प्रण. वसंत (भाग -3) :-
(क) पाठ - 1, 2, 3, 4, 5 के शब्दार्थ, प्रश्न उत्तर और भाषा की बात कार्य नोटबुक में लिखों और याद करें।

(ख) 'भगवान के डाकिए' नामक कविता को चार्ट पर दर्शाइए।

प्रण2. निम्न विषयों पर संक्षिप्त में नोट तैयार कीजिए -
(क) विड़ला ताराघर अथवा दिल्ली के नेहरू ताराघर के विषय में जानकारी प्राप्त करें।

(ख) ज्ञात कीजिए कि प्रोजेक्टर से फिल्म कैसे प्रदर्शित की जाती है।

(ग) यदि आपने किसी दर्शनीय स्थल की यात्रा की है तो अपने अनुभवों को विस्तार से बताइए।

प्रण3. हिंदी व्याकरण :-
निम्न विषयों पर असाइनमेंट तैयार कीजिए -
                                                        पृ.नं०
(क) भाषा व उसका स्वरूप   1-8
(ख) वर्ण-विचार और शब्द   9-16
(ग) शब्द-भेद - अर्थ के आधार पर   17-24
(घ) अलंकार   25-33

प्रण4. निबंध लेखन :-
(क) आधुनिक युग में नारी का अस्तित्व

(ख) आतंकवाद - अंतरराष्ट्रीय समस्या

(ग) शिक्षा का महत्व

(घ) व्यायाम स्वास्थ्य के लिए आवश्यक

(ड) कोरोना एक महामारी।

प्रण5. पत्र-लेखन -
(क) अपने विद्यालय के प्रधानाचार्य को पुनः प्रवेश के लिए प्रार्थना-पत्र लिखिए।

(ख) विदेश-यात्रा पर जाने वाले मित्र को मंगलमय यात्रा की

- कामना करते हुए पत्र लिखिए।

प्र6. निम्न के विषय में विस्तार से जानकारी दीजिए- के बारे में लिखिए]
(क) कबीर, रैदास, मीराबाई, और नानक के बारे में लिखिए।
(ज) आधुनिक कवियों के बारे में जानकारी प्राप्त कीजिए।

Computer (Holiday home work)

Q.1. Using various features of ms. word, design a page informing about yourself.

Q.2. Design an informative document about three types of Network. It must have features of each type along with related pictures of the network in ms-word.

Q3. Explain about various data types available in ms-Access 2010 with Example of each in ms-word.
Take out the prints of all the above questions and bring them in a folder.

Q.4. Make a chart on one of the topics according to your roll no.

		Roll No.
1.	Advantages of Computer networking.	(1 to 10)
2.	Types of Networks. "	(11 to 20)
3.	Components of a Network.	(21 to 33)

Q.5. Learn the Syllabus done in class.

Social Studies :—

1. Learn chapter done in your Social studies Notebook.
2. make a project file on any 3 natural disaster on A4 sheets.
3. Prepare a model of Globe.

4. Make a beautiful chart on given topics.
- Social reformers.
- Prepare a palitical map of india on chart

5. Explain the following terms :-
- Socialist
- Fraturnity
- Sovereigh.
- Secular
- Democratic

6. (At least) that you sea and near. and copy those words in your Notebook Refer to the internet and learn what those words means.

SCIENCE :-

1. Prepare a project on :-
   (a) Micro-organisms (Roll No- 1 to 10)
   (b) Synthetic fibres and Plastics. (Roll No. -11 to 20)
   (c) Cell-Structure and function. (Roll No. 21 to 20)
   (d) Pallution of Air and water. (Roll No -31 to 33)

2. prepare a Neat and clean chart on :-
   (a) Plant and animal cell. (Roll No- 1 to 10)
   (b) Life cycle of frog and Butterfly. (Roll No-11 to 20)
   (c) Position of endocrine glands in the human body. (Roll No - 21 to 20)
   (d) Different types of Constellations. (Roll No-31 to 33)

3. make a working model from Science textbook.

