

1. Make a project on -
 - a) Statistics — Roll No. 1 to 5
 - b) Trigonometry — Roll No 6 to 10
 - c) Surface area and volume — Roll No 11 to 15
 - d) Triangles — Roll No 16 to 18
2. make a working model on any topic from Maths Text book.
3. do all examples of ch- 2, 3, 8, 9 and 14 on a separate notebook.

SCIENCE

1. Prepare a beautiful chart on:-
 - a) Human alimentary canal — Roll No 1 to 5
 - b) Human brain — Roll No 6 to 10
 - c) male and Female Reproductive system
(Roll No 11 to 15)
 - d) Human eye and Heart — Roll No 16 to 18
2. Prepare a project on -
 - a) chemical Reaction and equations — Roll No 1 to 5
 - b) Heredity — Roll No 6 to 10
 - c) Carbon and its Compound — Roll No 11 to 15
 - d) How do organism Reproduce — Roll No 16 to 18
3. Revise all the chapters done till now.

Information Technology

1. Using various features of MS-Word, design a page informing about yourself.
2. In a blank document, load a clipart/an image of your choice and do:
 - a) resize the clipart/image
 - b) crop the clipart/imagewrite their steps too.
3. Make a scenery using different autoshapes and group them. At the next page write steps of insertion of autoshapes and steps for grouping.
4. Make a greeting card on father's day using features of MS-Word / Libre office writer such as orientation, column etc.
5. Using a template, make a tiled ID card. Take all of their printouts and bring them in a folder.

NOTE: * You can make it as attractive as possible

* Learn the syllabus done in class.

English

General Instruction :-

1. To be done on an A-4 Size Sheet.
2. Do Q3 to Q6 in your English notebook.
3. Attempt all the questions and do them neatly

1. Poster Making

Make a poster portraying your thought and point of view on:-

"Love for freedom is the natural instinct of Every living being".

You may read 'leslie Norris's' A tiger in the zoo for your reference.

2. Travel Brochure

- Research about places to visit in Andaman and Nicobar and prepare a travel Brochure of any one place describing the location, ways to reach, weather, best time to visit, hotels, the flora and fauna, food, suggested activities, culture etc.
- It should be handwritten, there should be 4-5 days pages, where you may draw or paste some pictures, give details about the same.
- There should be interesting and catchy HEADINGS above each detailed paragraph.
- Each picture in the brochure should have a caption [i.e., photo caption, also known as a line of next used to explain and elaborate a photograph].

Social Science

1. Every Students has to Compulsorily Undertake any one project on the following topics as mandated by CBSE. It will be assessed as.

SEA

Consumer Awareness

OR

Social Issues

OR

Sustainable development

GUIDELINES FOR THE PROJECT

- Project to be done on A-4 Size Sheet.
 - Project should be hand written for 15 pages.
 - On the Cover page student perform to be given - Name, class, Rollno, name of the School year of Submission and topic.
 - Page - 1 Acknowledgment
 - Page - 2 Content
 - Page - 3 Introduction
 - Page - 4 to page - 13 Explanation of the project.
 - Page - 14 Summary / Conclusion.
 - Page - 15 Bibliography
2. Make a Scrap Book of 'Indian Freedom fighters on the occasion of 75 years of independence'

3. Atlas Making

In a Scrap File, Paste the following maps -

- (a) Soil types
- (b) Major agricultural crops:- Wheat, Rice, tea, coffee, Sugarcane, Cotton, jute.
- (c) Major dams of India: Salal Bhakra Nagal, Tehri, Rana Pratap Sagar Sarovar, Hirakud, Nagarajuna Sagar, Tungabhadra.

HINDI

प्र०१ क्षितिज भाग - 2 गद्य खंड :-

(क) पाठ - 10, 11, 12 के शब्दार्थ, प्रश्नोत्तर, नोटबुक में लिखो और याद करो।

(ख) निम्न काव्य खंड की सप्रसंग व्याख्या करें -

- ऊर्ध्व, तुम सौ अति बड़भागी (सूरदास)
- राम - लक्ष्मण - परशुराम संवाद (तुलसीदास)
- देव - पाथनि नुपूर - मंजु बजै (देव)

प्र०२ कृतिका :-

पाठ - 1 (माता का आंचल) के प्रश्न उत्तर और शारांस

नोटबुक में लिखो और याद करो।

प्र०३ निम्न विषयों पर ~~अ~~ असाइनमेंट तैयार कीजिए -

- (क) रचना के आधार पर वाक्य भेद - 1 to 4
- (ख) वाच्य - 5 to 8
- (ग) पद - परिचय - 9 to 12
- (घ) अलंकार - 13 to 18

प्र०४ 'रुबिवाद और अंधाविश्वास समाज में आज भी व्याप्त है।' इस विषय पर विस्तार से जानकारी एकत्रित करें।

प्र०५ 'निंदा करना एक सामाजिक बुराई बनती जा रही है',
इस विषय पर संक्षिप्त में एक नोट लिखिए।

प्र०६ निबंध लेखन:-

- ग्लोबल वार्मिंग
- बाल श्रम - एक अभिशाप
- बढ़ती गर्दगाई
- कोरोना वायरस एक महामारी

प्र०७ पत्र लेखन:-

(क) छात्रावास में रहने वाली अपनी बहन को समय का
सुदुपयोग करने की सलाह देते हुए पत्र लिखिए।

(ख) अपने क्षेत्र में पेयजल की समुचित व्यवस्था हेतु नगर-
निगम अधिकारी को पत्र लिखिए।

CHAPTER - 2 [POLYNOMIAL]

1. If the zeroes of the polynomial $x^2 - px + q$ are double in value to the zeroes of the polynomial $2x^2 - 5x - 3$, then the values of p and q .
2. If α and β are zeroes of quadratic polynomial $2x^2 - 4x + 1$, then find the value of $\alpha^2 + \beta^2$.
3. If α and β are the zeroes of the polynomial $f(x) = x^2 - P(x+1) - C$, then find the value of $(\alpha+1)(\beta+1)$.
4. Find the quadratic polynomial sum and product of whose zeroes are -1 and -20 respectively. Also find the zeroes of the polynomial so obtained.
5. If one root of the polynomial $P(x) = 5x^2 + 13x + m$ is reciprocal of other, then find the value of m .
6. If one zero of the polynomial $3x^2 - 8x + 2k + 1$ is seven times the other, find the value of k .

CHAPTER - 3 [Pair of Linear equation in two variables]

1. For all real values of C , the pair of equations
$$x - 2y = 8$$
$$5x - 10y = C$$
have a unique solution or not. Justify your answer.
2. For which value of k will the pair of equations $kx + 3y = k - 3$ and $12x + ky = k$ will have no solution.

3. For which value of a and b for which the following system of equations has infinitely many solutions.

$$x + 2y = 1$$

$$(a-b)x + (a+b)y = a+b-2$$

4. Find the value of p in the pair of the equations:
 $2x + 3y - 5 = 0$ and $px - 6y - 8 = 0$, if the pair of equations has a unique solution.

5. Solve the pair of equations :-

$$(i) \quad \frac{x}{3} + \frac{y}{4} = 4 \quad ; \quad \frac{5x}{6} - \frac{y}{8} = 4$$

$$(ii) \quad \frac{x}{10} + \frac{y}{5} = -1 \quad ; \quad \frac{x}{8} + \frac{y}{6} = 15$$

6. Draw the graph of the pair of equations
 $2x + y = 4$ and $2x - y = 4$. Write the vertices of the triangle formed by these lines and the y -axis. Also find the area of this triangle.

CHAPTER - 8 [TRIGONOMETRY]

- Given that $\sin \alpha = \frac{1}{2}$ and $\cos \beta = \frac{1}{2}$, then the value of $(\alpha + \beta)$ is.
- If $4 \tan \theta = 3$, then $\frac{4 \sin \theta - \cos \theta}{4 \sin \theta + \cos \theta}$ is equal to.
- If $\sin \theta - \cos \theta = 0$, then find the value of $\sin^4 \theta + \cos^4 \theta$.
- Prove that :- (i) $(\sin \theta + \cos \theta) (\tan \theta + \cot \theta) = \sec \theta + \csc \theta$
 (ii) $(1 + \tan^2 \theta) (1 - \sin \theta) (1 + \sin \theta) = 1$
 (iii) $\frac{1 + \sec \theta - \tan \theta}{1 + \sec \theta + \tan \theta} = \frac{1 - \sin \theta}{\cos \theta}$

CH-5 [Life Processes]

1. Differentiate between artery and veins.
2. Differentiate between aerobic and anaerobic respiration.
3. Differentiate between Breathing and Respiration.
4. What are the functions of blood.
5. What are the functions of lymph.
6. What are functions of kidney.

Ch-9 [Light]

1. Write properties of reflection.
2. Write characteristics of Plane mirror.
3. What are the uses of Convex mirror.
4. What are the uses of Concave mirror.
5. A Concave mirror produces three times magnified (enlarged) real image of an object placed at 10 cm. in front of it. Where is the image located?
6. Differentiate between reflection and Refraction.

Revision worksheet

CHAPTER - POWER SHARING

- Q1) Discuss the difference between the extent and composition of Belgium and Sri Lanka.
- Q2) Mention the three majoritarian measures introduced by Sri Lanka's government to establish Sinhala supremacy.
- Q3) Why power sharing is desirable?
- Q4) Discuss the elements of Belgian model of power sharing.
- Q5) Describe four forms of power sharing.

CHAPTER - FEDERALISM

- Q1) What is meant by federalism? Discuss the features of federalism.
- Q2) Describe the two routes for formation of federalism in different countries.
- Q3) What makes India a federal country?
- Q4) What is the basic idea behind Decentralisation?

CHAPTER - DEVELOPMENT

- Q1) What may be development for one may not be for the other, it may be destructive.
- Q2) For development people look at a mix of goals - Support the statement with suitable examples.
- Q3) Why is the issue of sustainability important for development?
- Q4) What is the main criterion used by the World Bank in classifying different countries?

CHAPTER - RESOURCER AND DEVELOPMENT

- Q1) What is sustainable Development?
- Q2) Write any three characteristics of alluvial soil.
- Q3) What are the three of Resources planning in India?
- Q4) What is soil erosion? What are the causes of soil erosion?

1. Read lesson no 3, 4 and 5 from the book "footprints without feet" and attempt the exercises given at the back in your notebook.
2. Complete the following passage by choosing the most appropriate option from the given below.

Like many indian children, I grew up a _____ the vast, varied and fascinating tales of Mahabharata. Set (b) _____ the end of what the hindu scriptures ~~from~~ term Dvapara yuga or the third age of the man a time (c) _____ the lives of the gods and the people still intersected, the epic weaves, myth, history, religion, science and state craft (d) _____ stories.

(a) (i) saying (ii) listening to (iii) questioning
(iv) celebrating

(b) (i) by (ii) at (iii) from (iv) into

(c) (i) where (ii) from (iii) when (iv) before

(d) (i) as (ii) in (iii) through (iv) into

3. The following passage has not been edited. There is one error in each line. Write the incorrect word and the correction

against the correct blank number.

Eg.

without the knowledge on grammar
it

Error Correction
on of

- a) become impossible for one to write and speak
- b) correct one can remember that all knowledgeable
- c) persons judged a man by his writing or speaking
- d) grammar is not something that should be learnt.
- e) part by part. its learning demands more reflection
- f) patience and a effort on one's part

Science (086)
Class X
Sample Question Paper 2022-23

Max. Marks: 80

Time Allowed: 3 hours

General Instructions:

- i. This question paper consists of 39 questions in 5 sections.
- ii. All questions are compulsory. However, an internal choice is provided in some questions. A student is expected to attempt only one of these questions.
- iii. **Section A** consists of 20 objective type questions carrying 1 mark each.
- iv. **Section B** consists of 6 Very Short questions carrying 02 marks each. Answers to these questions should in the range of 30 to 50 words.
- v. **Section C** consists of 7 Short Answer type questions carrying 03 marks each. Answers to these questions should in the range of 50 to 80 words
- vi. **Section D** consists of 3 Long Answer type questions carrying 05 marks each. Answer to these questions should be in the range of 80 to 120 words.
- vii. **Section E** consists of 3 source-based/case-based units of assessment of 04 marks each with sub-parts.

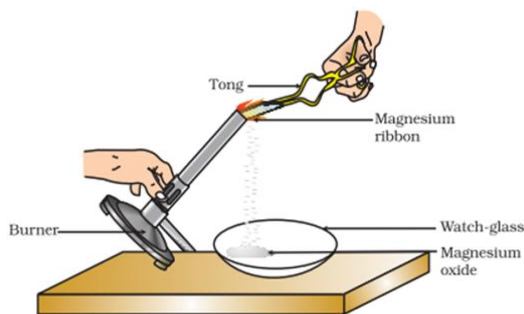
SECTION - A

Select and write one most appropriate option out of the four options given for each of the questions 1 – 20

Q. No	Questions	Marks
1	<p>The change in colour of the moist litmus paper in the given set up is due to</p> <div style="text-align: center;"> </div> <ol style="list-style-type: none"> i. presence of acid ii. presence of base iii. presence of H⁺(aq) in the solution iv. presence of Litmus which acts as an indicator <p>(a) i and ii (b) Only ii (c) Only iii (d) Only iv.</p>	1
2	<p>In the redox reaction</p> $\text{MnO}_2 + 4\text{HCl} \rightarrow \text{MnCl}_2 + 2\text{H}_2\text{O} + \text{Cl}_2$ <p>(a) MnO₂ is reduced to MnCl₂& HCl is oxidized to H₂O (b) MnO₂ is reduced to MnCl₂& HCl is oxidized to Cl₂</p>	1

- (c) MnO_2 is oxidized to MnCl_2 & HCl is reduced to Cl_2
 (d) MnO_2 is oxidized to MnCl_2 & HCl is reduced to H_2O

3



Which of the following is the correct observation of the reaction shown in the above set up?

- (a) Brown powder of Magnesium oxide is formed.
 (b) Colourless gas which turns lime water milky is evolved.
 (c) Magnesium ribbon burns with brilliant white light.
 (d) Reddish brown gas with a smell of burning Sulphur has evolved.

1

4

With the reference to four gases CO_2 , CO , Cl_2 and O_2 , which one of the options in the table is correct?

Option	Acidic oxide	Used in treatment of water	Product of respiration	Product of incomplete combustion
(a)	CO	Cl_2	O_2	CO
(b)	CO_2	Cl_2	CO_2	CO
(c)	CO_2	O_2	O_2	CO_2
(d)	CO	O_2	CO_2	CO_2

1

5

On placing a copper coin in a test tube containing green ferrous sulphate solution, it will be observed that the ferrous sulphate solution

- (a) turns blue, and a grey substance is deposited on the copper coin.
 (b) turns colourless and a grey substance is deposited on the copper coin.
 (c) turns colourless and a reddish-brown substance is deposited on the copper coin.
 (d) remains green with no change in the copper coin.

1

6

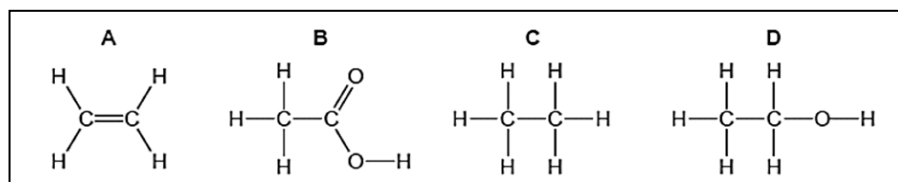
Anita added a drop each of diluted acetic acid and diluted hydrochloric acid on pH paper and compared the colors. Which of the following is the correct conclusion?

- (a) pH of acetic acid is more than that of hydrochloric acid.
 (b) pH of acetic acid is less than that of hydrochloric acid.
 (c) Acetic acid dissociates completely in aqueous solution.
 (d) Acetic acid is a strong acid

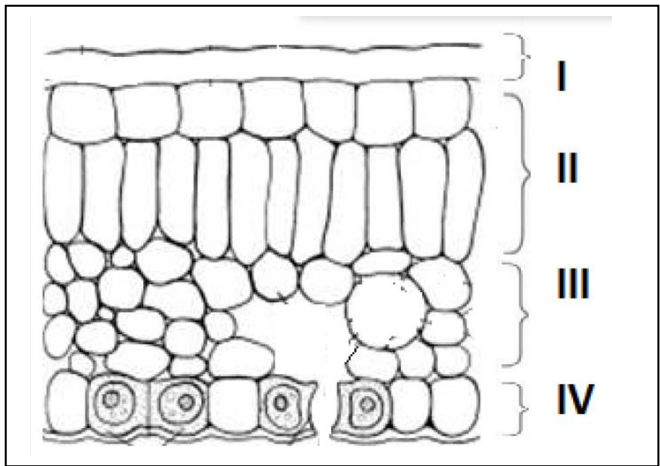
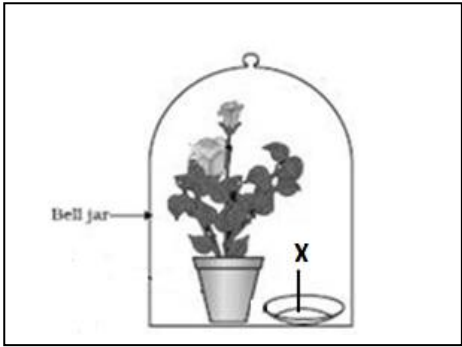
1

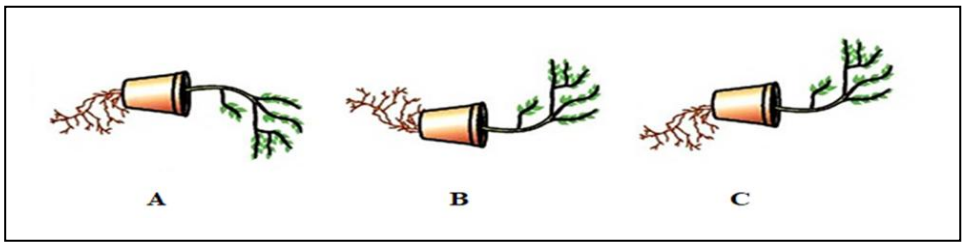
7

The formulae of four organic compounds are shown below. Choose the correct option



1

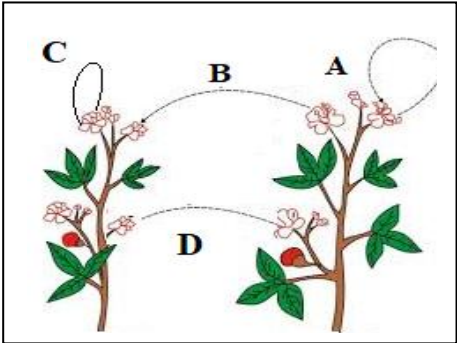
	<p>(a) A and B are unsaturated hydrocarbons (b) C and D are saturated hydrocarbons (c) Addition of hydrogen in presence of catalyst changes A to C (d) Addition of potassium permanganate changes B to D</p>	
8	<p>In the given transverse section of the leaf identify the layer of cells where maximum photosynthesis occurs.</p>  <p>(a) I, II (b) II, III (c) III, IV (d) I, IV</p>	1
9	<p>Observe the experimental setup shown below. Name the chemical indicated as 'X' that can absorb the gas which is evolved as a byproduct of respiration.</p>  <p>(a) NaOH (b) KOH (c) Ca (OH)₂ (d) K₂CO₃</p>	1
10	<p>If a tall pea plant is crossed with a pure dwarf pea plant then, what percentage of F1 and F2 generation respectively will be tall?</p> <p>(a) 25%, 25% (b) 50%, 50% (c) 75%, 100% (d) 100%, 75%</p>	1
11	<p>Observe the three figures given below. Which of the following depicts tropic movements appropriately?</p>	1



- (a) B and C
- (b) A and C
- (c) B only
- (d) C only

12

The diagram shown below depicts pollination. Choose the options that will show a maximum variation in the offspring.



