

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 fighter 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
- कौरौना 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]

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