प्र०१. संस्कृतम् :–

(क) पाठ -1, 2, 3 के शब्दार्थ, प्रश्न उत्तर और पुस्तक कार्य नोटबुक में लिखों और याद करों |

(ख) संस्कृत व्याकरण – पाठ -1, 2, 3, 4 पुस्तक कार्य नोटबुक में लिखों और याद करों |

प्र०2. शब्द रूपाणि :–
- अस्मद् (मैं)
- युष्मद् (तू (तुम)
- कमल, लता (बेल)
- वारि (जल), बालक

प्र०3. धातुरूपाणि :–
- चल (चलना)
- वद् (बोलना)
- प्रच्छ् (पूछना)
- पठ् (पढ़ना)

प्र०4. संख्यापदानि :– 1 से 100 तक गिनती (दो बार) लिखों |

प्र०5. 20 विलोम शब्द
20 पर्यायवाची शब्द |

प्र०6. निबंध :– (क) वसंत ऋतु   (ज) मम प्रिय: कवि!-(कालिदास)

प्र०7. पत्र-लेखन :–
(क) छोटे भाई को खेलों में भाग लेने के लिए पत्र |
(ख) पुस्तकें मंगाने के लिए पत्र |

प्र०8. व्यावहारिक शब्दकोष :–
(क) शरीर के अंग (20)
(ख) पशुओं के नाम (15)
(ग) पक्षियों के नाम (10)
(घ) फलों के नाम (10)
(ङ.) सब्जियों के नाम (7)

VIII [English] :—

J.

1 Write a Notice :-

1. Your school recently celebrated Vanmahotsav. The major events included planting trees, a marathon run in the locality and a cycle race in the school grounds. Prepare a brief report of the same for your school magazine.

2. You are cultural secretary of your school. Put up a notice informing the students about the details of the farewall function for class XII.

Que-2 Story writing :-

1. Politeness — related — humility — polite child — liked — Soft spoken — patient listener — able to help others — carries good image — family background.

2. Very interested — cooking — mother — ill — wanted — cup of tea — first forget — switch on the burner — then forgot to add water — made tea — no sugar — mummy still hugged me.

Que-3 Letter writing :-

1. write a letter to your uncle telling him about your new school. (Informal)

2. write a letter to the manager of a bank requesting him to open a new account in your name. (Formal)

Que-4 writing two interesting Article on the following topics: In 200 words.

1. Education

2. Deforestation

Que-5 Prepare a Report on Pollution. points to be cove
       causes effect and Remedies in 200 words.

Que-6 Revise all the chapters have done till now.

MATHS :—

1. make a comparative study of the Scores of
   Various teams of IPL, and represent it in
   the form of bar graph. Do it from Quarter finals
   to finals.

2. make a project —
   (a) Rational numbers (Roll No - 1 to 10)
   (b) Statistics   (Roll No. 11 to 20)
   (c) Quadrilaterals   (Roll No No. 21 to 30)
   (d) Probability   (Roll No - 31 to 33)

3. Prepare a Neat and clean chart on:—
   (a) Identities   (Roll No 1 to 10)
   (b) Volum and surface are. (Roll No - 11 to 20)
   (c) Square of 1 to 50 (Roll No. 21 to 30)
   (d) Cubes of 1 to 50   (Roll No- 31 to 33)

Drawing :—

1. make a pen holder.
2. make a decorative pot.
3. Do page No - 3,4, 6, 7, 8, 9, 11 in drawing file.
4. Do page No - 45, 44 craft work.
5. make a puppet.

P.S.M. WORLD SCHOOL

CLASS - VIIIth
SUBJECT - GENERAL KNOWLEDGE
HOLIDAYS HOMEWORK

- Write daily [5] news headlines in English

- Write [20] current affairs

- Read newspaper daily

- Make a Tense chart and learn rules

- Make a scrab book on the history of 5 historical monuments of India [with pictures]

- Write the Paragraph on the following topics :-

(i) Women Empowerment

(ii) Noise pollution

(iii) Time and Tide wait for none

(iv) Selling Tobacco should be banned

WORKSHEET

- Study the following diagram and hence, answer each of the questions given below:-
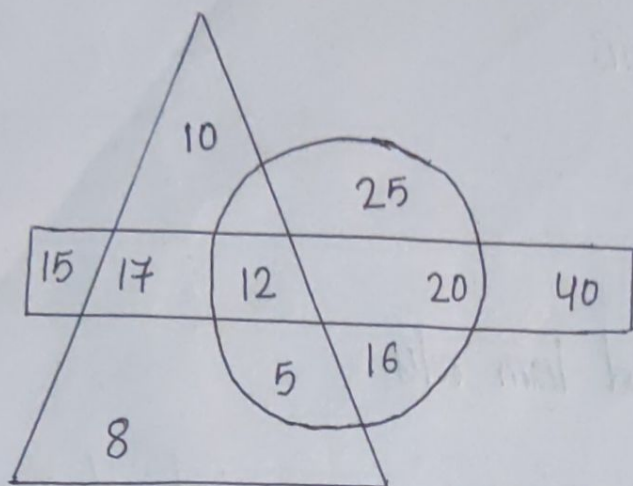
△ → Boys who play cricket