- (a) A, B and C
- (b) B and D
- (c) B, C and D
- (d) A and C

1

13

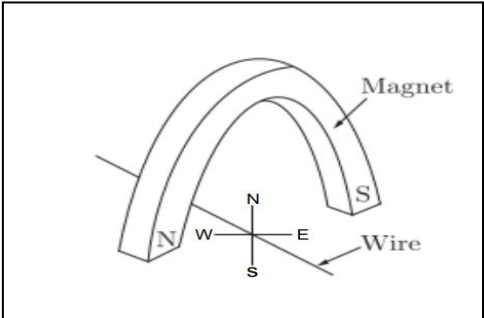
A complete circuit is left on for several minutes, causing the connecting copper wire to become hot. As the temperature of the wire increases, the electrical resistance of the wire

- (a) decreases.
- (b) remains the same.
- (c) increases.
- (d) increases for some time and then decreases .

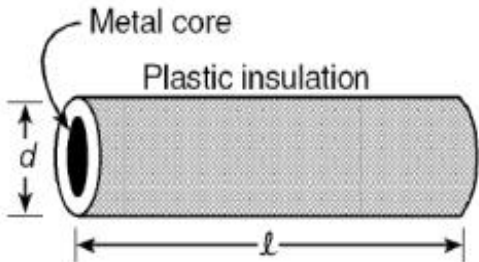
1

14

A copper wire is held between the poles of a magnet.

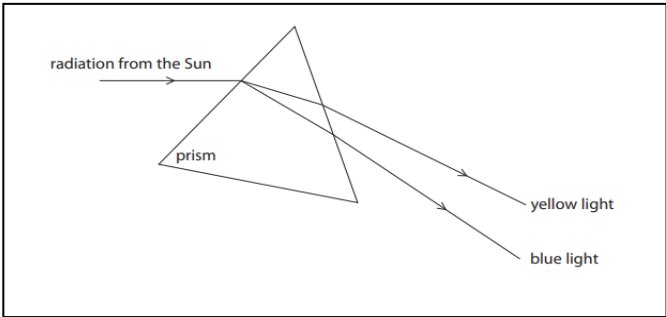


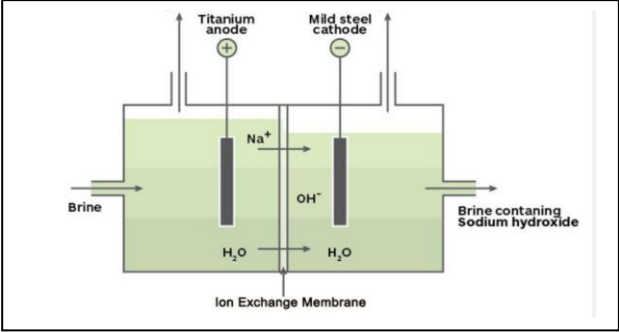
1

	The current in the wire can be reversed. The pole of the magnet can also be changed over. In how many of the four directions shown can the force act on the wire? (a) 1 (b) 2 (c) 3 (d) 4	
15	 <p>Plastic insulation surrounds a wire having diameter d and length l as shown above. A decrease in the resistance of the wire would be produced by an increase in the</p> <p>(a) length l of the wire (b) diameter d of the wire (c) temperature of the wire (d) thickness of the plastic insulation</p>	1
16	Which of the following pattern correctly describes the magnetic field around a long straight wire carrying current? (a) straight lines perpendicular to the wire. (b) straight lines parallel to the wire. (c) radial lines originating from the wire. (d) concentric circles centred around the wire.	1
<p>Q. no 17 to 20 are Assertion - Reasoning based questions. These consist of two statements – Assertion (A) and Reason (R). Answer these questions selecting the appropriate option given below: (a) Both A and R are true and R is the correct explanation of A (b) Both A and R are true and R is not the correct explanation of A (c) A is true but R is false (d) A is False but R is true</p>		
17	Assertion: Silver bromide decomposition is used in black and white photography. Reason: Light provides energy for this exothermic reaction.	1
18	Assertion: Height in pea plants is controlled by efficiency of enzymes and is thus genetically controlled. Reason: Cellular DNA is the information source for making proteins in the cell.	1
19	Assertion: Amphibians can tolerate mixing of oxygenated and deoxygenated blood. Reason: Amphibians are animals with two chambered heart	1
20	Assertion: On freely suspending a current – carrying solenoid, it comes to rest in Geographical N-S direction. Reason : One end of current carrying straight solenoid behaves as a North pole and the other end as a South pole, just like a bar magnet.	1

SECTION – B

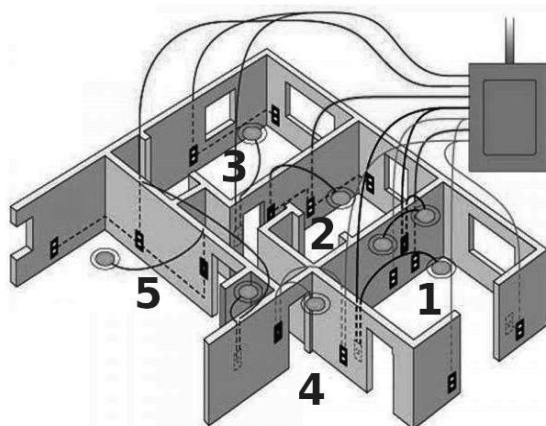
Q. no. 21 to 26 are very short answer questions.

21	<p>A clear solution of slaked lime is made by dissolving Ca(OH)_2 in an excess of water. This solution is left exposed to air. The solution slowly goes milky as a faint white precipitate forms. Explain why a faint white precipitate forms, support your response with the help of a chemical equation.</p> <p style="text-align: center;">OR</p> <p>Keerti added dilute Hydrochloric acid to four metals and recorded her observations as shown in the table given below:</p> <table border="1"><thead><tr><th>Metal</th><th>Gas Evolved</th></tr></thead><tbody><tr><td>Copper</td><td>Yes</td></tr><tr><td>Iron</td><td>Yes</td></tr><tr><td>Magnesium</td><td>No</td></tr><tr><td>Zinc</td><td>Yes</td></tr></tbody></table> <p>Select the correct observation(s) and give chemical equation(s) of the reaction involved.</p>	Metal	Gas Evolved	Copper	Yes	Iron	Yes	Magnesium	No	Zinc	Yes	2
Metal	Gas Evolved											
Copper	Yes											
Iron	Yes											
Magnesium	No											
Zinc	Yes											
22	How is the mode of action in beating of the heart different from reflex actions? Give four examples.	2										
23	Patients whose gallbladder are removed are recommended to eat less oily food. Why?	2										
24	Name the substances other than water, that are reabsorbed during urine formation. What are the two parameters that decide the amount of water that is reabsorbed in the kidney?	2										
25	 <p>State the phenomena observed in the above diagram. Explain with reference to the diagram, which of the two lights mentioned above will have the higher wavelength?</p> <p style="text-align: center;">OR</p> <p>How will you use two identical prisms so that a narrow beam of white light incident on one prism emerges out of the second prism as white light? Draw the diagram.</p>	2										

26	A lot of waste is generated in neighborhood. However, almost all of it is biodegradable. What impact will it have on the environment or human health?	2
SECTION - C Q.no. 27 to 33 are short answer questions.		
27	<p>i)</p> $\textcircled{A} + \textcircled{BC} \longrightarrow \textcircled{AC} + \textcircled{B}$ <p>ii)</p> $\textcircled{AB} + \textcircled{CD} \longrightarrow \textcircled{AC} + \textcircled{BD}$ <p>Identify the types of reaction mentioned above in (i) and (ii). Give one example for each type in the form of a balanced chemical equation.</p>	3
28	<div style="text-align: center;">  </div> <p>(a) Identify the gasses evolved at the anode and cathode in the above experimental set up.</p> <p>(b) Name the process that occurs. Why is it called so?</p> <p>(c) Illustrate the reaction of the process with the help of a chemical equation.</p>	3
29	<p>The leaves of a plant were covered with aluminium foil, how would it affect the physiology of the plant?</p> <p style="text-align: center;">OR</p> <p>How is lymph an important fluid involved in transportation? If lymphatic vessels get blocked, how would it affect the human body? Elaborate.</p>	3
30	<p>Rohit wants to have an erect image of an object using a converging mirror of focal length 40 cm.</p> <p>(a) Specify the range of distance where the object can be placed in front of the mirror. Justify.</p> <p>(b) Draw a ray diagram to show image formation in this case.</p> <p>(c) State one use of the mirror based on the above kind of image formation.</p>	3
31	<p>(a) A lens of focal length 5 cm is being used by Debashree in the laboratory as a magnifying glass. Her least distance of distinct vision is 25 cm.</p> <p>(i) What is the magnification obtained by using the glass?</p> <p>(ii) She keeps a book at a distance 10 cm from her eyes and tries to read. She is unable to read. What is the reason for this?</p>	3

	(b) Ravi kept a book at a distance of 10 cm from the eyes of his friend Hari. Hari is not able to read anything written in the book. Give reasons for this?	
32	<p>A student fixes a white sheet of paper on a drawing board. He places a bar magnet in the centre and sprinkles some iron filings uniformly around the bar magnet. Then he taps gently and observes that iron filings arrange themselves in a certain pattern.</p> <p>(a) Why do iron filings arrange themselves in a particular pattern?</p> <p>(b) Which physical quantity is indicated by the pattern of field lines around the bar magnet?</p> <p>(c) State any two properties of magnetic field lines.</p> <p style="text-align: center;">OR</p> <p>A compass needle is placed near a current carrying wire. State your observations for the following cases and give reasons for the same in each case-</p> <p>(a) Magnitude of electric current in wire is increased.</p> <p>(b) The compass needle is displaced away from the wire.</p>	3
33	Why is damage to the ozone layer a cause for concern? What are its causes and what steps are being taken to limit this damage?	3
SECTION - D		
Q.no. 34 to 36 are Long answer questions.		
34	<p>Shristi heated Ethanol with a compound A in presence of a few drops of concentrated sulphuric acid and observed a sweet smelling compound B is formed. When B is treated with sodium hydroxide it gives back Ethanol and a compound C.</p> <p>(a) Identify A and C</p> <p>(b) Give one use each of compounds A and B.</p> <p>(c) Write the chemical reactions involved and name the reactions.</p> <p style="text-align: center;">OR</p> <p>(a) What is the role of concentrated Sulphuric acid when it is heated with Ethanol at 443 K. Give the reaction involved.</p> <p>(b) Reshu by mistake forgot to label the two test tubes containing Ethanol and Ethanoic acid. Suggest an experiment to identify the substances correctly? Illustrate the reactions with the help of chemical equations</p>	5
35	<p>(a) Why is it not possible to reconstruct the whole organism from a fragment in complex multicellular organisms?</p> <p>(b) Sexual maturation of reproductive tissues and organs are necessary link for reproduction. Elucidate.</p> <p style="text-align: center;">OR</p> <p>(a) How are variations useful for species if there is drastic alteration in the niches?</p> <p>(b) Explain how the uterus and placenta provide necessary conditions for proper growth and development of the embryo after implantation?</p>	5

36



5

The diagram above is a schematic diagram of a household circuit. The house shown in the above diagram has 5 usable spaces where electrical connections are made. For this house, the mains have a voltage of 220 V and the net current coming from the mains is 22A.

- What is the mode of connection to all the spaces in the house from the mains?
- The spaces 5 and 4 have the same resistance and spaces 3 and 2 have respective resistances of 20Ω and 30Ω . Space 1 has a resistance double that of space 5. What is the net resistance for space 5.
- What is the current in space 3?
- What should be placed between the main connection and the rest of the house's electrical appliances to save them from accidental high electric current?

SECTION - E

Q.no. 37 to 39 are case - based/data -based questions with 2 to 3 short sub - parts. Internal choice is provided in one of these sub-parts.







37

Two students decided to investigate the effect of water and air on iron object under identical experimental conditions. They measured the mass of each object before placing it partially immersed in 10 ml of water. After a few days, the object were removed, dried and their masses were measured. The table shows their results.

Student	Object	Mass of Object before Rusting in g	Mass of the coated object in g
A	Nail	3.0	3.15
B	Thin plate	6.0	6.33

- What might be the reason for the varied observations of the two students?
- In another set up the students coated iron nails with zinc metal and noted that, iron nails coated with zinc prevents rusting. They also observed that zinc initially acts as a physical barrier, but an extra advantage of using zinc is that it continues to prevent rusting even if the layer of zinc is damaged. Name this process of rust prevention and give any two other methods to prevent rusting.

4

	<p style="text-align: center;">OR</p> <p>(b) In which of the following applications of Iron, rusting will occur most? Support your answer with valid reason.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>A</p>  </div> <div style="text-align: center;"> <p>B</p>  </div> <div style="text-align: center;"> <p>C</p>  </div> <div style="text-align: center;"> <p>D</p>  </div> </div> <p>A - Iron Bucket electroplated with Zinc B - Electricity cables having iron wires covered with aluminium C - Iron hinges on a gate D - Painted iron fence</p>	
<p>38</p>	<p>Pooja has green eyes while her parents and brother have black eyes. Pooja's husband Ravi has black eyes while his mother has green eyes and father has black eyes.</p> <p>(a) On the basis of the above given information, is the green eye colour a dominant or recessive trait? Justify your answer.</p> <p>(b) What is the possible genetic makeup of Pooja's brother's eye colour?</p> <p>(c) What is the probability that the offspring of Pooja and Ravi will have green eyes? Also, show the inheritance of eye colour in the offspring with the help of a suitable cross.</p> <p style="text-align: center;">OR</p> <p>(d) 50% of the offspring of Pooja's brother are green eyed. With help of cross show how this is possible.</p>	<p>4</p>
<p>39</p>	<div style="display: flex; justify-content: space-around;">   </div> <p>The above images are that of a specialized slide projector. Slides are small transparencies mounted in sturdy frames ideally suited to magnification and projection, since they have a very high resolution and a high image quality. There is a tray where the slides are to be put into a particular orientation so that the viewers can see the enlarged erect images of the transparent slides. This means that the slides will have to be inserted upside down in the projector tray.</p> <p>To show her students the images of insects that she investigated in the lab, Mrs. Iyer brought a slide projector. Her slide projector produced a 500 times enlarged and inverted image of a slide on a screen 10 m away.</p>	<p>4</p>

- | | | |
|--|---|--|
| | <p>(a) Based on the text and data given in the above paragraph, what kind of lens must the slide projector have?</p> <p>(b) If v is the symbol used for image distance and u for object distance then with one reason state what will be the sign for $\frac{v}{u}$ in the given case?</p> <p>(c) A slide projector has a convex lens with a focal length of 20 cm. The slide is placed upside down 21 cm from the lens. How far away should the screen be placed from the slide projector's lens so that the slide is in focus?</p> | |
|--|---|--|

OR

- (c) When a slide is placed 15 cm behind the lens in the projector, an image is formed 3 m in front of the lens. If the focal length of the lens is 14 cm, draw a ray diagram to show image formation. (not to scale)

CBSE | DEPARTMENT OF SKILL EDUCATION

INFORMATION TECHNOLOGY (SUBJECT CODE - 402)

Blue-print for Sample Question Paper for Class X (Session 2022-2023)

Max. Time: 2 Hours

Max. Marks: 50

PART A - EMPLOYABILITY SKILLS (10 MARKS):

UNIT NO.	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS	SHORT ANSWER TYPE QUESTIONS	TOTAL QUESTIONS
		1 MARK EACH	2 MARKS EACH	
1	Communication Skills - II	-	-	-
2	Self-Management Skills - II	2	2	4
3	ICT Skills - II	2	1	3
4	Entrepreneurial Skills - II	2	2	4
5	Green Skills - II	-	-	-
TOTAL QUESTIONS		6	5	11
NO. OF QUESTIONS TO BE ANSWERED		Any 4	Any 3	07
TOTAL MARKS		1 x 4 = 4	2 x 3 = 6	10 MARKS

PART B - SUBJECT SPECIFIC SKILLS (40 MARKS):

UNIT NO.	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS	SHORT ANSWER TYPE QUESTIONS	DESCRIPTIVE/ LONG ANS. TYPE QUESTIONS	TOTAL QUESTIONS
		1 MARK EACH	2 MARKS EACH	4 MARKS EACH	
	Digital Documentation (Advanced)	6	1	1	8
	Electronic Spreadsheet (Advanced)	6	2	1	9
	Database Management System	6	1	2	9
	Web Applications and Security	6	2	1	9
TOTAL QUESTIONS		24	6	5	35
NO. OF QUESTIONS TO BE ANSWERED		20	Any 4	Any 3	27
TOTAL MARKS		1 x 20 = 20	2 x 4 = 8	4 x 3 = 12	40 MARKS

CBSE | DEPARTMENT OF SKILL EDUCATION

INFORMATION TECHNOLOGY (SUBJECT CODE - 402)

Sample Question Paper for Class X (Session 2022-2023)

Max. Time: 2 Hours

Max. Marks: 50

General Instructions:

1. Please read the instructions carefully.
2. This Question Paper consists of **21 questions** in two sections: Section A & Section B.
3. Section A has Objective type questions whereas Section B contains Subjective type questions.
4. **Out of the given (5 + 16 =) 21 questions, a candidate has to answer (5 + 10 =) 15 questions in the allotted (maximum) time of 2 hours.**
5. All questions of a particular section must be attempted in the correct order.
6. **SECTION A - OBJECTIVE TYPE QUESTIONS (24 MARKS):**
 - i. This section has 05 questions.
 - ii. Marks allotted are mentioned against each question/part.
 - iii. There is no negative marking.
 - iv. Do as per the instructions given.
7. **SECTION B – SUBJECTIVE TYPE QUESTIONS (26 MARKS):**
 - i. This section has 16 questions.
 - ii. A candidate has to do 10 questions.
 - iii. Do as per the instructions given.
 - iv. Marks allotted are mentioned against each question/part.

iii.	Which of the following application is not appropriate to store data about ABC Bank customers? a. Open Office Base c. Open Office Writer b. MS Access d. MS Excel	1
iv.	When you open a new spreadsheet, by default, it has a sheet named _____ which is managed using tabs at the bottom of the spreadsheet. a. Sheet1 c. Worksheet1 b. Untitled1 d. New Sheet	1
v.	In a word processor, _____ option is selected for a scaled resizing of an image. a. Original Size c. Image Size b. Keep ratio d. Relative	1
vi.	Multiple copies of the same file leads to _____. a. Data Inconsistency c. Data Redundancy b. Data Consistency d. Foreign Key	1

Q. 3	Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)	
i.	It is a reference point for the graphics which is created while positioning any image. This point could be the page, or frame where the object is either a paragraph, or even a character in a word processor. a. Wrap Text c. Anchoring b. Alignment d. BookMark	1
ii.	Identify the property which help to set the number of characters in text/ varchar type field of a table in DBMS. a. Entry Required c. Size b. Default Value d. Length	1
iii.	_____ is designed to help users with auditory impairments. a. Sound Sentry c. Serial key b. High Contrast d. Show Sounds	1
iv.	State whether True or False: “It is not possible to create a default template in a Word processor”. a. True b. False	1
v.	Reviewers and authors can add their _____ to explain their changes in the cell of Spreadsheet. a. Comments c. Worksheet b. Hyperlink d. Macros	1
vi.	In Calc, Arguments passed to a macro from Calc are always _____. a. Cell Reference c. Both a and b b. Value d. Sheet Reference	1

v.	In a word processor, by default, evaluates _____ levels of headings when it builds the table of contents. a. 3 b. 7 c. 10 d. 12	1
vi.	In _____ Networks, all computers have an equal status and each terminal has an equally competent CPU. a. MAN b. WAN c. Client Server d. P2P	1

SECTION B: SUBJECTIVE TYPE QUESTIONS

Answer any 3 out of the given 5 questions on Employability Skills (2 x 3 = 6 marks)

Answer each question in 20 – 30 words.