◯ → Boys who play Hockey

▭ → Boys who play Tennis

1. How many boys play cricket?

(a) 42   (b) 38   (c) 50   (d) 52

2. How many boys play all the three?

(a) 17   (b) 20   (c) 5   (d) 12

- Jack has 4 chocolates. If his one cousin in, he will give 2 to him, If 3 cousins come in, the each will get 1 chocolates. If seven cousins come in then how much chocolates will each one get?

(a) 1/8   (b) 1/2   (c) 1/4   (d) 1/16

- If $a+b = 3$, $b+c = 4$, $c+a = 5$ then what will be the value of $a+b+c$?
(a) 7   (b) 5   (c) 8   (d) 6

- The age of my father is the same as my mother with the digits reversed. The sum of their ages is 99, and the father is 9 years older than my mother. How old is my father?

CHAPTER - 3 [Natural and Synthetic fibre]

1. what is rayon silk. write uses of rayon silk.

2. what is Acrylic fibre. write its uses.

3. what is polyesters and write its uses.

4. what is Nylon and write its uses.

5. write advantages of synthetic fibre.

6. write disadvantages of synthetic fibre.

7. what are the characteristics of plastics.

8. Mention a few problems associated with excessive use of a synthetic material.

chapter - 4 [metal and non-metal]

1. what are alloys?

2. Differentiate between metal and non-metal.

3. why iron is used to construct bridges and houses.

4. Define corrosion.

5. which metal is the best conductor of heat and electricity?

6. what are metals? Give examples.

CHAPTER- 4 [square and square root]

1. Using the prime factorisation method, find which of the following are perfect square.

 a) 7056

 b) 256

 c) 1008

 d) 22050

2. Check whether the given numbers are perfect square or not. If not, then find the smallest number by which the given number must be multiplied so as to get a perfect square in each case.

 (i) 1008

 (ii) 6561

 (iii) 51984

 (iv) 2592

3. Check whether the given numbers are perfect square or not. If not, then find the smallest number by which the given number must be divided so as to get a perfect square in each case. Also, find the square root of the number obtained.

 a) 252

 b) 51984

 c) 5986

 d) 860000

4. Find the squares of the following using column method :-

 a) 72

 b) 84

 c) 95

5. Find the squares of the following numbers using diagonal method.

 a) 185

 b) 41

 c) 102

nd the squares of the following numbers using the identity $(a+b)^2 = a^2 + 2ab + b^2$

a) 448   b) 395   c) 205

7. Find the square root of the following numbers by prime factorisation method.

a) 4096   b) 225   c) 2401

8. Find the square root of the following using division method :–

a) 8226400   b) 20657025   c) 1471369

9. Find the square root of the following :–

a) 308.0025   b) 0.000676   c) 0.1225

CHAPTER– 5 [Cube and cube roots]

1. Find the smallest number by which the following must be multiplied to make them the perfect cube.

a) 8000   b) 14400   c) 5324

2. Find the cube root of the following numbers.

a) 125000   b) 64000   c) 456533

3. Evaluate :– a) $\sqrt[3]{\dfrac{-343}{512}}$ b) $\sqrt[3]{\dfrac{216}{125}}$

4. Find the cube root of the following number :–

a) -343×9261

b) $(-1728) \times (-125)$

A Read the following Passage carefully.   VIII th

The load was very heavy for the old Camel, He tried his best to Carry it as the next village. There his master whould be able to get another Camel to Carry this heavy load, But he was so tried and exhausted that he Could not go any further His master look off the load from the Camel's back and put it on the back of another Camel and went his way. A tiger was passing by at this time. He had been hurt by the side of the Camel. The Camel began licking the tiger's wound with his long tongue and offered him food that his master had left Behind. In a few days, the tiger and the Camel recovered. As the tiger was very hungry the old Camel told him to kill him and eat his meat. The tiger could not think of

Killing his friend. At that time a deer came toward them. A hunter had soft shot at him with an arrow, He lay down by the side of the tiger. He told the tiger to kill him and eat his flesh as he did not want the wicked hunter to take his away. The tiger did as he was told, Just then the hunter came on the spot, The angry tiger jumped on him and killed him also, Another young deer was in the bag that the hunter was carrying. The tiger set it free. The tiger and the camel lived happily ever after in the forest.