Q. 6	What are the advantages of the ability to Work Independently?	2
Q. 7	Name the Stress causal agents.	2
Q. 8	What do you mean by Disk Defragmentation?	2
Q. 9	Explain any two Myths about Entrepreneurship.	2
Q. 10	Write any four roles of Entrepreneurs.	2

Answer any 4 out of the given 6 questions in 20 – 30 words each (2 x 4 = 8 marks)

Q. 11	State any two purposes of using Templates in a word document.	2
Q. 12	Mention any two operations that can be performed using Macros in a spreadsheet.	2
Q. 13	What do you mean by Hyperlinks in Spreadsheets? Give the two different types of Hyperlinks that can be used in Spreadsheets.	2
Q. 14	List Numeric and Alphanumeric Datatypes in OpenOffice Base.	2
Q. 15	Differentiate between Filter keys and Toggle keys in Microsoft Windows.	2
Q. 16	In which situations Online shopping could be useful? Write any two popular e-commerce websites.	2

Answer any 3 out of the given 5 questions in 50– 80 words each (4 x 3 = 12 marks)

Q. 17	Anshita is preparing spreadsheet notes for her Term Exam. Help her to write short note on the following: i. Scenarios ii. Goal Seek iii. Solver iv. Subtotal	4
Q. 18	Tanmay is a Class X student. He has learnt Mail Merge option of a Word Processor in his computer period. But he is confused with few terms used to merge documents. Explain the following briefly, which will help Tanmay better understand the Mail Merge options. 1. Merge Field 2. Data Source 3. Main Document 4. Mention two types of data on which mail merge can be applied.	4

Q. 19	<p>Consider the following table: Sales</p> <table border="1"> <thead> <tr> <th>Sale_Id</th> <th>Prod_Name</th> <th>Price</th> <th>Discount</th> </tr> </thead> <tbody> <tr> <td>1101</td> <td>Laptop</td> <td>65000</td> <td>2500</td> </tr> <tr> <td>1103</td> <td>Pen tab</td> <td>29500</td> <td>1000</td> </tr> <tr> <td>1105</td> <td>Desktop</td> <td>50000</td> <td>1550</td> </tr> <tr> <td>1106</td> <td>Printer</td> <td>12000</td> <td>2000</td> </tr> </tbody> </table> <ol style="list-style-type: none"> 1. How many fields and records are there in Sales table? 2. Write SQL commands for the following: <ol style="list-style-type: none"> i. Display Sales ID and price of all products whose discount is more than 1000. ii. Display the details alphabetically by product name. iii. Display product name and sales price after deducting the discount from the price. Note: Sales price can be calculated as (price-discount) 	Sale_Id	Prod_Name	Price	Discount	1101	Laptop	65000	2500	1103	Pen tab	29500	1000	1105	Desktop	50000	1550	1106	Printer	12000	2000	4
Sale_Id	Prod_Name	Price	Discount																			
1101	Laptop	65000	2500																			
1103	Pen tab	29500	1000																			
1105	Desktop	50000	1550																			
1106	Printer	12000	2000																			
Q. 20	<p>Your friend owns a chemist shop, he needs to keep records of the medicines with their id's, date of purchase, expiry date, price, etc. in a database program. But he does not have any knowledge about the database. Explain to him the following to get a better understanding of the DBMS concepts.</p> <ol style="list-style-type: none"> 1. What is DBMS? Explain in brief. 2. Name any two database programs which can be used to create a table and store the data as per the requirement. 3. Which field can be set as a Primary Key? 4. Is it possible to make more than one field as a primary key in your table? (Yes/No). Justify your answer. 	4																				
Q. 21	<p>Vicky is a student of class X. He used to get the work based on internet surfing, But he is not aware of the internet and its terminology. Being a friend of Vicky, help him in finding the answers of the following questions.</p> <ol style="list-style-type: none"> a. What do you mean by Internet Service Provider? b. Expand the following terms: <ol style="list-style-type: none"> i. WAP ii. W3 c. Mention any two advantages of Networking. d. What is a Blog? Name any two Online Blogs. 	4																				
For Visually Impaired Students																						
Q.21	<p>Define the following:</p> <ol style="list-style-type: none"> 1. Sorting (with respect to DBMS) 2. Referential Integrity 3. Many-to-Many Relationship(with respect to DBMS) 4. Foreign key 	4																				

Class- X Session- 2022-23
Subject- Mathematics (Standard)
Sample Question Paper

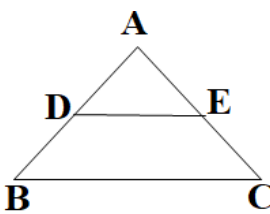
Time Allowed: 3 Hrs.

Maximum Marks : 80

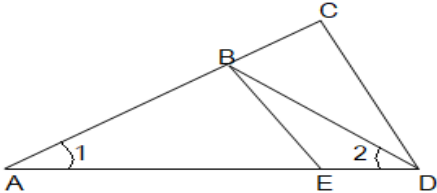
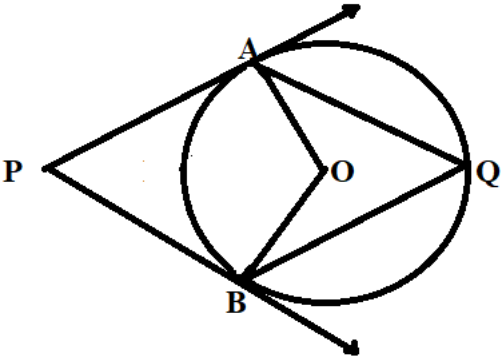
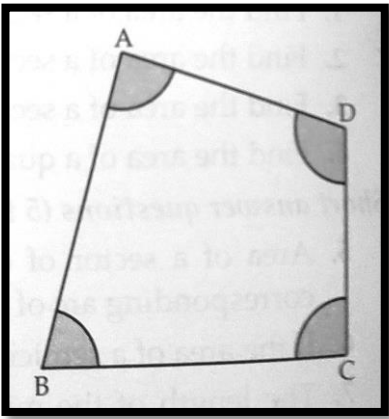
General Instructions:

1. This Question Paper has 5 Sections A-E.
2. Section **A** has 20 MCQs carrying 1 mark each
3. Section **B** has 5 questions carrying 02 marks each.
4. Section **C** has 6 questions carrying 03 marks each.
5. Section **D** has 4 questions carrying 05 marks each.
6. Section **E** has 3 case based integrated units of assessment (04 marks each) with sub-parts of the values of 1, 1 and 2 marks each respectively.
7. All Questions are compulsory. However, an internal choice in 2 Qs of 5 marks, 2 Qs of 3 marks and 2 Questions of 2 marks has been provided. An internal choice has been provided in the 2marks questions of Section E
8. Draw neat figures wherever required. Take $\pi = 22/7$ wherever required if not stated.

SECTION A		
Section A consists of 20 questions of 1 mark each.		
S.NO		MA RKS
1	Let a and b be two positive integers such that $a = p^3q^4$ and $b = p^2q^3$, where p and q are prime numbers. If $HCF(a,b) = p^m q^n$ and $LCM(a,b) = p^r q^s$, then $(m+n)(r+s) =$ (a) 15 (b) 30 (c) 35 (d) 72	1
2	Let p be a prime number. The quadratic equation having its roots as factors of p is (a) $x^2 - px + p = 0$ (b) $x^2 - (p+1)x + p = 0$ (c) $x^2 + (p+1)x + p = 0$ (d) $x^2 - px + p + 1 = 0$	1
3	If α and β are the zeros of a polynomial $f(x) = px^2 - 2x + 3p$ and $\alpha + \beta = \alpha\beta$, then p is (a) -2/3 (b) 2/3 (c) 1/3 (d) -1/3	1
4	If the system of equations $3x + y = 1$ and $(2k-1)x + (k-1)y = 2k+1$ is inconsistent, then k = (a) -1 (b) 0 (c) 1 (d) 2	1
5	If the vertices of a parallelogram PQRS taken in order are P(3,4), Q(-2,3) and R(-3,-2), then the coordinates of its fourth vertex S are (a) (-2,-1) (b) (-2,-3) (c) (2,-1) (d) (1,2)	1
6	$\Delta ABC \sim \Delta PQR$. If AM and PN are altitudes of ΔABC and ΔPQR respectively and $AB^2 : PQ^2 = 4 : 9$, then AM: PN = (a) 3:2 (b) 16:81 (c) 4:9 (d) 2:3	1

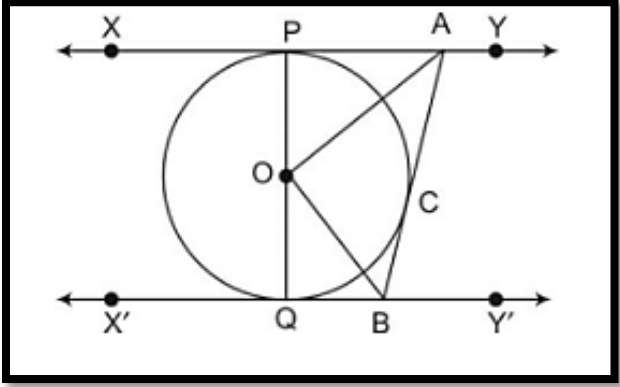
7	If $x \tan 60^\circ \cos 60^\circ = \sin 60^\circ \cot 60^\circ$, then $x =$ (a) $\cos 30^\circ$ (b) $\tan 30^\circ$ (c) $\sin 30^\circ$ (d) $\cot 30^\circ$	1												
8	If $\sin \theta + \cos \theta = \sqrt{2}$, then $\tan \theta + \cot \theta =$ (a) 1 (b) 2 (c) 3 (d) 4	1												
9	In the given figure, $DE \parallel BC$, $AE = a$ units, $EC = b$ units, $DE = x$ units and $BC = y$ units. Which of the following is true? <div style="text-align: center;">  </div> (a) $x = \frac{a+b}{ay}$ (b) $y = \frac{ax}{a+b}$ (c) $x = \frac{ay}{a+b}$ (d) $\frac{x}{y} = \frac{a}{b}$	1												
10	ABCD is a trapezium with $AD \parallel BC$ and $AD = 4$ cm. If the diagonals AC and BD intersect each other at O such that $AO/OC = DO/OB = 1/2$, then $BC =$ (a) 6cm (b) 7cm (c) 8cm (d) 9cm	1												
11	If two tangents inclined at an angle of 60° are drawn to a circle of radius 3cm, then the length of each tangent is equal to (a) $\frac{3\sqrt{3}}{2}$ cm (b) 3cm (c) 6cm (d) $3\sqrt{3}$ cm	1												
12	The area of the circle that can be inscribed in a square of 6cm is (a) 36π cm ² (b) 18π cm ² (c) 12π cm ² (d) 9π cm ²	1												
13	The sum of the length, breadth and height of a cuboid is $6\sqrt{3}$ cm and the length of its diagonal is $2\sqrt{3}$ cm. The total surface area of the cuboid is (a) 48 cm ² (b) 72 cm ² (c) 96 cm ² (d) 108 cm ²	1												
14	If the difference of Mode and Median of a data is 24, then the difference of median and mean is (a) 8 (b) 12 (c) 24 (d) 36	1												
15	The number of revolutions made by a circular wheel of radius 0.25m in rolling a distance of 11km is (a) 2800 (b) 4000 (c) 5500 (d) 7000	1												
16	For the following distribution, <table border="1" style="margin-left: auto; margin-right: auto;"> <tbody> <tr> <td>Class</td> <td>0-5</td> <td>5-10</td> <td>10-15</td> <td>15-20</td> <td>20-25</td> </tr> <tr> <td>Frequency</td> <td>10</td> <td>15</td> <td>12</td> <td>20</td> <td>9</td> </tr> </tbody> </table> the sum of the lower limits of the median and modal class is (a) 15 (b) 25 (c) 30 (d) 35	Class	0-5	5-10	10-15	15-20	20-25	Frequency	10	15	12	20	9	1
Class	0-5	5-10	10-15	15-20	20-25									
Frequency	10	15	12	20	9									

17	<p>Two dice are rolled simultaneously. What is the probability that 6 will come up at least once?</p> <p>(a) 1/6 (b) 7/36 (c) 11/36 (d) 13/36</p>	1
18	<p>If $5 \tan \beta = 4$, then $\frac{5 \sin \beta - 2 \cos \beta}{5 \sin \beta + 2 \cos \beta} =$</p> <p>(a) 1/3 (b) 2/5 (c) 3/5 (d) 6</p>	1
19	<p>DIRECTION: In the question number 19 and 20, a statement of assertion (A) is followed by a statement of Reason (R). Choose the correct option</p> <p>Statement A (Assertion): If product of two numbers is 5780 and their HCF is 17, then their LCM is 340</p> <p>Statement R(Reason) : HCF is always a factor of LCM</p> <p>(a) Both assertion (A) and reason (R) are true and reason (R) is the correct explanation of assertion (A)</p> <p>(b) Both assertion (A) and reason (R) are true and reason (R) is not the correct explanation of assertion (A)</p> <p>(c) Assertion (A) is true but reason (R) is false.</p> <p>(d) Assertion (A) is false but reason (R) is true.</p>	1
20	<p>Statement A (Assertion): If the co-ordinates of the mid-points of the sides AB and AC of $\triangle ABC$ are D(3,5) and E(-3,-3) respectively, then BC = 20 units</p> <p>Statement R(Reason) : The line joining the mid points of two sides of a triangle is parallel to the third side and equal to half of it.</p> <p>(a) Both assertion (A) and reason (R) are true and reason (R) is the correct explanation of assertion (A)</p> <p>(b) Both assertion (A) and reason (R) are true and reason (R) is not the correct explanation of assertion (A)</p> <p>(c) Assertion (A) is true but reason(R) is false.</p> <p>(d) Assertion (A) is false but reason(R) is true.</p>	1

SECTION B		
Section B consists of 5 questions of 2 marks each.		
S.No.		Marks
21	If $49x+51y= 499$, $51x+49y= 501$, then find the value of x and y	2
22	<p>In the given figure below, $\frac{AD}{AE} = \frac{AC}{BD}$ and $\angle 1 = \angle 2$. Show that $\Delta BAE \sim \Delta CAD$.</p> 	2
23	<p>In the given figure, O is the centre of circle. Find $\angle AQB$, given that PA and PB are tangents to the circle and $\angle APB= 75^\circ$.</p> 	2
24	<p>The length of the minute hand of a clock is 6cm. Find the area swept by it when it moves from 7:05 p.m. to 7:40 p.m.</p> <p style="text-align: center;">OR</p> <p>In the given figure, arcs have been drawn of radius 7cm each with vertices A, B, C and D of quadrilateral ABCD as centres. Find the area of the shaded region.</p> 	2

25	If $\sin(A+B) = 1$ and $\cos(A-B) = \frac{\sqrt{3}}{2}$, $0^\circ < A+B \leq 90^\circ$ and $A > B$, then find the measures of angles A and B. OR Find an acute angle θ when $\frac{\cos\theta - \sin\theta}{\cos\theta + \sin\theta} = \frac{1-\sqrt{3}}{1+\sqrt{3}}$	2

	SECTION C	
	Section C consists of 6 questions of 3 marks each.	
S.No		Marks
26	Given that $\sqrt{3}$ is irrational, prove that $5 + 2\sqrt{3}$ is irrational.	3
27	If the zeroes of the polynomial $x^2 + px + q$ are double in value to the zeroes of the polynomial $2x^2 - 5x - 3$, then find the values of p and q.	3
28	A train covered a certain distance at a uniform speed. If the train would have been 6 km/h faster, it would have taken 4 hours less than the scheduled time. And, if the train were slower by 6 km/hr ; it would have taken 6 hours more than the scheduled time. Find the length of the journey. OR Anuj had some chocolates, and he divided them into two lots A and B. He sold the first lot at the rate of ₹2 for 3 chocolates and the second lot at the rate of ₹1 per chocolate, and got a total of ₹400. If he had sold the first lot at the rate of ₹1 per chocolate, and the second lot at the rate of ₹4 for 5 chocolates, his total collection would have been ₹460. Find the total number of chocolates he had.	3
29	Prove the following that- $\frac{\tan^3\theta}{1 + \tan^2\theta} + \frac{\cot^3\theta}{1 + \cot^2\theta} = \sec\theta \operatorname{cosec}\theta - 2 \sin\theta \cos\theta$	3
30	Prove that a parallelogram circumscribing a circle is a rhombus OR	3