Read the questions given below and write the option you consider the most appropriate.

Q1 The Camel began to lick the tiger's wound because the

(a) Tiger was in pain

b) tiger was tired

c) the Camel was hungry

d) tiger could not walked

e) Camel's tongue is long.

A list of books is recommended for you below. You must read this stories and write the summary in about 120-150 words on any two books.

1. Kabuliwala by Rabindranath tagore

2. Untouchable by Mulk Raj Anand

3. children's Omnibus by Ruskin Bond

4. Malgudi Days by R.K Narayan

5. The Pterodactyl's Egg by annie Besant

6. The Adventures of Tom Sawyer by mark Twain.

The tiger refused to eat the camel because of all of the following expect that the camel had

(a) become his friend

(b) offered him food

(c) licked his wound

(d) become old

(e) None of these

15(

The tiger lay down near the camel because

(a) They became friends

(b) he felt tired

(c) there was enough space to lie down

(d) he was unable to walk

(e) He wanted to kill the hunter if he came there

16] The old camel wanted to carry the load as far as the next village because

(a) The village was at a short distance

(b) He was sure to meet his master there

(c) Another camel was available to carry the load afterwards

(d) the journey was to end at the next village

(e) His master wished him to do so.

Q2 How many living beings in all are mentioned in the passage?

(a) Nine

(b) Eight

(c) Seven

(d) Six

(e) five

Q3 What did the tiger do the dying deer?

(a) He ate his flesh

(b) He Killed him

(c) He Killed him and ate his flesh

(d) He set him free

(e) He licked him words

Q4 All of the following were either exhausted or ~~wanted~~ wounded or killed except the

(a) deer which lay near the Camel

(b) tiger

(c) old Camel

(d) elephant

(e) hunter

How many living beings in all are mentioned in the Passage?

(a) Nine

(b) Eight

(c) Seven

(d) Six

(e) Five

Q3 What did the tiger do the dying deer?

(a) He ate his flesh

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(c) He Killed him and ate his flesh

(d) He set him free

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Q4 All of the following were either exhausted or wounded or Killed except the

(a) become his friend

(b) offered his wound

(c) licked his wound

(d) become old

(e) None of these

Que-1 Read the following passage and answer them carefully.   (12)

1. Social networking implies the use of internet programs to make connections with friends, family, classmates, customers and clients. Social networking can occur for social or business purposes through sites such as Facebook, Twitter, LinkedIn, etc. Social networks are as old as the internet technology that was first developed in the 1960s. After 2003, the social networks became very popular. Currently, internet users have more than two hundred social networks to choose from.

2. Social networking has many advantages. The biggest advantage is that you can stay in touch with your friends and family from all around the world. These social networks can be used to improve our social awareness. Students can explore topics that they are interested in by using online social networking. This can be done by interacting with people from different parts of the world. Teachers, students and professionals can also create discussion forums, or write blogs and posts to explore different and wide-ranging topics.

3. Social networking takes place online where people meet and share ideas and experiences. Many companies use social networks such as Twitter and Facebook to connect with customers and clients. This can create opportunities for relationship-building, brand-building, publicity and promotions.

4. However, there are several disadvantages of social networking sites as well. Cybercrime! and cyber bullying? have increased because it is hard to identify the offender and it is almost impossible to keep full-time surveillance in such a wide network. As people spend more time on social networking sites, they experience less face-to-face interaction which also makes them more dependent on devices. Addiction to online networking is yet another disadvantage. Fifty per cent of people between the age of 25 and 35 years admitted that they are so attached to social networks that they even use them during working hour.

    (a) What are the three chief uses of social networking?

    (b) When did social networking take off?

    (c) Write a statement from the passage that shows the growing popularity of the internet.

    (d) How does social networking impact learning?

    (e) How do companies benefit from social networking?

    (f) How do social networking sites increase crime?

    (g) What does social networking makes us dependent on?

    (h) Pick antonyms of the words given below from the passage.