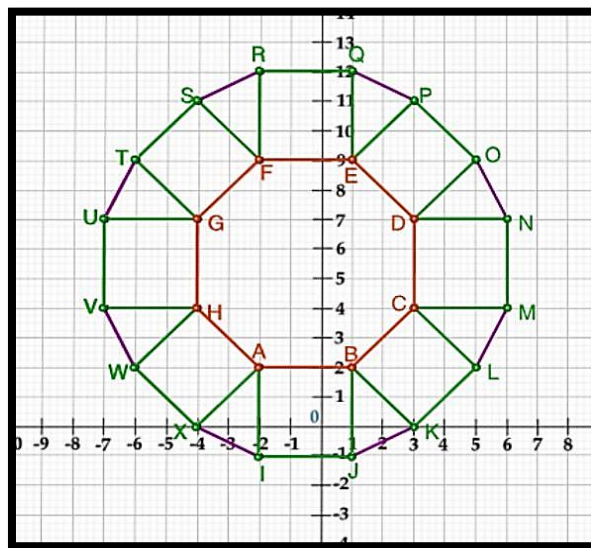
	<p>In the figure XY and $X'Y'$ are two parallel tangents to a circle with centre O and another tangent AB with point of contact C intersecting XY at A and $X'Y'$ at B, what is the measure of $\angle AOB$.</p> 	
31	<p>Two coins are tossed simultaneously. What is the probability of getting</p> <ul style="list-style-type: none"> (i) At least one head? (ii) At most one tail? (iii) A head and a tail? 	3
SECTION D		
Section D consists of 4 questions of 5 marks each.		
S.No		Marks
32	<p>To fill a swimming pool two pipes are used. If the pipe of larger diameter used for 4 hours and the pipe of smaller diameter for 9 hours, only half of the pool can be filled. Find, how long it would take for each pipe to fill the pool separately, if the pipe of smaller diameter takes 10 hours more than the pipe of larger diameter to fill the pool?</p> <p style="text-align: center;">OR</p> <p>In a flight of 600km, an aircraft was slowed down due to bad weather. Its average speed for the trip was reduced by 200 km/hr from its usual speed and the time of the flight increased by 30 min. Find the scheduled duration of the flight.</p>	5
33	<p>Prove that if a line is drawn parallel to one side of a triangle intersecting the other two sides in distinct points, then the other two sides are divided in the same ratio.</p> <p>Using the above theorem prove that a line through the point of intersection of the diagonals and parallel to the base of the trapezium divides the non parallel sides in the same ratio.</p>	5

34	<p>Due to heavy floods in a state, thousands were rendered homeless. 50 schools collectively decided to provide place and the canvas for 1500 tents and share the whole expenditure equally. The lower part of each tent is cylindrical with base radius 2.8 m and height 3.5 m and the upper part is conical with the same base radius, but of height 2.1 m. If the canvas used to make the tents costs ₹120 per m², find the amount shared by each school to set up the tents.</p> <p style="text-align: center;">OR</p> <p>There are two identical solid cubical boxes of side 7cm. From the top face of the first cube a hemisphere of diameter equal to the side of the cube is scooped out. This hemisphere is inverted and placed on the top of the second cube's surface to form a dome. Find</p> <p>(i) the ratio of the total surface area of the two new solids formed</p> <p>(ii) volume of each new solid formed.</p>	5																						
35	<p>The median of the following data is 525. Find the values of x and y, if the total frequency is 100</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Class interval</th> <th>Frequency</th> </tr> </thead> <tbody> <tr> <td>0–100</td> <td>2</td> </tr> <tr> <td>100–200</td> <td>5</td> </tr> <tr> <td>200–300</td> <td>x</td> </tr> <tr> <td>300–400</td> <td>12</td> </tr> <tr> <td>400–500</td> <td>17</td> </tr> <tr> <td>500–600</td> <td>20</td> </tr> <tr> <td>600–700</td> <td>y</td> </tr> <tr> <td>700–800</td> <td>9</td> </tr> <tr> <td>800–900</td> <td>7</td> </tr> <tr> <td>900–1000</td> <td>4</td> </tr> </tbody> </table>	Class interval	Frequency	0–100	2	100–200	5	200–300	x	300–400	12	400–500	17	500–600	20	600–700	y	700–800	9	800–900	7	900–1000	4	5
Class interval	Frequency																							
0–100	2																							
100–200	5																							
200–300	x																							
300–400	12																							
400–500	17																							
500–600	20																							
600–700	y																							
700–800	9																							
800–900	7																							
900–1000	4																							

SECTION E	
Case study based questions are compulsory.	
36	<p>A tiling or tessellation of a flat surface is the covering of a plane using one or more geometric shapes, called tiles, with no overlaps and no gaps. Historically, tessellations were used in ancient Rome and in Islamic art. You may find tessellation patterns on floors, walls, paintings etc. Shown below is a tiled floor in the archaeological Museum of Seville, made using squares, triangles and hexagons.</p>



A craftsman thought of making a floor pattern after being inspired by the above design. To ensure accuracy in his work, he made the pattern on the Cartesian plane. He used regular octagons, squares and triangles for his floor tessellation pattern



Use the above figure to answer the questions that follow:

- (i) What is the length of the line segment joining points B and F? 1
- (ii) The centre 'Z' of the figure will be the point of intersection of the diagonals of quadrilateral WXOP. Then what are the coordinates of Z? 1
- (iii) What are the coordinates of the point on y axis equidistant from A and G? 2

OR

What is the area of Trapezium AFGH?

37 The school auditorium was to be constructed to accommodate at least 1500 people. The chairs are to be placed in concentric circular arrangement in such a way that each succeeding circular row has 10 seats more than the previous one.



- (i) If the first circular row has 30 seats, how many seats will be there in the 10th row? **1**
- (ii) For 1500 seats in the auditorium, how many rows need to be there? **2**

OR

If 1500 seats are to be arranged in the auditorium, how many seats are still left to be put after 10th row?

- (iii) If there were 17 rows in the auditorium, how many seats will be there in the middle row? **1**

38 We all have seen the airplanes flying in the sky but might have not thought of how they actually reach the correct destination. Air Traffic Control (ATC) is a service provided by ground-based air traffic controllers who direct aircraft on the ground and through a given section of controlled airspace, and can provide advisory services to aircraft in non-controlled airspace. Actually, all this air traffic is managed and regulated by using various concepts based on coordinate geometry and trigonometry.



	<p>At a given instance, ATC finds that the angle of elevation of an airplane from a point on the ground is 60°. After a flight of 30 seconds, it is observed that the angle of elevation changes to 30°. The height of the plane remains constantly as $3000\sqrt{3}$ m. Use the above information to answer the questions that follow-</p> <p>(i) Draw a neat labelled figure to show the above situation diagrammatically.</p> <p>(ii) What is the distance travelled by the plane in 30 seconds?</p> <p style="text-align: center;">OR</p> <p>Keeping the height constant, during the above flight, it was observed that after $15(\sqrt{3} - 1)$ seconds, the angle of elevation changed to 45°. How much is the distance travelled in that duration.</p> <p>(iii) What is the speed of the plane in km/hr.</p>	<p>1</p> <p>2</p> <p>1</p>
--	--	---

SAMPLE QUESTION PAPER (2022-23)
ENGLISH LANGUAGE AND LITERATURE (Code No. 184)
CLASS-X

Time allowed: 3 Hrs.

Maximum Marks: 80

General Instructions:

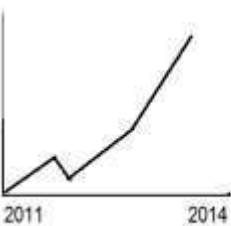
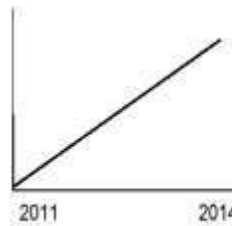
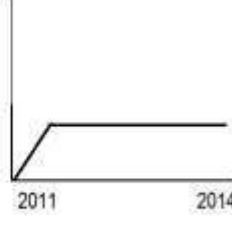
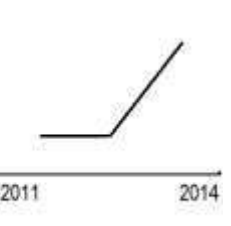
1. 15-minute prior reading time allotted for Q-paper reading.
2. The Question Paper contains THREE sections-READING, GRAMMAR & WRITING and LITERATURE.
3. Attempt questions based on specific instructions for each part.

Section A: READING SKILLS		20 Marks
I	Read the passage given below.	10
1	Mountains have always been held in great awe by mankind. They have been a challenge to humans. Those brave among us have always wanted to conquer them. You see, the more incredible the mountains, the greater the thrill – a challenge to the bravery of the human race. Climbing mountains is an experience that is hard to put into words. You are in a beautiful environment and, when you reach the top, you feel incredible. But you also have to climb down, which is when most accidents happen – people are tired, it gets dark, it’s harder. So, mountain climbing is undoubtedly one of the most popular adventure sports along with being challenging and risky for the climber.	
2	Without any perceived risk, there can’t be a feeling that any significant challenge has been surmounted. Fair, but we have to bear in mind that mountaineering is not a sport that can be embraced without preparation. The enthusiasts must develop in themselves the spirit of adventure, willingness to undertake hardships and risks, extraordinary powers of perseverance, endurance, and keenness of purpose before climbing a mountain. They should also know how to handle the mountaineering equipment. Then comes the penance of the rigorous training. This could very well be the lifeline up there. It helps inculcate and hone survival instincts that allow the climber to negotiate perilous situations. There are numerous institutes in India and abroad that offer such training.	
3	Mountain climbers are unanimous in agreeing that the unpredictable weather is what they fear the most. There may be sunshine one moment and a snowstorm the other. At higher altitudes, snow is a regular feature and being decisive about setting up camps or proceeding further is crucial. The icy sheets after ice storms make walking treacherous, while the powdery snow makes a mountaineer sink deep into the snow. Up there, where the intention is to embrace Nature’s wonder, one realises that it cannot be done without facing its formidable glory. A true mountaineer may challenge the mountain, yet is always respectful to the powerful forces of nature.	
4	Summitting mountains carries its own health risks such as oxygen and altitude sickness problems, frost bites, swelling of hands and feet, fluid collection in brain or lungs and exhaustion. Yet, the gratification mountaineers feel from mastering something that is so frightening, urges them to undertake these endeavours. We may think that the mountaineers are fearless, experts say, “Not	

	at all. It's fear that keeps them so intrigued with such arduous journeys." Impulse and brazenness can be deadly foes. In the words of the Indian mountaineer, Bachendri Pal, "The biggest risk ... is to not to take the risk at all. Remember that."					
	(444 words) Adapted— https://evirtualguru.com/essay-on-mountaineering https://fairgaze.com/fgnews/mountaineering-origin-and-its-benefits_71549.html https://www.aplustopper.com/essay-on-mountain-climbing/					
	Based on your understanding of the passage, answer the questions given below.	1x10				
I	Why does the writer say that mountains inspire 'awe' in humans? (Paragraph 1) A. They present us with opportunities for exciting sports. B. They evoke the wish in us, to master them. C. They inspire in us, deeds of valour. D. They represent peace and calm, to us.	1				
ii	Select the option that corresponds to the following relation below: The <u>more incredible</u> the mountains—the <u>greater</u> the thrill (Paragraph 1) A. The <u>higher</u> the stamina—the <u>lower</u> the food intake B. The <u>more</u> you laugh—the <u>lesser</u> your illness C. The <u>smaller</u> the car—the <u>bigger</u> the advantage D. The <u>heavier</u> the luggage—the <u>higher</u> the penalty	1				
iii	Select the option that displays what the writer projects, with reference to the following: <i>So, mountain climbing is undoubtedly one of the most popular adventure sports</i> (Paragraph 1) A. doubt B. caution C. conviction D. denial	1				
iv	Complete the following with a phrase from paragraph 1. <table border="1"> <tr> <td>Opinion</td> <td>Reason</td> </tr> <tr> <td>_____</td> <td>Best experienced rather than described</td> </tr> </table>	Opinion	Reason	_____	Best experienced rather than described	1
Opinion	Reason					
_____	Best experienced rather than described					
V	The writer compares training to penance in the line -- <i>Then comes the penance of the rigorous training.</i> (Paragraph 2) State 1 point of similarity between training and penance.	1				

vi	<p>Based on your reading of the text, list 2 reasons why the writer says that “mountaineering is not a sport that can be embraced without preparation”. (Paragraph 2)</p> <p>1) _____</p> <p>2) _____</p>	1
vii	<p>What connect does the writer draw out between unpredictable weather and setting up of camps? (Paragraph 3)</p>	1
viii	<p>The writer says, “A true mountaineer may challenge the mountain, yet is always respectful to the powerful forces of nature.” (Paragraph 3)</p> <p>Select the reason the mountaineer is respectful to the forces of nature, up in the mountains.</p> <p>A. survival B. experience C. tradition D. directive</p>	1
ix	<p>Supply 1 point to justify the following:</p> <p><i>While mountain climbing, an impulsive mountaineer is either disaster-prone or as good as dead.</i></p>	1
x	<p>Evaluate the INAPPROPRIATE reason for the feeling of exhilaration on reaching a summit, that the mountain-climbers experience.</p> <p>A. Achievement of a seemingly impossible feat B. Spectacular panoramic view C. Application of the inculcated survival instincts D. Opportunity to use sophisticated mountaineering equipment</p>	1
II	<p>Read the passage given below.</p>	10
1	<p>The North-East of India is a melting pot of variegated cultural mosaic of people and races, an ethnic tapestry of many hues and shades. Yet, these states are lesser explored as compared to the rest of the country. The new generations of travellers who are ‘money rich and time poor’ are increasingly looking for unique experiences --a phenomenon being called the emergence of the ‘experience economy’. For this new and growing breed of tourists, the North-East with its variety and uniqueness holds immense attraction.</p>	
	<p>A study conducted in 2020 by Dr. Sherap Bhutia, revealed that the foreign tourist arrival in the North-East increased from 37,380 persons in 2005 to 118,552 in 2014. The overall growth rate of tourist (both domestic and foreign) in the North-East was as high as 26.44% during 2005-06. A</p>	

2	<p>high and positive growth of 12.53% was registered in foreign tourist visits to North-East States of India during 2012 from 2011, which further rose to register a growth of 27.93% during 2013 from 2012. Foreign tourist arrivals in the North-East witnessed a growth of 39.77% during 2014 from 2013, according to data provided from the Ministry of Tourism, Government of India.</p>	
3	<p>The study recommendations for tourism planners included the need to concentrate on some key areas like enhancement of tourist facilities, tourism financing, focus on community involvement and others for the formulation of a sustainable tourism strategy in the North-East States of India.</p>	
	<p>(234 words) Adapted – https://socialsciencesearch.org/index.php/GJHSS/article/view/3162</p>	
i	<p>Infer one reason for the following, based on information in paragraph 1.</p> <p>The rate of tourism in the North-East of India puzzles tourism officials.</p>	1
ii	<p>Select the appropriate option to fill in the blanks.</p> <p><i>From paragraph 1, we can infer that the _____ and _____ of the North-Eastern states aid attracting the ‘money rich and time poor’ tourists.</i></p> <p>1. distinctiveness 2. conventionality 3. diversity 4. uniformity 5. modernity</p> <p>A. 1 & 3 B. 2 & 4 C. 2 & 5 D. 1 & 4</p>	1
iii	<p>Complete the following analogy correctly with a word/ phrase from paragraph 1:</p> <p>aroma: cooking::_____: painting (<i>Clue: Just like aroma is integral to cooking, similarly _____ is/ are integral to painting</i>)</p>	1
iv	<p>Select the correct option to complete the following sentence:</p> <p>Travellers advocating the ‘experience economy’ seek a holiday package with _____ (Paragraph 1)</p> <p>A. grand facilities, expensive hotels and excellent services to pamper them. B. a wholesome experience within the budget they have planned for. C. places and cities to buy things from and opportunities spend money. D. cost-effective services, affordable accommodation and many days of touring.</p>	1

<p>v</p>	<p>Select the chart that appropriately represents the trend of foreign tourist travels in the North-East, from 2011-2014, as per paragraph 2.</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>(1)</p> </div> <div style="text-align: center;">  <p>(2)</p> </div> <div style="text-align: center;">  <p>(3)</p> </div> <div style="text-align: center;">  <p>(4)</p> </div> </div> <p>A. Option 1 B. Option 2 C. Option 3 D. Option 4</p> <p style="text-align: center;">For the Visually Impaired Candidates</p> <p>Describe the trend of foreign tourist travels in the North-East, from 2011-2014 in ONE word, as per paragraph 2.</p>	<p>1</p>
<p>vi</p>	<p>Fill in the blank by selecting the correct option.</p> <p>The study of tourist travel statistics in the North-East, from 2005 to 2014 showed _____ results.</p> <p>A. expected B. encouraging C. inconsistent D. questionable</p>	<p>1</p>
<p>vii</p>	<p>Substitute the word 'witnessed' with ONE WORD similar in meaning, in the following, sentence from paragraph 2:</p> <p><i>Foreign tourist arrivals in the North-East <u>witnessed</u> a growth of...</i></p>	<p>1</p>
<p>viii</p>	<p>List any 2 examples of 'tourist facilities' as referred to, in Paragraph 3.</p>	<p>1</p>
<p>ix</p>	<p>List one reason why the researchers recommend that the formulation of a tourism strategy in the North-Eastern States of India be sustainable.</p>	<p>1</p>
<p>x</p>	<p>Select the option that titles paragraphs 1-3 appropriately, with reference to information in the text.</p> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 22%;"> <p>1 Full Speed Ahead! 2 Ups and Downs 3 Cause for Concern</p> <p>(A)</p> </div> <div style="width: 22%;"> <p>1 Winds of Change 2 Numbers Don't Lie 3 Time for Action</p> <p>(B)</p> </div> <div style="width: 22%;"> <p>1 Inspecting Trends 2 Statistically Speaking 3 Let's Investigate</p> <p>(C)</p> </div> <div style="width: 22%;"> <p>1 Cause & Effect 2 Dynamic Data 3 Dependable Facts</p> <p>(D)</p> </div> </div>	<p>1</p>

III	SECTION B –GRAMMAR																
	Attempt ANY TEN of the following questions.	10															
i	<p>Fill in the blank by choosing the correct option to complete an online update.</p> <p>The climate control comment by an activist_____on social media yesterday.</p> <p>A. blow up B. blew up C. is blown D. will be blown</p>	1															
ii	<p>Read the conversation between a doctor and his patient. Complete the sentence by reporting the patient’s reply correctly.</p> <p>Doctor: Do you feel down from time-to-time Mr. Gopalan? Patient: Yes, I do not stay in a good mood.</p> <p>The doctor, while trying to figure out his patient’s ailment, asked about his well-being, to which, the patient affirmed_____.</p>	1															
iii	<p>Select the correct option to fill in the blank for the given line, from a health magazine.</p> <p>The advertisement read, ‘If you smoke, statistically your story_____end 15% before it should’.</p> <p>A. must B. should C. will D. ought to</p>	1															
iv	<p>Select the option that identifies the error and supplies the correction for the following line, from a news report:</p> <p>Last week a child was not allowed to board the plane at Ranchi airport.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Option no.</th> <th>error</th> <th>correction</th> </tr> </thead> <tbody> <tr> <td>A.</td> <td>child</td> <td>children</td> </tr> <tr> <td>B.</td> <td>last</td> <td>previous</td> </tr> <tr> <td>C.</td> <td>the</td> <td>a</td> </tr> <tr> <td>D.</td> <td>at</td> <td>in</td> </tr> </tbody> </table>	Option no.	error	correction	A.	child	children	B.	last	previous	C.	the	a	D.	at	in	1
Option no.	error	correction															
A.	child	children															
B.	last	previous															
C.	the	a															
D.	at	in															
v	<p>Complete the given narrative, by filling in the blank with the correct option:</p> <p>As I was standing on the dock, looking out at the lake for the last time, a feeling of emptiness_____over me like darkness.</p>	1															