        (ii) worsen (para 2)

        (iii) narrow (para 2)

        (iv) separate (para 3)

        (v) privacy (para 3)

Que-2.   (10)

This is a great lesson for all of us to learn, that in all matters the two extremes are alike. The extreme positive and the extreme negative are always similar. When the vibrations of light are too slow we do not see them, nor do we see them when they are too rapid. So is with sound; when very low in pitch we do not hear it, when very high we do not hear it either. Of like nature is the difference between resistance and non-resistance. One man does not resist because he is weak, lazy and cannot; because he will not; the other man knows that he can strike an irresistible blow if he likes; yet he not only does not strike, but blesses his enemies. The one who from weakness resists not commits a sin, and as such cannot receive any benefit from the non-resistance, while the other would commit a sin by offering resistance. – Swami Vivekananda

Answer the following questions:-

(1) "………in all matters two extremes are alike", means:
    (i) Powerful men always gain success.
    (ii) All human beings are of same characters.
    (iii) Boys and girls are equally talented.
    (iv) The extreme positive and the extreme negative are alike.

(2) When the sound is in low pitch:
    (i) we fail to hear it
    (ii) we can hear it easily
    (iii) it pleases us
    (iv) we feel dizzy

(3) Too rapid vibrations of light:
    (i) can be easily seen
    (ii) cannot be seen
    (iii) should be enjoyed
    (iv) both (2) and (3) are correct

(4) The one who resists is different from a man who does not resist, because of his:
    (i) nature
    (ii) weakness
    (iii) strength
    (iv) laziness

(5) The word 'irresistible' means:
    (i) tied so closely that it cannot be separated
    (ii) so strong that it cannot be stopped
    (iii) that cannot be changed back
    (iv) so valuable that it cannot be replaced

Ques. 3 Fill in the blanks with— little, a little, the little, few, a few, the few. (6)
    1) Can you give me_____ more coffee?
    2) _____Books we had were very interesting.
    3) There are only_____ members in the meeting.
    4)_____money my mother gave me, was not enough
    5)_____ towns in our country are. majority are dirty.
    6) Gautam is not very popular in college. He has_____friends.

Ques. 4 Write a letter to your friends inviting for Annual day program in your school. (5)

Ques. 5 What is Good Behaviour? Is it important for human being? Draft some line on importance of Good Behaviour. (5)

Ques. 6 Your school is planning to take you to for movie **"Rocketry".** Write a notice for telling about this in your class on Sunday G3S cinema.You are head boy / girl of class. (5)

Ques. 7 Complete the following sentence with suitable WH family words. (6)
    i)_____ is the pretty girl ?
    ii)_____ did you call on last evening ?
    iii)_____is the office from your home ?

iv)_____book is this ?

v)_____ is your name ?

vi)_____ are you from ?

Ques. 8 Arrange the following words into a meaningful sentence.   (6)

a)bare/its/rocky/and/surface/is

b)Famous/is/Bihu/festival/Assamese/a.

c)Celebrated/April/is/the/month/in/of/it/in/people/all

d)religions/the/celebrations/from/part/take gained by/the

e)great/Ashoka/peace/war/what/lost by/he

f)very sad/war/the/he/destruction/to/see/was in/Kalinga/tremendous/a

Ques. 9 Match the following.   (6)

i) postman brought a letter	a) milk
ii) vendor sell	b) Drive
iii) book is on the	c) Mangoes
iv) soup is delicious.	d) table
v) spilt the	e) chicken
vi) don't drink and	f) Letter

Ques. 10 Fill in the blanks with correct from of verb.   (6)

i) I _____ a science graduate.

ii) I _____ not feeling well this morning.

iii) The sun _____ is very bright this afternoon.

iv) Karishma _____ a beautiful actress.

v) Ravi and Ram _____ present today

vi) Ram _____ a good swimmer.

Ques. 11 Answer the following questions   (10)

i. Who were <u>Sue</u> and Johnsy how did they become friends?

ii. Why do you think Sadako's story is important for so many people? Her story encourages and inspire in what ways?

iii. George had his own reason for being prompt. Identity it.

iv. How is the threat of Global Warming very real in Antarctica?

v. How did Sadako spend her time at the hospital?