	<p>A. will wash B. had washed C. will have washed D. washed</p>					
vi	<p>Fill in the blank by using the correct form of the word in the bracket, for the given portion of a letter:</p> <p>Subject: Request for Approval</p> <p>Dear Sir</p> <p>This is to respectfully submit that I _____(seek) approval for organising a tree plantation drive to be undertaken by the club.</p>	1				
vii	<p>Report the dialogue between a grandson and his grandfather, by completing the sentence:</p> <p>Grandson: Grandpa, who are your superheroes? Grandpa: Anyone who shows kindness and compassion to others.</p> <p>In response to the question about his superheroes, grandfather says that _____.</p>	1				
viii	<p>Identify the error in the given sentence, from a school magazine report and supply the correction.</p> <p>In order to balancing the sentiments of the Eagles and the Hawks, the Student Council suggested a rematch between the teams.</p> <p>Use the given format for your response.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="padding: 2px;">error</td> <td style="padding: 2px;">correction</td> </tr> <tr> <td style="height: 20px;"></td> <td style="height: 20px;"></td> </tr> </table>	error	correction			1
error	correction					
ix	<p>Sunil shared some information, with Tariq, about a holiday at sea. Report Tariq’s question.</p> <p>Did you enjoy travelling by sea?</p>	1				
x	<p>Fill in the blank by choosing the correct option, to complete the slogan by the Ministry for Child Welfare.</p> <p>_____ WE AFFORD TO NEGLECT CHILDREN? THINK TWICE!!</p> <p>A. WILL B. MAY C. NEED D. CAN</p>	1				

xi	<p>Select the correct option to complete the narration of the dialogue between Latha and her father.</p> <p>Father: Why ask so many questions, Latha? Latha: I believe that if you don't know the answer, keep asking till you do!</p> <p>Father asked Latha the reason for the many questions she was asking. Latha exclaimed good-humouredly that in event of not knowing the answer one should _____.</p> <p>A. keep asking till one does. B. kept asking till one does. C. keep asking till one do. D. kept on to ask till one do.</p>	1				
xii	<p>Identify the error on a shop's hoarding and supply the correction, for the following sales offer:</p> <div style="border: 1px dashed black; padding: 10px; margin: 10px 0;"> <p>Gumnaam & Daughters Pvt. Ltd. Bindapur, Jharkhand</p> <p>Massive discount for all senior citizen vaccinated with the precautionary dose.</p> </div> <p>Use the given format for your response.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="padding: 5px;">error</td> <td style="padding: 5px;">correction</td> </tr> <tr> <td style="height: 20px;"></td> <td style="height: 20px;"></td> </tr> </table>	error	correction			1
error	correction					
IV	SECTION B –CREATIVE WRITING SKILLS	10				
<i>All the names and addresses used in the questions are fictitious. Resemblance, if any, is purely coincidental.</i>						
1.	Attempt ANY ONE from A and B given below.	5				
A.	<p>You are Sunidhi Prakash, the Vice Captain of Brilliant Vidyalaya, Barra, Kanpur. You have recently noticed several posters around your school premises conveying a hazardous message:</p> <p style="text-align: center;"><i>Lose weight in just a month!</i> <i>“A WONDER DIET comes to your rescue ... A privilege available for only a few!”</i></p> <p>Write a letter to the Editor of The DWA, in not more than 120 words, drawing attention towards harm caused by such advertising. Propose the implementation of “Wholesome Lunch Month’ in schools as an idea to address such practices, mention the advantages and share suggestions to foster healthy eating routines and develop positive body image among youngsters.</p>					
OR						
B.	You are Zac Skaria, a resident of # 412, Magna Greens Apartments, Gandhi Marg, Jonpara, Mumbai. Three students of grade 10 from your residential complex have					

	rescued and rehabilitated a few old beggars from the neighbourhood. You think that their work deserves appreciation and recognition. Write a letter to the President of the RWA, seeking recommendation for these youth, to be nominated for 'Serving Citizens' Award'. Suggest other ways such acts of kindness could be recognised and awarded in the future.					
2.	Attempt ANY ONE from A and B given below.	5				
A.	<p>Gurmeet Kaur is an aspiring candidate for a public-funded engineering college in the suburbs. She belongs to a nearby village, has minimal technological skills and exposure, has the required cut-off percentage and is looking for a complete or partial scholarship.</p> <p>Write a paragraph in about 100-120 words, analysing her SWOT notes to support your stand on whether she should join/not join the college.</p> <table border="1"> <tr> <td> <p style="text-align: center;">STRENGTH</p> <ul style="list-style-type: none"> ▪ Strong Curriculum ▪ Quality faculty ▪ Vibrant Activity Clubs ▪ Green location ▪ Close proximity to residential areas </td> <td> <p style="text-align: center;">WEAKNESS</p> <ul style="list-style-type: none"> ▪ Lack of diversity ▪ Students' behavioural problems ▪ No hostel facility ▪ Slow repair and maintenance work ▪ Underutilization of IT Services ▪ Lack of targeted advertisements to out-state students </td> </tr> <tr> <td> <p style="text-align: center;">OPPORTUNITIES</p> <ul style="list-style-type: none"> ▪ Practice based research ▪ Partnership with professional organisations ▪ Strong alumni ▪ Acclaimed Student Exchange Programme with European countries </td> <td> <p style="text-align: center;">THREAT</p> <ul style="list-style-type: none"> ▪ Lack of publicity in areas of excellence ▪ Public perception towards funded colleges ▪ Declining students' interest towards technical subjects ▪ Low employee morale due to budget cuts </td> </tr> </table>	<p style="text-align: center;">STRENGTH</p> <ul style="list-style-type: none"> ▪ Strong Curriculum ▪ Quality faculty ▪ Vibrant Activity Clubs ▪ Green location ▪ Close proximity to residential areas 	<p style="text-align: center;">WEAKNESS</p> <ul style="list-style-type: none"> ▪ Lack of diversity ▪ Students' behavioural problems ▪ No hostel facility ▪ Slow repair and maintenance work ▪ Underutilization of IT Services ▪ Lack of targeted advertisements to out-state students 	<p style="text-align: center;">OPPORTUNITIES</p> <ul style="list-style-type: none"> ▪ Practice based research ▪ Partnership with professional organisations ▪ Strong alumni ▪ Acclaimed Student Exchange Programme with European countries 	<p style="text-align: center;">THREAT</p> <ul style="list-style-type: none"> ▪ Lack of publicity in areas of excellence ▪ Public perception towards funded colleges ▪ Declining students' interest towards technical subjects ▪ Low employee morale due to budget cuts 	
<p style="text-align: center;">STRENGTH</p> <ul style="list-style-type: none"> ▪ Strong Curriculum ▪ Quality faculty ▪ Vibrant Activity Clubs ▪ Green location ▪ Close proximity to residential areas 	<p style="text-align: center;">WEAKNESS</p> <ul style="list-style-type: none"> ▪ Lack of diversity ▪ Students' behavioural problems ▪ No hostel facility ▪ Slow repair and maintenance work ▪ Underutilization of IT Services ▪ Lack of targeted advertisements to out-state students 					
<p style="text-align: center;">OPPORTUNITIES</p> <ul style="list-style-type: none"> ▪ Practice based research ▪ Partnership with professional organisations ▪ Strong alumni ▪ Acclaimed Student Exchange Programme with European countries 	<p style="text-align: center;">THREAT</p> <ul style="list-style-type: none"> ▪ Lack of publicity in areas of excellence ▪ Public perception towards funded colleges ▪ Declining students' interest towards technical subjects ▪ Low employee morale due to budget cuts 					
	OR					
B.	<p>Read the following excerpt from an online post of a website on educational practices.</p> <p><i>Kids who appreciate how much effort, time and care goes into growing food will understand how important farmers are, and why it's important to take care of our Earth. In the world of today, gardening needs to be given more importance than sports, music and dance in all schools because it creates environmental stewards and outdoor learning laboratories that help the child and community for years to come.</i></p> <p>Write a paragraph in 100-120 words to analyse the given argument.</p> <p>You could think about what alternative explanations might weaken the given conclusion and include rationale / evidence that would strengthen / counter the given argument.</p>					

SECTION C - LITERATURE		40
v	Reference to the Context	10
1	Attempt ANY ONE of two extracts given.	5
1.A	<p>“Hey, a tea garden!” Rajvir cried excitedly. Pranjol, who had been born and brought up on a plantation, didn’t share Rajvir’s excitement. “Oh, this is tea country now,” he said. “Assam has the largest concentration of plantations in the world. You will see enough gardens to last you a lifetime!” “I have been reading as much as I could about tea,” Rajvir said. “No one really knows who discovered tea but there are many legends.”</p> <p style="text-align: right;"><i>(Glimpses of India)</i></p>	
i.	<p>Why was Pranjol not as excited as Rajvir about the tea gardens?</p> <p>A. He disliked looking at tea gardens. B. He had worked in tea gardens himself. C. He had grown up in and around tea gardens. D. He was bored with tea gardens.</p>	1
ii.	<p>What does Pranjol mean by saying that Assam has the largest concentration of plantations in the world?</p>	1
iii.	<p>Fill in the blank with ONE WORD only.</p> <p>Pranjol’s _____ comes through clearly when he exclaims, “You will see enough gardens to last you a lifetime!”</p>	1
iv.	<p>How according to Rajvir does the world know about the discovery of tea?</p> <p>A. Historical places B. Traditional tales C. Authentic anecdotes D. Popular publications</p>	1
v.	<p>Select the option that correctly captures the application of the word ‘cried’ as used in line 1 of the extract.</p> <p>A. Jaspreet <u>cried</u> a lot in spite of winning second place in a competition. B. Jaspreet <u>cried</u> out loud when she saw a white tiger in the sanctuary. C. Jaspreet <u>cried</u> for hours when the police were unable to find her lost pet. D. Jaspreet has barely <u>cried</u> since she was three years of age.</p>	1
OR		
1.B	<p>OMEGA: It shall be done, Sir. Remove vitamins. (Crew takes vitamins from boxes on their belts.) Present vitamins.</p>	

	<p>(They hold vitamins out in front of them, stiffly.) Swallow vitamins. (They pop the vitamins into their mouths and gulp simultaneously. They open their eyes wide, their heads shake, and they put their hands to their foreheads.)</p> <p>THINK-TANK: Excellent. Now, decipher that code.</p> <p>ALL: It shall be done, Sir. (They frown over the book, turning pages.)</p> <p>OMEGA: (brightly) Aha!</p> <p>IOTA: (brightly) Oho!</p> <p>OOP: (bursting into laughter) Ha, ha, ha.</p> <p>THINK-TANK: What does it say? Tell me this instant. Transcribe, Omega.</p> <p style="text-align: right;"><i>(The Book that Saved the Earth)</i></p>	
i.	<p>Select the option that correctly captures the usage of the word 'present' from line 1 of the extract.</p> <p>A. Oops received a nice <u>present</u> from Think Tank.</p> <p>B. Iota needs to <u>present</u> his opinion firmly.</p> <p>C. Omega must focus on the <u>present</u> and leave the past behind.</p> <p>D. Oops didn't know anyone even though a crowd was <u>present</u>.</p>	1
ii.	<p>Complete the analogy by selecting the suitable word from the text</p> <p>frown: smile:: gloomily: _____</p>	1
iii.	<p>Select the option that displays the reason why all crew members were asked to have vitamins.</p> <p>In order to -</p> <p>A. boost their physical energies.</p> <p>B. adapt to their circumstances.</p> <p>C. quickly turn all the pages.</p> <p>D. accomplish a specific task.</p>	1
iv.	<p>According to the extract, what did THINK-TANK most likely want OMEGA to do when he said 'Transcribe...?'</p> <p>1. read aloud</p> <p>2. translate</p> <p>3. make notes</p> <p>4. interpret</p> <p>5. record reactions</p> <p>Select the correct option.</p> <p>A. 1 & 3</p> <p>B. 2 & 4</p> <p>C. Only 3</p> <p>D. 1, 4 and 5</p>	1

v.	<p>The playwright places certain words and sentences in brackets in the given extract. List any ways these benefit both the director and actors.</p> <p>i) _____</p> <p>ii) _____</p>	1
2	Attempt ANY ONE of two extracts given.	5
2.A	<p style="text-align: center;">The trees inside are moving out into the forest, the forest that was empty all these days where no bird could sit no insect hide no sun bury its feet in shadow the forest that was empty all these nights will be full of trees by morning.</p> <p style="text-align: right;"><i>(The Trees)</i></p>	
i.	<p>Complete the sentence appropriately.</p> <p>It is clear that Personification is the poetic device used for 'No sun bury its feet...' because _____. (<i>Clue: explain how personification applies here</i>)</p>	1
ii.	<p>The poet has used a poetic device in the given lines. What effect does she wish to create by its use?</p> <p><i>...no bird could sit no insect hide no sun...</i></p> <p>A. emphasis B. comparison C. rhyme D. humour</p>	1
iii.	<p>State whether the following statement is TRUE or FALSE:</p> <p>The extract uses trees as a symbol for conservative people.</p>	1
iv.	<p>Select the appropriate option to complete the sentence, according to the extract.</p> <p>The idea of a forest that has been 'empty all these days' is _____.</p> <p>A. unnatural B. scary C. magical D. legendary</p>	1

<p>v.</p>	<p>How does the use of enjambment impact this extract?</p> <p>A. It forces frequent pauses. B. It simplifies the meaning. C. It builds momentum. D. It makes the lines lyrical.</p>	<p>1</p>
<p>OR</p>		
<p>2.B</p>	<p>But I can get a hair-dye And set such colour there, Brown, or black, or carrot, That young men in despair May love me for myself alone And not my yellow hair.”</p> <p style="text-align: right;"><i>(For Anne Gregory)</i></p>	
<p>i.</p>	<p>What is the poet’s tone in the extract?</p> <ol style="list-style-type: none"> 1. thoughtful 2. authoritative 3. agitated 4. insulting 5. argumentative <p>Select the appropriate option.</p> <p>A. 1, 4 B. 3, 5 C. 2, 4 D. 1, 5</p>	<p>1</p>
<p>ii.</p>	<p>What causes the young men to ‘despair’, according to the extract?</p>	<p>1</p>
<p>iii.</p>	<p>Identify the reason for the speaker’s need to colour her hair, as per the extract.</p> <p>A. Her control over what makes her look beautiful. B. Her desire to be loved for inner beauty C. Her need to change people’s perception about beauty D. Her conviction that she is beautiful inside</p>	<p>1</p>
<p>iv.</p>	<p>Complete the analogy about the speaker’s hair. yellow: blonde :: _____ : carrot</p>	<p>1</p>
<p>v</p>	<p>Select the sentence in which the word ‘set’ is used in the similar manner as line 2 of the extract.</p> <p>A. I want to <u>set</u> him up and get my work done this time. B. Do you have another <u>set</u> of the books that I can read? C. The dessert needs to <u>set</u> for two hours before being served.</p>	<p>1</p>

	D. The <u>set</u> for the school play looked quite grand.	
VI	Answer ANY FOUR of the following in about 40-50 words each.	4*3=12
i.	Validate the given statement with reference to baby seagull's fear. 'Fear doesn't exist anywhere else other than one's mind.' <i>(His First Flight- Two Stories about Flying)</i>	3
ii.	Explain why the poet personally holds the conviction that the world will primarily end in fire? <i>(Fire and Ice)</i>	3
iii.	Valli's unique maiden bus ride experience could be possible because she belonged to a small village. Do you agree? Why? /Why not? (2 reasons) <i>(Madam Rides a Bus)</i>	3
iv.	Give one reason why ' <i>The Tale of Custard the Dragon</i> ' is more a fable than a ballad.	3
v.	How can we say that Natalya was continuously successful in maintaining an upper hand during her arguments with Lomov? (Any one example) <i>(The Proposal)</i>	3
VII	Answer ANY TWO of the following in about 40-50 words each.	2*3=6
i.	Dr. Herriot knew his patients as well as their owners really well. Discuss. <i>(The Triumph of Surgery)</i>	3
ii.	State one likely reason the writer of <i>The Midnight Visitor</i> chose to characterise Ausable as short and fat.	3
iii.	Validate the importance of small, fun learning tasks towards successful careers, in the context of Richard Ebright in <i>The Making of a Scientist</i> .	3
VIII	Answer ANY ONE of the following in about 100-120 words.	1*6=6
i.	Mijbil and the Tiger, both were looked after by humans. Assume they both meet each other in the zoo and have a conversation about their lifestyle and feelings. Write this conversation as per your understanding of <i>Mijbil the Otter</i> and <i>A Tiger in the Zoo</i> . You may begin like this <i>Tiger: Thanks for visiting me, though I don't usually like visitors.</i> <i>Mijbil: Oh? I would love visitors, I think.</i>	6
OR		
ii.	"Not from weeping nor from grieving will anyone obtain peace of mind". If you had to use the message of the given quote from the Buddha's sermon (<i>The Sermon at Benares</i>) to help the boy cope with the loss of his ball and what it signifies (<i>The Ball Poem</i>), what would you include in your advice? Also, evaluate why it might be difficult for him to understand the notion.	6
IX	Answer ANY ONE of the following in about 100-120 words.	1*6=6
i.	Fiction writers prefer creating grey characters rather than black and white. Analyse this in detail, with reference to both the characters of <i>The Thief's Story</i>	6

OR		
ii.	'Honour among thieves' is considered a popular code. Examine <i>A Question of Trust</i> as a story woven around this code.	6

प्रतिदर्श प्रश्नपत्र, 2022-23
विषय-हिंदी, कोर्स-ए (कोड-002)

निर्धारित समय : 3 घंटे

पूर्णांक : 80

सामान्य निर्देश :

- (1) इस प्रश्नपत्र में दो खंड हैं- खंड 'क' और ख'। खंड-क में वस्तुपरक/बहुविकल्पी और खंड-ख में वस्तुनिष्ठ/वर्णनात्मक प्रश्न दिए गए हैं।
- (2) प्रश्नपत्र के दोनों खंडों में प्रश्नों की संख्या 17 है और सभी प्रश्न अनिवार्य हैं।
- (3) यथासंभव सभी प्रश्नों के उत्तर क्रमानुसार लिखिए।
- (4) खंड 'क' में कुल 10 प्रश्न हैं, जिनमें उपप्रश्नों की संख्या 49 है। दिए गए निर्देशों का पालन करते हुए 40 उपप्रश्नों के उत्तर देना अनिवार्य है।
- (5) खंड 'ख' में कुल 7 प्रश्न हैं, सभी प्रश्नों के साथ उनके विकल्प भी दिए गए हैं। निर्देशानुसार विकल्प का ध्यान रखते हुए सभी प्रश्नों के उत्तर दीजिए।

खंड - अ (बहुविकल्पी/ वस्तुपरक प्रश्न)

प्रश्न 1. निम्नलिखित गद्यांश पर आधारित बहुविकल्पी प्रश्नों के सर्वाधिक उपयुक्त विकल्प चुनकर लिखिए-

(1x5=5)

'घर' जैसा छोटा-सा शब्द भावात्मक दृष्टि से बहुत विशाल होता है। इस आधार पर मकान, भवन, फ़्लैट, कमरा, कोठी, बँगला आदि इसके समानार्थी बिलकुल भी नहीं लगते हैं क्योंकि इनका सामान्य संबंध दीवारों, छतों और बाहरी व आंतरिक साज-सज्जा तक सीमित होता है, जबकि घर प्यार-भरोसे और रिश्तों की मिठास से बनता है। एक आदर्श घर वही है, जिसमें प्रेम व भरोसे की दीवारें, आपसी तालमेल की छतें, रिश्तों की मधुरता के खिले-खिले रंग, स्नेह, सम्मान व संवेदनाओं की सज्जा हो। घर में भावात्मकता है, वह भावात्मकता, जो संबंधों को महकाकर परिवार को जोड़े रखती है। यह बात हमें अच्छी तरह याद रखनी चाहिए कि जब रिश्ते महकते हैं, तो घर महकता है, प्यार अठखेलियाँ करता है, तो घर अठखेलियाँ करता है, रिश्तों का उल्लास घर का उल्लास होता है, इसलिए रिश्ते हैं, तो घर है और रिश्तों के बीच बहता प्रेम घर की नींव है। यह नींव जितनी मज़बूत होगी, घर उतना ही मज़बूत होगा। न जाने क्यों, आज का मनुष्य संवेदनाओं से दूर होता जा रहा है, उसके मन की कोमलता, कठोरता में बदल रही है; दिन-रात कार्य में व्यस्त रहने और धनोपार्जन की अति तीव्र लालसा से उसके अंदर मशीनियत बढ़ रही है, इसलिए उसके लिए घर के मायने बदल रहे हैं; उसकी अहमियत बदल रही है, इसी कारण आज परिवार में आपसी कलह, द्वंद्व आदि बढ़ रहे हैं। आज की पीढ़ी प्राइवेट (वैयक्तिकता) के नाम

पर एकाकीपन में सुख खोज रही है। उसकी सोच 'मेरा कमरा, मेरी दुनिया' तक सिमट गई है। एक छत के नीचे रहते हुए भी हम एकाकी होते जा रहे हैं। काश, सब घर की अहमियत समझें और अपना अहं हटाकर घर को घर बनाए रखने का प्रयास करें।

(1) भावात्मक दृष्टि से घर जैसे छोटे-से शब्द की 'विशालता' में निहित हैं-

कथन पढ़कर सही विकल्प का चयन कीजिए-

कथन

- (i) प्रेम, विश्वास, नातों का माधुर्य व संवेदनाएँ
- (ii) आकर्षक बनावट, सुंदर लोग, वैभव व संपन्नता
- (iii) सुंदर रंग संयोजन, आंतरिक सजावट एवं हरियाली
- (iv) स्नेह, सम्मान, सरसता, संवेदनाएँ, संपन्नता व साज-सज्जा

विकल्प

- (क) कथन i सही है।
- (ख) कथन i व ii सही है।
- (ग) कथन ii व iii सही हैं।
- (घ) कथन iii व iv सही हैं।

(2) सामान्य रूप में मकान, भवन, फ़्लैट, कमरा, कोठी आदि शब्दों का संबंध किससे होता है?

- (क) हृदय की भावनाओं से
- (ख) वैभव और समृद्धि से
- (ग) स्थानीय सुविधाओं से
- (घ) बनावट व सजावट से

(3) आज की पीढ़ी को सुख किसमें दिखाई दे रहा है?

- (क) निजी जीवन व एकांतिकता में
- (ख) पारिवारिक भावात्मक संबंधों में
- (ग) बिना मेहनत सब कुछ मिल जाने में
- (घ) धन कमाने के लिए जी तोड़ मेहनत करने में

(4) गद्यांश में प्रेम को घर का क्या बताया गया है?

- (क) आभूषण
- (ख) आधार
- (ग) भरोसा
- (घ) उल्लास

(5) कथन (A) और कारण (R) को पढ़कर उपयुक्त विकल्प चुनिए-

कथन (A) - आदमी के अंदर संवेदनाओं की जगह मशीनियत बढ़ती जा रही है।

कारण (R) - व्यस्तता और अर्थोपार्जन की अति महत्वाकांक्षा ने उसे यहाँ तक पहुँचा दिया है।

(क) कथन (A) गलत है, किंतु कारण (R) सही है।

(ख) कथन (A) और कारण (R) दोनों ही गलत हैं।

(ग) कथन (A) सही है और कारण (R) कथन (A) की सही व्याख्या है।

(घ) कथन (A) सही है, किंतु कारण (R) कथन (A) की सही व्याख्या नहीं है।

प्रश्न 2. निम्नलिखित दो पद्यांशों में से किसी एक पर आधारित बहुविकल्पी प्रश्नों के सर्वाधिक उपयुक्त विकल्प चुनकर लिखिए- (1x5=5)

सच हम नहीं, सच तुम नहीं, सच है महज़ संघर्ष ही।।

संघर्ष से हटकर जिए तो क्या जिए हम या कि तुम

जो नत हुआ, वह मृत हुआ, ज्यों वृंत से झरकर कुसुम

जो पंथ भूल रुका नहीं,

जो हार देख झुका नहीं,

जिसने मरण को भी लिया हो जीत, है जीवन वही।। सच हम नहीं...

ऐसा करो जिससे न प्राणों में कहीं जड़ता रहे।

जो है जहाँ चुपचाप अपने आप से लड़ता रहे।

जो भी परिस्थितियाँ मिलें,

काँटे चुभें, कलियाँ खिलें,

टूटे नहीं इनसान, बस संदेश यौवन का यही।। सच हम नहीं....

अपने हृदय का सत्य अपने आप हमको खोजना।

अपने नयन का नीर अपने आप हमको पौछना।

आकाश सुख देगा नहीं,

धरती पसीजी है कहीं!

हर एक राही को भटककर ही दिशा मिलती रही।। सच हम नहीं...

-जगदीश गुप्त

(1) इस कविता के केंद्रीय भाव हेतु दिए गए कथनों को पढ़कर सबसे सही विकल्प चुनिए-

कथन

- (i) प्रतिकूलता के विरुद्ध जूझते हुए बढ़ना ही जीवन की सच्चाई है।
- (ii) परिस्थितियों से समझौता करके जोखिमों से बचना ही उचित है।
- (iii) लक्ष्य-संधान हेतु मार्ग में भटक जाने का भय त्याग देना चाहिए।
- (iv) जीवन में 'अपने छाले, खुद सहलाने' का दर्शन अपनाना चाहिए।

विकल्प

- (क) कथन ii सही है।
- (ख) कथन i व iii सही हैं।
- (ग) कथन i, iii व iv सही हैं।
- (घ) कथन i, ii, iii व iv सही हैं।

(2) मरण अर्थात् मृत्यु को जीतने का आशय है-

- (क) साधुता व साधना से अमरत्व प्राप्त करना
- (ख) योगाभ्यास व जिजीविषा से दीर्घायु हो जाना
- (ग) अर्थ, बल व दृढ़ इच्छाशक्ति से जीवन को कष्टमुक्त करना
- (घ) जीवन व जीवन के बाद भी आदर्श रूप में स्मरण किया जाना

(3) 'आकाश सुख देगा नहीं, धरती पसीजी है कहीं...' का अर्थ है कि-

- (क) आकाश और धरती दोनों में संवेदनशीलता नहीं है।
- (ख) ईश्वर उदार है, अतः वही सुख देता है, वही पसीजता है।
- (ग) जुझारू बनकर स्वयं ही जीवन के दुख दूर किए जा सकते हैं।
- (घ) सामूहिक प्रयत्नों से ही संकट की स्थिति से निकला जा सकता है।

(4) अपने आप से लड़ने का अर्थ है-

- (क) अपनी अच्छाइयों व बुराइयों से भलीभाँति परिचित होना
- (ख) किसी मुद्दे पर दिल और दिमाग का अलग-अलग सोचना
- (ग) अपने किसी गलत निर्णय के लिए स्वयं को संतुष्ट कर लेना
- (घ) अपनी दुर्बलताओं की अनदेखी न करके उन्हें दृढ़ता से दूर करना

(5) युवावस्था हमें सिखाती है कि-

कथन पढ़कर सही विकल्प का चयन कीजिए-

कथन

- (i) स्वयं को चैतन्य, गतिशील, आत्मआलोचक व आशावादी बनाए रखें।
- (ii) सजग रहें; जीवन में कभी कठिन परिस्थितियाँ उत्पन्न ही न होने दें।
- (iii) सुख-दुख, उतार-चढ़ाव को भाग्यवादी बनकर स्वीकार करना सीखें।
- (iv) प्रतिकूल परिस्थितियों के आगे घुटने न टेकें; बल्कि दो-दो हाथ करें।

विकल्प

- (क) कथन i व ii सही हैं।
- (ख) कथन i व iv सही हैं।
- (ग) कथन ii व iii सही हैं।
- (घ) कथन iii व iv सही हैं।

अथवा

‘फ़सल’ किसान के कच्चे-अधपके

सपनों की लहलहाती आस है

यह उसके हृदय की गहराइयों में

अंकुरित एक विश्वास है

यह विश्वास है-

ढही हुई दीवार की चिनाई का

अट्ठारह पार कर चुकी बेटी की सगाई का

परचूनीए की उधारी चुकाने का

मन के सपनों को नए परिधान पहनाने का

इसी विश्वास की सलामती के लिए

वह मूँदता है आँखें

दिन में न जाने कितनी बार...

और दुआएँ प्रेषित करता है ऊपर तक

भरोसे और आशंका की रस्साकशी में

न जाने कितनी बार वह जागता है नींद से

और जगा देना चाहता है उस परमात्मा को भी
जिसके बारे में सुनता आया है कि सभी कुछ उसके ही हाथ हैं...
और इसीलिए जब फ़सल सौँधियाती है
असल में, किसान के सपने सौँधियाते हैं
और फ़सल घर आ जाने पर, सपने पक जाते हैं...

-डॉ. विनोद 'प्रसून'

**(1) फ़सल को किसानों के कच्चे-अधपके सपनों की लहलहाती आस कहने का कारण है-
कथन पढ़कर सही विकल्प का चयन कीजिए-**

कथन

- (i) फ़सल देखकर बैंकों से सस्ते ब्याज पर ऋण सरलता से मिल जाना
- (ii) फ़सल से किसान के स्वप्नों की संबद्धता और भावात्मक लगाव होना
- (iii) फ़सल से जुड़े निराई, सिंचाई, कटाई, गहाई, भंडारण आदि के सपने देखना
- (iv) फ़सल से ही जीवन की ज़रूरी इच्छाओं के साकार होने की संभावना जुड़ी होना

विकल्प

- (क) कथन i व ii सही हैं।
- (ख) कथन ii व iii सही हैं।
- (ग) कथन ii व iv सही हैं।
- (घ) कथन iii व iv सही हैं।

(2) किसान के हृदय की गहराइयों में अंकुरित हुए विश्वास की परिधि में आते हैं-

- (क) कुछ पाकर सामाजिक कार्य करने की इच्छाएँ
- (ख) अति आवश्यक कार्य एवं मन के भावात्मक सपने
- (ग) आधुनिक कृषि यंत्र आदि जुटा लेने की अभिलाषाएँ
- (घ) कठिन समय के लिए कुछ बचाकर रखने की योजनाएँ

(3) 'दुआएँ प्रेषित करता है ऊपर तक' का आशय है-

- (क) ईश्वर को प्रसन्न करने के लिए व्रत-उपवास रखना
- (ख) सामूहिक यज्ञ करके फ़सल की कुशलता की कामना करना
- (ग) फ़सल की कुशलता हेतु मन ही मन ईश्वर से प्रार्थना करना
- (घ) निवेदन को ग्राम्य विकास से जुड़े अधिकारियों तक पहुँचाना

(4) 'भरोसे और आशंका की रस्साकशी में' पंक्ति के आधार पर किसान की मनोदशा से जुड़ा सही विकल्प है-

(क) ईश्वर पर अटूट विश्वास कि वे फ़सल को कोई हानि नहीं होने देंगे

(ख) ईश्वर पर विश्वास, किंतु फ़सल की कुशलता को लेकर मन आशंकित रहना

(ग) परिश्रम पर पूर्ण विश्वास, किंतु 'भाग्य में क्या लिखा है' इससे सदा आशंकित रहना

(घ) स्वयं पर भरोसा करना, किंतु प्राकृतिक आपदाओं की आशंका से सदैव भयभीत बने रहना

(5) कथन (A) और कारण (R) को पढ़कर उपयुक्त विकल्प चुनिए-

कथन (A) - किसान अपनी फ़सल के साथ भावात्मक रूप से जुड़ा होता है।

कारण (R) - व्यवसाय और व्यवसायी के बीच ऐसे संबंध स्वाभाविक हैं।

(क) कथन (A) गलत है, किंतु कारण (R) सही है।

(ख) कथन (A) और कारण (R) दोनों ही गलत हैं।

(ग) कथन (A) सही है और कारण (R) कथन (A) की सही व्याख्या है।

(घ) कथन (A) सही है, किंतु कारण (R) कथन (A) की सही व्याख्या नहीं है।

प्रश्न 3. निर्देशानुसार 'रचना के आधार पर वाक्य भेद' पर आधारित पाँच बहुविकल्पी प्रश्नों में से किन्हीं चार प्रश्नों के उत्तर दीजिए- (1x4=4)

(1) 'न तो तुम वहाँ जा सके, न ही मैं।' इसका सरल वाक्य होगा-

(क) तुम और मैं दोनों ही वहाँ नहीं जा सके।

(ख) तुम भी वहाँ नहीं जा सके और मैं भी वहाँ नहीं जा सका।

(ग) यद्यपि तुम और मैं वहाँ जा सकते थे, फिर भी नहीं जा सके।

(घ) चूँकि तुम वहाँ नहीं जा सके, इसलिए मैं भी वहाँ नहीं जा सका।

(2) 'सूर्योदय होते ही प्रकृति का सौंदर्य खिल उठता है।' इसका संयुक्त वाक्य होगा-

(क) सूर्योदय होने पर प्रकृति का सौंदर्य खिल उठता है।

(ख) सूर्योदय होता है और प्रकृति का सौंदर्य खिल उठता है।

(ग) जब सूर्योदय होता है, तब प्रकृति का सौंदर्य खिल उठता है।

(घ) क्योंकि सूर्योदय होता है, इसलिए प्रकृति का सौंदर्य खिल उठता है।

(3) आपके आवाज़ उठाने पर सभी आपके साथ खड़े हो जाएँगे। इसका मिश्र वाक्य होगा-

- (क) आपके आवाज़ उठाने ही सभी आपके साथ खड़े हो जाएँगे।
(ख) आप आवाज़ उठाएँगे, तो सभी आपके साथ खड़े हो जाएँगे।
(ग) आप आवाज़ उठाएँगे और सभी आपके साथ खड़े हो जाएँगे।
(घ) आप आवाज़ उठाएँगे इसलिए सभी आपके साथ खड़े हो जाएँगे।

(4) निम्नलिखित वाक्यों में मिश्र वाक्य पहचानकर नीचे दिए गए सबसे सही विकल्प को चुनिए-

- (i) आप कह सकते थे कि यह गलती आपने नहीं की है।
(ii) यदि आप अपना पक्ष रखते, तो अवश्य ही निर्दोष सिद्ध होते।
(iii) जब आपने गलती की ही नहीं है, तो उसका दंड आपको क्यों मिलेगा?
(iv) चूँकि दोषी कोई और है इसलिए आप यह दोष अपने ऊपर बिलकुल मत लीजिए।

विकल्प

- (क) केवल कथन i सही है।
(ख) कथन ii व iii सही हैं।
(ग) कथन iii व iv सही हैं।
(घ) कथन i, ii, iii व iv सही हैं।

(5) कॉलम 1 को कॉलम 2 के साथ सुमेलित कीजिए और सही विकल्प चुनकर लिखिए-

कॉलम 1	कॉलम 2
(1) बिल्ली आई और दूध पी गई।	(i) सरल वाक्य
(2) यदि दूध बाहर न रखा होता, तो बिल्ली ऐसा नहीं कर पाती।	(ii) संयुक्त वाक्य
(3) हमें बिल्ली का जूठा दूध फेंकना पड़ा।	(iii) मिश्र वाक्य

विकल्प

- (क) 1-iii, 2-i, 3-ii
(ख) 1-ii, 2-iii, 3-i
(ग) 1-ii, 2-i, 3-iii
(घ) 1-ii, 2-i, 3-iii

प्रश्न 4. निर्देशानुसार 'वाच्य' पर आधारित पाँच बहुविकल्पी प्रश्नों में से किन्हीं चार प्रश्नों के उत्तर दीजिए- (1x4=4)

(1) कॉलम 1 को कॉलम 2 के साथ सुमेलित कीजिए और सही विकल्प चुनकर लिखिए-

कॉलम 1	कॉलम 2
(1) भारत द्वारा मैच जीत लिया गया।	(i) कर्तृवाच्य
(2) गेंदबाजों ने मैच में बेहतरीन प्रदर्शन किया।	(ii) कर्मवाच्य
(3) विपक्षी बल्लेबाजों से क्रीड़ा पर रुका नहीं जा सका।	(iii) भाववाच्य

विकल्प

(क) 1-ii, 2-i, 3-iii

(ख) 1-i, 2-iii, 3-ii

(ग) 1-ii, 2-iii, 3-i

(घ) 1-i, 2-ii, 3-iii

(2) इनमें कर्मवाच्य का उदाहरण है-

(क) रवीना गज़ल नहीं गा पाती है।

(ख) रवीना से गज़ल नहीं गाई जाती है।

(ग) रवीना पैदल नहीं चल पाती है।

(घ) रवीना से पैदल नहीं चला जाता है।

(3) इनमें कर्तृवाच्य का उदाहरण है-

(क) चलो, अब घर चलें।

(ख) चलो, अब घर चला जाए।

(ग) कैरम के बाद अब शतरंज खेली जाए।

(घ) हमारे द्वारा शतरंज खेली जा सकती है।

(4) 'दादी जी पढ़ नहीं सकती।' इसका भाववाच्य होगा-

(क) दादी जी कुछ भी पढ़ नहीं पाएँगी।

(ख) दादी जी से पढ़ा नहीं जा सकेगा।

(ग) दादी जी से पढ़ा नहीं जा सकता।

(घ) दादी जी कुछ भी पढ़ नहीं पाती हैं।

(5) 'बिना सहारे बूढ़ी माँ से अब चला नहीं जाता है।' इसका कर्तृवाच्य होगा-

- (क) बिना सहारे बूढ़ी माँ अब चल नहीं सकेंगी।
- (ख) बिना सहारे बूढ़ी माँ अब चल नहीं पाती हैं।
- (ग) बिना सहारे बूढ़ी माँ अब चल नहीं पाएँगी।
- (घ) बिना सहारे बूढ़ी माँ अब चल नहीं सकती हैं।

प्रश्न 5. निर्देशानुसार 'पद परिचय' पर आधारित पाँच बहुविकल्पी प्रश्नों में से किन्हीं चार प्रश्नों के उत्तर दीजिए- (1x4=4)

(1) 'चारों ओर छाई हरियाली मनमोहक लग रही थी।' रेखांकित अंश का पद-परिचय होगा-

- (क) भाववाचक संज्ञा, स्त्रीलिंग, एकवचन, कर्ता कारक
- (ख) भाववाचक संज्ञा, स्त्रीलिंग, बहुवचन, कर्म कारक
- (ग) जातिवाचक संज्ञा, स्त्रीलिंग, एकवचन, कर्ता कारक
- (घ) व्यक्तिवाचक संज्ञा, स्त्रीलिंग, एकवचन, कर्ता कारक

(2) 'झड़वर ने जोर से ब्रेक मारे।' रेखांकित अंश का पद-परिचय होगा-

- (क) रीतिवाचक क्रियाविशेषण, विशेष्य क्रिया-मारे
- (ख) स्थानवाचक क्रियाविशेषण, विशेष्य क्रिया-मारे
- (ग) कालवाचक क्रियाविशेषण, विशेष्य क्रिया- मारे
- (घ) परिमाणवाचक क्रियाविशेषण, विशेष्य क्रिया- मारे

(3) 'यह पुस्तक मैंने तब खरीदी थी, जब मैं पंद्रह वर्ष का था।' रेखांकित अंश का पद-परिचय होगा-

- (क) संकेतवाचक सर्वनाम, एकवचन, पुल्लिंग
- (ख) सार्वनामिक विशेषण, विशेष्य- पुस्तक
- (ग) निपात, वाक्य के अर्थ को बल दे रहा है
- (घ) परिमाणवाचक विशेषण, विशेष्य-पुस्तक

(4) 'हालदार साहब ने पान ख़ाया।' रेखांकित अंश का पद-परिचय होगा-

- (क) अकर्मक क्रिया, सामान्य भूतकाल, कर्तृवाच्य
- (ख) सकर्मक क्रिया, कर्म-पान, सामान्य भूतकाल, कर्तृवाच्य
- (ग) प्रेरणार्थक क्रिया, कर्म-पान, सामान्य भूतकाल, कर्तृवाच्य
- (घ) द्विकर्मक क्रिया, कर्म-पान, हालदार साहब, सामान्य भूतकाल, कर्तृवाच्य

(5) कुछ लड़के बाहर खेल रहे हैं। चाय में कुछ पड़ा है। दोनों वाक्यों के कुछ का सामान्य पद-परिचय होगा-

- (क) पहला कुछ- सार्वनामिक विशेषण, दूसरा कुछ- अनिश्चित संख्यावाचक विशेषण
(ख) पहला कुछ- अनिश्चयवाचक सर्वनाम, दूसरा कुछ- अनिश्चित संख्यावाचक विशेषण
(ग) पहला कुछ- अनिश्चित संख्यावाचक विशेषण, दूसरा कुछ- अनिश्चयवाचक सर्वनाम
(घ) पहला कुछ- अनिश्चित परिमाणवाचक विशेषण, दूसरा कुछ- निश्चयवाचक सर्वनाम

प्रश्न 6. निर्देशानुसार 'अलंकार' पर आधारित पाँच बहुविकल्पी प्रश्नों में से किन्हीं चार प्रश्नों के उत्तर दीजिए- (1x4=4)

(1) "अर्थ बिना कब पूर्ण हैं, शब्द, सकल जग-काज।

अर्थ अगर आ जाए तो, ठाठ-बाट औ' राज।।" इस दोहे में प्रयुक्त अलंकार है-

- (क) श्लेष (ख) उत्प्रेक्षा
(ग) मानवीकरण (घ) अतिशयोक्ति

(2) "कैसे कलुषित प्राण हो गए।

मानो मन पाषाण हो गए।।" इन काव्य-पंक्तियों में प्रयुक्त अलंकार है-

- (क) श्लेष (ख) उत्प्रेक्षा
(ग) मानवीकरण (घ) अतिशयोक्ति

(3) "इधर उठाय़ा धनुष क्रोध में और चढ़ाय़ा उस पर बाण।

धरा, सिंधु, नभ काँपे सहसा, विकल हुए जीवों के प्राण।।" इन काव्य-पंक्तियों में प्रयुक्त अलंकार है-

- (क) श्लेष (ख) उत्प्रेक्षा
(ग) मानवीकरण (घ) अतिशयोक्ति

(4) "एक दिवस सूरज ने सोची, छुट्टी ले लेने की बात।

सोचा कुछ पल सुकूँ मिलेगा, चलने दो धरती पर रात।।" इन काव्य-पंक्तियों में प्रयुक्त अलंकार है-

- (क) श्लेष (ख) उत्प्रेक्षा
(ग) मानवीकरण (घ) अतिशयोक्ति

(5) "कहती हुई यों उत्तरा के नेत्र जल से भर गए।

हिमकणों से पूर्ण मानो हो गए पंकज नए।।" इन काव्य-पंक्तियों में प्रयुक्त अलंकार है-

(क) श्लेष

(ख) उत्प्रेक्षा

(ग) मानवीकरण

(घ) अतिशयोक्ति

प्रश्न 7. निम्नलिखित पठित गद्यांश पर आधारित बहुविकल्पी प्रश्नों के सर्वाधिक उपयुक्त विकल्प चुनकर लिखिए-

(1x5=5)

कुछ नहीं पूछ पाए हालदार साहब। कुछ पल चुपचाप खड़े रहे, फिर पान के पैसे चुकाकर जीप में आ बैठे और रवाना हो गए। बार-बार सोचते, क्या होगा उस कौम का जो अपने देश की खातिर घर-गृहस्थी-जवानी-ज़िंदगी सब कुछ होम देने वालों पर भी हँसती है और अपने लिए बिकने के मौके ढूँढती है। दुखी हो गए। पंद्रह दिन बाद फिर उसी कस्बे से गुजरे। कस्बे में घुसने से पहले ही खयाल आया कि कस्बे की हृदयस्थली में सुभाष की प्रतिमा अवश्य ही प्रतिष्ठापित होगी, लेकिन सुभाष की आँखों पर चश्मा नहीं होगा।...क्योंकि मास्टर बनाना भूल गया।...और कैप्टन मर गया। सोचा, आज वहाँ रुकेंगे नहीं, पान भी नहीं खाएँगे, मूर्ति की तरफ़ देखेंगे भी नहीं, सीधे निकल जाएँगे। ड्राइवर से कह दिया, चौराहे पर रुकना नहीं, आज बहुत काम है, पान आगे कहीं खा लेंगे। लेकिन आदत से मजबूर आँखें चौराहा आते ही मूर्ति की तरफ़ उठ गईं। कुछ ऐसा देखा कि चीखे, रोको! जीप स्पीड में थी, ड्राइवर ने जोर से ब्रेक मारे। रास्ता चलते लोग देखने लगे। जीप रुकते-न-रुकते हालदार साहब जीप से कूदकर तेज़-तेज़ कदमों से मूर्ति की तरफ़ लपके और उसके ठीक सामने जाकर अटेंशन में खड़े हो गए। मूर्ति की आँखों पर सरकंडे से बना छोटा-सा चश्मा रखा हुआ था, जैसा बच्चे बना लेते हैं। हालदार साहब भावुक हैं। इतनी-सी बात पर उनकी आँखें भर आईं।

(1) हालदार साहब क्या सोचकर दुखी हो गए?

(क) नेता जी की मूर्ति की आँखों पर चश्मा न देखकर

(ख) देशभक्तों का मज़ाक उड़ाने वाली बिकाऊ कौम को देखकर

(ग) घर-गृहस्थी, जवानी-ज़िंदगी आदि की बीती हुई बातें सोचकर

(घ) देश में अलग-अलग कौमों की विचारधारा में बहुत अंतर देखकर

(2) 'सुभाष चंद्र बोस की मूर्ति की आँखों पर चश्मा नहीं होगा...।' हालदार साहब ऐसा क्यों सोच रहे थे?

- (क) कैप्टन के सारे चश्मे बिक जाने के कारण
- (ख) कैप्टन के गंभीर रूप से बीमार हो जाने के कारण
- (ग) मूर्तिकार मास्टर की भूल और कैप्टन की मृत्यु के कारण
- (घ) नटखट बच्चों द्वारा चश्मा बार-बार उतार दिए जाने के कारण

(3) हालदार साहब की आदत से मजबूर आँखों ने क्या किया?

- (क) चौराहे पर आते ही पान की दुकान खोजने लगीं
- (ख) उन्होंने कैप्टन का स्मरण किया और वे नम हो गईं
- (ग) चौराहे पर आते ही स्वभावतः मूर्ति की ओर उठ गईं
- (घ) बाँस पर चश्मे लगाकर उन्हें बेचते हुए कैप्टन को खोजने लगीं

(4) हालदार साहब क्यों चीख पड़े?

- (क) पानवाले का बदला हुआ व्यवहार देखकर
- (ख) नेता जी की मूर्ति पर सरकंडे का चश्मा लगा देखकर
- (ग) नेता जी की मूर्ति के पास बहुत सारे बच्चों को एकत्र देखकर
- (घ) ड्राइवर के द्वारा उनके आदेश का पालन न किए जाने के कारण

(5) सरकंडे से बना छोटा-सा चश्मा किस बात का प्रतीक था?

- (क) राष्ट्रीय धरोहरों को संरक्षण देने का
- (ख) हस्तकला के प्रति बढ़ रहे अनुराग का
- (ग) देशभक्तों के प्रति श्रद्धा व सम्मान का
- (घ) सरकंडे जैसी वनस्पति को संरक्षित करने का

प्रश्न 8. गद्य पाठों के आधार पर निम्नलिखित दो बहुविकल्पी प्रश्नों के सर्वाधिक उपयुक्त विकल्प चुनकर लिखिए- (1x2=2)

(1) बालगोबिन भगत साधु की सभी परिभाषाओं पर किन गुणों के कारण खरे उतरते थे?

- (क) मधुर गायन, खेतीबाड़ी करना, गांधीवादी दर्शन, सारा समय पूजा पाठ में बिताना
- (ख) मृत्यु से न घबराना, हर समय भजन में लीन रहना, बेटे व बहू से बहुत प्रेम करना
- (ग) सात्विक गृहस्थ जीवन, सत्यवादिता, शुद्ध व्यवहार, कबीर दर्शन से सज्जित आत्मा
- (घ) आस्तिकता, समाज-सेवा, प्रतिदिन मंदिर जाना, रास्ते में जो भी मिले, उसे उपदेश देना

(2) काशी को संस्कृति की पाठशाला इसलिए कहा गया है क्योंकि -

(क) यहाँ के लोग अपने बच्चों को धार्मिक संस्कार देते हैं।

(ख) यहीं से सांस्कृतिक संरक्षण अभियान का शुभारंभ हुआ था।

(ग) यहाँ गली-गली में पाठशालाएँ हैं, जिनमें संस्कार सिखाए जाते हैं।

(घ) यह विद्वानों, कला-मर्मज्ञों, कलाकारों, स्नेह व सद्भावना की पावन स्थली है।

प्रश्न 9. निम्नलिखित पठित पद्यांश पर आधारित बहुविकल्पी प्रश्नों के सर्वाधिक उपयुक्त विकल्प चुनकर लिखिए- (1x5=5)

तारसप्तक में जब बैठने लगता है उसका गला
प्रेरणा साथ छोड़ती हुई उत्साह अस्त होता हुआ
आवाज़ से राख जैसा कुछ गिरता हुआ
तभी मुख्य गायक को ढाँढ़स बँधाता
कहीं से चला आता है संगतकार का स्वर
कभी-कभी वह यों ही दे देता है उसका साथ
यह बताने के लिए कि वह अकेला नहीं है
और यह कि फिर से गाया जा सकता है
गाया जा चुका राग
और उसकी आवाज़ में जो एक हिचक साफ़ सुनाई देती है
या अपने स्वर को ऊँचा न उठाने की जो कोशिश है
उसे विफलता नहीं
उसकी मनुष्यता समझा जाना चाहिए।

(1) 'तारसप्तक में जब बैठने लगता है उसका गला' इस पंक्ति में 'उसका' शब्द किसके लिए प्रयोग किया गया है?

(क) संगतकार के लिए

(ख) प्रधान गायक के लिए

(ग) गाने के इच्छुक संगीत प्रेमियों के लिए

(घ) वाद्ययंत्र बजाने वाले कलाकारों के लिए

(2) संगतकार का स्वर मुख्य गायक की सहायता कब करता है?

- (क) जब ऐसा करने के लिए उसका मन उससे कहता है
- (ख) जब गायन को प्रभावी बनाकर वह वाहवाही लूटना चाहता है
- (ग) गायक के द्वारा किसी पंक्ति विशेष को गाने का आग्रह किए जाने पर
- (घ) गायक का कंठ कमजोर होने तथा प्रेरणा व उत्साह में गिरावट आने पर

(3) 'संगतकार' किसका प्रतीक है?

- (क) संगीत को पागलपन की हद तक चाहने वाले जज़्बात का
- (ख) स्वर को साधने के लिए अनवरत की जाने वाली साधना का
- (ग) किसी की सफलता में निस्स्वार्थ सहयोग करने की भावना का
- (घ) मनोरंजन, माधुर्य, मनुष्यत्व, अपनत्व, प्रतिबद्धता व प्रेरणा का

(4) कभी-कभी संगतकार गायक का यँही साथ क्यों देता है?

- (क) अपने आप को उसके समकक्ष प्रदर्शित करने के लिए
- (ख) उसे यह संदेश देने के लिए कि वह स्वयं को अकेला न समझे
- (ग) वह मुख्य गायक की कमजोरियों से पूरी तरह परिचित होता है
- (घ) उसे विश्वास होता है कि बीच-बीच में गाने से गाने की मधुरता बनी रहेगी

(4) संगतकार की 'मनुष्यता' किन कार्यों से प्रकट होती है?

- (क) प्रधान गायक की सेवा में सदैव श्रद्धापूर्वक जुटे रहने से
- (ख) गाने से पहले प्रत्येक कार्य को करने की पूर्व योजना बनाने से
- (ग) स्वयं को विशिष्ट न बनाकर प्रधान गायक की विशिष्टता बढ़ाने से
- (घ) कार्यक्रम से पहले एवं उसके उपरांत प्रधान गायक के चरण स्पर्श करने से

प्रश्न 10. पद्य पाठों के आधार पर निम्नलिखित दो बहुविकल्पी प्रश्नों के सर्वाधिक उपयुक्त विकल्प चुनकर लिखिए- **(1x2=2)**

(1) 'फ़सल' कविता में 'फ़सल' की श्रेष्ठ परिभाषा के साथ प्रकाश में आए अन्य बिंदु हैं-

- (क) जैविक खेती को प्रोत्साहन एवं कृषि विज्ञान की समझ द्वारा खेती
- (ख) पर्यावरण संरक्षण तथा उपभोक्तावाद, प्रकृति और मनुष्य के संबंध
- (ग) कृषि संस्कृति से निकटता, प्रकृति एवं मनुष्य के सहयोग से सृजन
- (घ) कर्मवाद एवं भाग्यवाद, वैज्ञानिक तरीके से कृषि करने का आह्वान

(2) गोपियों को उद्धव का शुष्क संदेश पसंद न आने का मुख्य कारण था-

- (क) उद्धव के कठोर शब्द एवं अति कटु व्यवहार
- (ख) उद्धव में वाक्-पटुता की कमी एवं हृदयहीनता
- (ग) गोपियों का प्रेम मार्ग के स्थान पर ज्ञान मार्ग को पसंद
- (घ) गोपियों का ज्ञान मार्ग के स्थान पर प्रेम मार्ग को पसंद करना

खंड - ख (वर्णनात्मक प्रश्न)

प्रश्न 11. गद्य पाठों के आधार पर निम्नलिखित चार प्रश्नों में से किन्हीं तीन प्रश्नों के उत्तर लगभग 25-30 शब्दों में लिखिए- **(2x3=6)**

- (क) नवाब साहब की सनक नकारात्मक थी, किंतु हर सनक नकारात्मक नहीं होती। सोदाहरण सिद्ध कीजिए कि किस सनक को सकारात्मक कहा जा सकता है?
- (ख) महानगरों की 'फ्रैट-कल्चर' और लेखिका मन्नु भंडारी के परंपरागत 'पड़ोस कल्चर' में आपको क्या अंतर दिखाई देता है? विचार करके लिखिए।
- (ग) मंगलध्वनि किसे कहते हैं? बिस्मिल्ला खाँ को शहनाई की मंगलध्वनि का नायक क्यों कहा गया है? स्पष्ट कीजिए।
- (घ) सच्चे अर्थों में 'संस्कृत व्यक्ति' किसे कहा जा सकता है? 'संस्कृति' पाठ के आधार पर तर्क सहित स्पष्ट कीजिए।

प्रश्न 12. पद्य पाठों के आधार पर निम्नलिखित चार प्रश्नों में से किन्हीं तीन प्रश्नों के उत्तर लगभग 25-30 शब्दों में लिखिए- **(2x3=6)**

- (क) 'क्रोध से बात और अधिक बिगड़ जाती है।' 'राम-लक्ष्मण-परशुराम संवाद' कविता के आलोक में इस कथन की पुष्टि कीजिए।
- (ख) आपके पाठ्यक्रम की किस कविता में कवि ने बादल से फुहार, रिमझिम तथा बरसने के स्थान पर गरजने के लिए कहा है? इस आह्वान का क्या कारण है? अपने शब्दों में लिखिए।

(ग) 'पिघलकर जल बन गया होगा कठिन पाषाण।' यह पंक्ति किस कविता से ली गई है और इसके माध्यम से कवि क्या कहना चाहता है?

(घ) आत्मकथा लिखने के लिए किन गुणों की आवश्यकता होती है? कवि के लिए यह कार्य कठिन क्यों था? सोचकर लिखिए।

प्रश्न 13. पूरक पाठ्यपुस्तक के पाठों पर आधारित निम्नलिखित तीन प्रश्नों में से किन्हीं दो प्रश्नों के उत्तर लगभग 50-60 -शब्दों में लिखिए- **(4x2=8)**

(क) "वहीं सुख, शांति और सुकून है, जहाँ अखंडित संपूर्णता है। पेड़, पौधे, पशु और आदमी सब अपनी-अपनी लय, ताल और गति में हैं। हमारी पीढ़ी ने प्रकृति की इस लय, ताल और गति से खिलवाड़ कर अक्षम्य अपराध किया है।" 'साना-साना हाथ जोड़ि' पाठ के आधार पर बताइए कि इस अक्षम्य अपराध का प्रायश्चित्त मनुष्य किस प्रकार कर सकता है?

(ख) रचनाकार की भीतरी विवशता ही उसे लेखन के लिए मजबूर करती है और लिखकर ही रचनाकार उससे मुक्त हो पाता है। 'मैं क्यों लिखता हूँ' पाठ के आधार पर हिरोशिमा घटना से जोड़ते हुए इस कथन की पुष्टि कीजिए।

(ग) 'माता का अँचल' पाठ में भोलानाथ का अपने माता-पिता से बहुत लगाव है। बचपन में हर बच्चा एक पल के लिए भी माता-पिता का साथ नहीं छोड़ना चाहता है, किंतु माता-पिता के बूढ़े हो जाने पर इनमें से ही कुछ उन्हें साथ न रखकर वृद्धाश्रम में पहुँचा देते हैं। ऐसे लोगों को आप किन शब्दों में समझाएँगे? विचार करके लिखिए।

प्रश्न 14. निम्नलिखित तीन विषयों में से किसी एक विषय पर लगभग 120 शब्दों में सारगर्भित अनुच्छेद लिखिए- **(6)**

(क) जीवन का कठिन दौर और मानसिक मज़बूती

संकेत-बिंदु-

- मानसिक दृढ़ता से मुश्किल हालातों का सामना संभव
- कठिन हालातों से दो-दो हाथ करने की शक्ति
- अनेक संघर्षशील व्यक्तियों के उदाहरण
- मानसिक दृढ़ता का संकल्प

(ख) साइबर युग, साइबर ठगी : सावधानियाँ एवं सुरक्षा उपाय

संकेत-बिंदु-

- बढ़ते ऑनलाइन कार्य
- साइबर ठगी की बढ़ती घटनाएँ
- सावधानियाँ
- इससे बचने के उपाय

(ग) बुरा जो देखन में चला, बुरा न मिलिया कोय

संकेत-बिंदु-

- दूसरों की कमियाँ देखना स्वाभाविक प्रवृत्ति
- इस प्रवृत्ति का समाज पर प्रभाव
- अपने अंदर झाँकना आवश्यक
- आत्मनिरीक्षण का संकल्प

प्रश्न 15. आप मनस्वी मौर्य/ मनस्विता मालवीय हैं। बरसात के दिनों में दुर्घटना को दावत देते खुले पड़े सीवर लाइन के मैनहोलों के संदर्भ में दैनिक जागरण, अ ब स नगर के संपादक को एक समाचार प्रकाशित करने का अनुरोध करते हुए लगभग 100 शब्दों में पत्र लिखिए। (5)

अथवा

आप श्रेयस राजपूत/ श्रेयसी सिंह हैं। आप छात्रावास में रहते हैं। आपको पिता जी से पता चला है कि आपकी माता जी पूरे परिवार का तो ध्यान रखती हैं, किंतु अपने स्वास्थ्य की अक्सर अनदेखी करती हैं। माता जी को समझाते हुए लगभग 100 शब्दों में एक पत्र लिखिए।

प्रश्न 16. आप तरुण वैश्य/ तरुणा वैश्य हैं। आप बी.एड कर चुके हैं। आपको विवेक इंटरनेशनल स्कूल, अ ब स नगर में हिंदी अध्यापक/ अध्यापिका पद के लिए आवेदन करना है। इसके लिए आप अपना एक संक्षिप्त स्ववृत्त (बायोडाटा) लगभग 80 शब्दों में तैयार कीजिए। (5)

अथवा

आप रॉबर्ट पॉल/ डॉली डिसूजा हैं। आपने अ ब स प्रकाशन, क ख नगर से ऑनलाइन कुछ पुस्तकें मँगवाई थीं। प्रकाशन द्वारा उनमें से दो पुस्तकें किसी अन्य लेखक की भेज दी गई हैं और एक पुस्तक के पहले कुछ पेज फटे हुए हैं। इसकी शिकायत करते हुए तथा इन पुस्तकों को शीघ्र लौटाने और नई पुस्तकें भिजवाने के लिए प्रकाशन के वरिष्ठ प्रबंधक को लगभग 80 शब्दों में एक ई-मेल लिखिए।

प्रश्न 17. आपके चाचा जी ने रेडीमेड कपड़ों की एक दुकान खोली है। वे प्रचार-प्रसार के लिए स्थानीय समाचारपत्र में उसका विज्ञापन देना चाहते हैं। आप उनके लिए लगभग 60 शब्दों में एक आकर्षक विज्ञापन तैयार कीजिए।

(4)

अथवा

आप सौम्य गर्ग/ सौम्या गर्ग हैं। आपके भैया-भाभी की पहली वैवाहिक वर्षगाँठ (एनिवर्सरी) है। इस अवसर पर उनके लिए लगभग 60 शब्दों में शुभकामना एवं बधाई संदेश लिखिए।

SAMPLE QUESTION PAPER
SOCIAL SCIENCE (CODE 087)
CLASS X – SESSION 2022-23

Time Allowed: 3 Hours

Maximum Marks: 80

General Instructions :

- i. *Question paper comprises Six Sections – A, B, C, D, E and F. There are 37 questions in the question paper. All questions are compulsory.*
- ii. *Section A – From question 1 to 20 are MCQs of 1 mark each.*
- iii. *Section B – Question no. 21 to 24 are Very Short Answer Type Questions, carrying 2 marks each. Answer to each question should not exceed 40 words.*
- iv. *Section C contains Q.25 to Q.29 are Short Answer Type Questions, carrying 3 marks each. Answer to each question should not exceed 60 words*
- v. *Section D – Question no. 30 to 33 are long answer type questions, carrying 5 marks each. Answer to each question should not exceed 120 words.*
- vi. *Section-E - Questions no from 34 to 36 are case based questions with three sub questions and are of 4 marks each*
- vii. *Section F – Question no. 37 is map based, carrying 5 marks with two parts, 37a from History (2 marks) and 37b from Geography (3 marks).*
- viii. *There is no overall choice in the question paper. However, an internal choice has been provided in few questions. Only one of the choices in such questions have to be attempted.*
- ix. *In addition to this, separate instructions are given with each section and question, wherever necessary.*

SECTION A
MCQs (1X20=20)

- 1 What helped in the colonisation of Asian and African countries? Identify the correct statement from the following options. 1**
- A. Intergovernmental policies for the expansion of trade
 - B. Governmental invite to the mother countries for expansion
 - C. Technology, investments and improvement in transport
 - D. Capitalists of these regions wanted trade with colonial powers
- 2 Which of the following newspaper was started by Bal Gangadhar Tilak? 1**
- A. Hindu
 - B. Kesari
 - C. Sudharak
 - D. Pratap

- 3 Look at the picture given below. Identify the name of the painter of this painting from the following options. 1



- A. Abindra Nath Tagore
- B. Rabindra Nath Tagore
- C. Raja Ravi Verma
- D. Samant Das Gupta

Note : The following question is for Visually Impaired Candidates only in lieu of Q. No. 3

Who among the following was the author of the book 'Gita Govind'?

- A. Tulsidas
- B. Surdas
- C. Jayadev
- D. Raidas

- 4 Arrange the following in chronological order: 1

- I. Print culture created the conditions for the French Revolution
- II. Martin Luther's writings led to beginning of the Protestant Reformation
- III. Menocchio reinterpreted the message of the Bible
- IV. Johann Gutenberg invented Printing press

OPTIONS:

- A. III, II, I & IV
- B. I, II, III & IV
- C. IV, III, II & I
- D. IV, II, III & I

- 5 Identify the crop with the help of the following information 1

- ❖ It is a crop which is used both as food and fodder.
- ❖ It is a kharif crop which requires temperature between 21°C to 27°C.
- ❖ It grows well in old alluvial soil.
- ❖ Use of modern inputs have contributed to the increasing production of this crop.

Options:

- A. Wheat
- B. Maize
- C. Rice
- D. Sugarcane

- 6 Which of the following description of forest is NOT correct? 1
- A. Reserved Forest -Reservation of more than half of forests
 - B. Protected Forest- Reservation of 1/3 of the forests
 - C. Unclassed Forest-Reservation of forest under govt. and private individuals
 - D. Permanent Forest-Reserved and unclassed forest for the production of timber

- 7 Match the following : 1

RESOURCES	EXAMPLES
a. Renewable Resources:	I. Forests and wildlife
b. Non -Renewable Resources:	II. The oceanic resources
c. National Resources:	III. Roads, canals and railway
d. International Resources:	IV. Minerals and fossil fuels

OPTIONS

- A. a-I, b-IV, c-III, d-II
 - B. a-II, b-I, c-IV, d-III
 - C. a-IV, b-I, c-IV, d-II
 - D. a-I, b-IV, c-II, d-III
- 8 Consider the following statements regarding power sharing arrangements in Belgium and identify the incorrect one from the following: 1
- A. Equal number of members from Dutch and French community in the central government
 - B. Separate government for Brussels with equal representation of communities
 - C. The state government to be subordinate to the central government
 - D. Community government elected by people belonging to one language community
- 9 Which one of the following subjects comes under the legislation of Centre and State in India? 1
- A. Education
 - B. Forests
 - C. Banking
 - D. Trade
- 10 Which of the following statement is true regarding Feminist Movements? 1
- A. A group which favours giving more power to working women at rural and urban level.
 - B. A movement that believes in giving exclusive rights to female in urban areas.
 - C. Radical women's movements aimed at equality in personal and family life as well.
 - D. It is the practice of placing a feminine and masculine point of view in decision making.

11 Which one among the following pairs is correctly matched?

1

LIST I	LIST II
A. Bharatiya Janata Party	National Democratic Alliance
B. Congress Party	Left front
C. Communist Party of India	Regional Party
D. Mizo National Front	United Progressive Alliance

12. There are two statements marked as Assertion (A) and Reason (R). Mark your answer as per the codes provided below: 1

Assertion (A): Democracy is an accountable, responsive and legitimate government

Reason (R): Democracies have regular, free and fair elections and decision-making is based on norms and procedures

- A. Both A and R are true and R is the correct explanation of A.
- B. Both A and R are true but R is not the correct explanation of A.
- C. A is true but R is false.
- D. A is false but R is true.

13 Which one of the following religions was protected and fostered by Sri Lankans in their constitution? 1

- A. Christianity
- B. Hinduism
- C. Buddhism
- D. Islam

14 Read the given data and find out children of which state has attained maximum elementary school education? 1

States	Per Capita Income For 2018–19 (in Rs)	Infant Mortality Rate per 1,000 live births (2018)	Literacy Rate % 2017–18	Net Attendance Ratio (per 100 persons) secondary stage (age 14 and 15 years) 2017–18
HARYANA	2,36,147	30	82	61
KERALA	2,04,105	7	94	83
BIHAR	40,982	32	62	43

Sources: Economic Survey 2020–21, P.A 157, National Sample Survey Organisation (Report No. 585), National statistical office, Government of India.

- A. Haryana
- B. Bihar
- C. Haryana and Kerala both
- D. Kerala

15. Read the following data and select the appropriate option from the following. 1

Educational Achievement of Rural Population of Uttar Pradesh		
Category	Male	Female
Literacy rate for rural population	76%	54%
Literacy rate for rural children in age group 10-14 years	90%	87%
Percentage of rural children aged 10-14 attending school	85%	82%

How much percentage of girls are not attending school?

- A. 81%
- B. 61%
- C. 69%
- D. 18%

16. Find the odd one out from the following options: 1

- A. Tourist Guide, Barber, Tailor, and Potter
- B. Teacher, Doctor, Vegetable Vendor and Lawyer
- C. Postman, Cobbler, Soldier and Police Constable
- D. Indian Railways, Jet Airways, Doordarshan and Metro

17. Fill in the blank: 1

SECTOR	CRITERIA USED
Primary, Secondary & Tertiary	Nature of economic activity
Organized & Unorganized	?

OPTIONS:

- A. Nature of Employment activities
- B. Nature of Social activities
- C. Nature of Production activities
- D. Nature of Political activities

18. Read the information given below and select the correct option 1

Rohan has taken a loan of Rs.5 lakhs from the bank to purchase a house on 12% rate of interest. He has to submit papers of new house and salary record to the bank. What is this process called as?

- A. Interest Rate
- B. Collateral
- C. Principal Amount
- D. Instalments

19. Which of the following international agencies allow free trade and work on mutual trade between countries? 1
- A. WTO
 - B. IMF
 - C. UPU
 - D. FAO

20. Identify the correct statements about globalization. 1
- I. Removal of barriers by the government
 - II. Foreign companies are allowed to set up factories
 - III. Has enabled all companies to increase their investments
 - IV. Has lessened foreign investment and foreign trade

OPTIONS:

- A. I & II
- B. II & III
- C. I & III
- D. II & IV

SECTION B

VERY SHORT ANSWER QUESTIONS (2X4=8)

21. Analyse any two factors that were responsible for the Great Depression in America during 1929. 2
22. Mention the provisions that constitute India into a secular country. 2
23. Suggest any two ways to conserve energy resources in India. 2
- OR**
- Suggest any two ways to improve the usage of Solar energy.
24. In what ways Government can increase employment in the rural sector? 2

SECTION C

SHORT ANSWER BASED QUESTIONS (3X5=15)

25. How was the social and political situation of India affected by the First World War? Explain. 3
- OR**
- How did the Indian merchants and industrialists relate themselves to the Civil Disobedience Movement? Explain.
26. Examine the factors that influence the distribution pattern of the railway network in India. 3
27. In what ways Multi National Corporation (MNC) different from other companies? Explain with an example. 3
28. Differentiate between democratic and non-democratic government. 3
29. 'Tertiary sector is different from other sectors.' Justify the statement with suitable arguments. 3

SECTION D

LONG ANSWER BASED QUESTIONS (5X4=20)

- 30 Highlight the various measures and practices that French revolutionaries introduced to create a sense of collective identity amongst the French people. 5

OR

Highlight the role of Otto Von Bismarck in making of Germany. 5

31. 'Manufacturing sector is considered as the backbone of general and economic development.' Examine the statement in the context of India. 5

OR

Examine the multi-pronged aspects of Information Technology and Electronics Industry. 5

32. Describe the role of political parties in India. 5

OR

Describe the necessity or utility of political parties in democratic countries. 5

33. Explain the role of Self-Help Groups (SHGs) in the rural society. 5

OR

Explain the significance of The Reserve Bank of India in the Indian economy. 5

SECTION-E

CASE BASED QUESTIONS (4x3=12)

- 34 **Read the source given below and answer the question that follows:** 4

Will Thorne is one of those who went in search of seasonal work, loading bricks and doing odd jobs. He describes how job-seekers walked to London in search of work:

'I had always wanted to go to London, and my desire ... was stimulated by letters from an old workmate ... who was now working at the Old Kent Road Gas Works ... I finally decided to go ... in November, 1881. With two friends I started out to walk the journey, filled with the hope that we would be able to obtain employment, when we get there, with the kind assistance of my friend ... we had little money when we started, not enough to pay for our food and lodgings each night until we arrived in London. Some days we walked as much as twenty miles, and other days less. Our money was gone at the end of the third day ... For two nights we slept out – once under a haystack, and once in an old farm shed ... On arrival in London we tried to find ... my friend ... but ... were unsuccessful. Our money was gone, so there was nothing for us to do but to walk around until late at night, and then try to find some place to sleep. We found an old building and slept in it that night. The next day, Sunday, late in the afternoon, we got to the Old Kent Gas Works, and applied for work. To my great surprise, the man we had been looking for was working at the time. He spoke to the foreman and I was given a job.'

Quoted in Raphael Samuel, 'Comers and Goers', in H.J. Dyos and Michael Wolff, eds, The Victorian City: Images and Realities, 1973.

34.1 Analyse the major factor which led London become an attractive place for the job seekers. 1

34.2 Analyse the reason for the appointment of Will Thorne by the Old Kent Gas works. 1

34.3 Examine the preference of hand labour over machines by the industrialists of the Victorian Britain. 2

35. Read the given extract and answer following questions 4

Narmada Bachao Andolan or Save Narmada Movement is a Non-Governmental Organisation (NGO) that mobilized tribal people, farmers, environmentalists and human rights activists against the Sardar Sarovar Dam being built across the Narmada river in Gujarat. It originally focused on the environmental issues related to trees that would be submerged under the dam water. Recently it has re-focused the aim to enable poor citizens, especially the oustees (displaced people) to get full rehabilitation facilities from the government.

People felt that their suffering would not be in vain... accepted the trauma of displacement believing in the promise of irrigated fields and plentiful harvests. So, often the survivors of Rihand told us that they accepted their sufferings as sacrifice for the sake of their nation. But now, after thirty bitter years of being adrift, their livelihood having even being more precarious, they keep asking: "Are we the only ones chosen to make sacrifices for the nation?"

Source: S. Sharma, quoted in In the Belly of the River. Tribal conflicts over development in Narmada valley. A. Baviskar. 1995.

- 35.1 With what objective 'Sardar Sarovar Dam' was built? 1
35.2 Analyse the reason of protest by the tribal people. 1
35.3 Highlight the issues on which 'Save Narmada Movement' worked on. 2

36. Read the given extract and answer following questions. 4

Power sharing arrangements can also be seen in the way political parties, pressure groups and movements control or influence those in power. In a democracy, the citizens must have freedom to choose among various contenders for power. In contemporary democracies, this takes the form of competition among different parties. Such competition ensures that power does not remain in one hand. In the long run, power is shared among different political parties that represent different ideologies and social groups. Sometimes this kind of sharing can be direct, when two or more parties form an alliance to contest elections. If their alliance is elected, they form a coalition government and thus share power. In a democracy, we find interest groups such as those of traders, businessmen, industrialists, farmers and industrial workers. They also will have share in governmental power, either through participation in governmental committees or bringing influence on the decision-making process.

- 36.1 'Power sharing is an essential component of democracy.' Give one example to prove the statement. 1
36.2 How is alliance building an example of power sharing? 1
36.3 How Political parties, pressure groups and movements help in controlling or influencing those who are in power? 2

SECTION-F

MAP SKILL BASED QUESTION (2+3=5)

- 37** 37a. Two places A and B have been marked on the given outline map of India. 2

Identify them and write their correct names on the lines drawn near them.

- A. Indian National Congress session at this place in 1920
- B. The place where Mahatma Gandhi broke Salt Law.

37b. On the same outline map of India locate and label any **THREE** of the following with suitable Symbols. 3

- a. Hirakud Dam
- b. Tarapur Atomic Power Station
- c. Noida Software Technology Park
- d. Kochi Port

Note: The following questions are for Visually Impaired Candidates only in lieu of Q. No.37. Attempt any FIVE questions. 5

37.1 Name the Place where the session of Indian National Congress was held in September 1920. 1

37.2 Name the place where Mahatma Gandhi broke Salt Law. 1

37.3 Name the State where Hirakud Dam is located. 1

37.4 Name the State where Tarapur nuclear plant is located. 1

37.5 Name the State where Noida Software Technology Park is located. 1

37.6 Name the State where Kochi 'Sea Port' is located. 1