Ques. 12 Convert into the past.   (6)

a) Play	d) Eat
b) Teach	e) Drink
c) Run	f) Eat

Ques. 13 Make the sentences from the following words.   (6)

i) Confectioner	iv) Supper
ii) Deploy	v) Trends
iii) Strategy	vi) Respect

Ques. 14 What is noun? Also write the kinds of noun with suitable example.   (5)

Ques. 15 What are Pronoun and Adjective? Write the three kinds of both with example.   (6)

Q1. Tick the correct answer: 1×10= 10

   a. 1+3+5+7+.............+49 should be equal to
       i. 49^2 iii. 24^2
       ii. 25^2 iv. None of these

   b. The value of $45^3 - 65^3 + 20^3$ is
       i.   175500.   iii. -175500
       ii.   170000.   iv. -170000

   c. The value of $x + x(x)^x$ when x=2 is
       i.   10.   iii. 18
       ii.   16.   iv. 36

   d. The simple interest on a certain sum for 6 years at 14% per annum is ₹470.40. The sum is
       i.   ₹720   iii. ₹480
       ii.   ₹650   iv. ₹560

   e. The Cartesian plane has ..... axes.
       i.   One   iii. Three
       ii.   Two   iv. No

   f. (X,Y) are known as the .... of the points.
       i.   Ordinate   iii. Coordinates
       ii.   X-axis   iv. Abscissa

   g. The sum of money borrowed by X is called
       i.   Amount   iii. Rate
       ii.   Principal   iv. Interest

   h. Dividend = divisor × Quotient + ...
       i. Rate   iii. Remainder
       ii. Ratio   iv. Real no.

   i. A number ending in odd number of zeroes is never be a perfect......
       i. Square   iii. Ratio
       ii. Cube   iv. number

   j. The Cube of an odd natural number is
       i. Odd   iii. Natural
       ii. Even   iv. Prime

Q2. Fill in the blanks: 1×10=10

       i.   Cubes of all negative integers are ....
       ii.   Square number can have only .... number zeroes at the end.
       iii.   The Quotient when $-56 \, mnp^3$ divided by $8mnp$ is ......
       iv.   If $(x - 2)$ is one factor of $x^2-ax-6=0$, then a is ....
       v.   C.I. and S.I. for one year are ....
       vi.   When C.P. > S.P., then there is always a ....
       vii.   In case of C.I. the principal .... every year.
       viii. The point where these two axes intersect is called the ....
       ix.   The coordinate axes are mutually ....
       x.   IF 50% Ofx is 50 then x will be ......

Q3. Solve any 10 questions from the following questions: 3×10= 30

1. Riya took a loan of ₹24000 from a bank at 7% per annum and let it to ritika for 2 years at 10% p.a. how much did riya gain?

2. Make a table of value x and y and use it to draw the graph of the relationship:

        a. $Y = 4x$

3. Surface area of a cube is equal to 294 m². Find the volume of the cube.

4. Find the squares of the following numbers using diagonal method:

        a. 448

        b. 84

5. Simplify : $\dfrac{25 \times t^{-4}}{5^{-3} \times 10 \times t^{-8}}$

6. Divide:

    a. $-72x^2y^2z^2$ by $-12xyz$

    b. $-84mnp^2$ by $7mnp$

7. Find the interest paid by a borrower after a period of three years on a loan of ₹2000 at 10% per annum, interest being compounded annually.

8. Find the amount and the compound interest on ₹12000 for 3 years at 6% per annum.

9. On a graph paper draw the co-ordinates axes XOX' and YOY' and plot each of the following points:

    A(6,3) , B(2 , -4), C(-3,7), D(-5,-4), E(8,0), F(-4,0)

10. Identify the y co-ordinate of the following points:

    G(-3,0), H(-3,4), I(8,-2), J(5,-7), K(0,-3), L(0,-4)

11. Find whether or not the second polynomial is a factor of the first.

    a. $x^2 - 4x + 4$, x-2
    b. $x^2 - 5x + 84$, x+7

12. The product of two numbers is 10000. If one number is 16 times the other, find the numbers.

Q4. Find the square root of each of the following numbers by using division method:
    i.   82264900
    ii.   20657025

Q5. Simplify: 3636.09 + 2862.25
                  3636.09 – 2862.25

Q6. Calculatethe compound interest and amount, if the interest is compounded annually and its principal = ₹7000, time=3/2years, R = 12% per annum.

Q7. At what rate percent per annum. Will a sum of ₹2000 amount to ₹2205 in 2 years, compounded annually?

Q8. Divide:

    a. $12x^2y - 9xy + 6xy^2$ by $3xy$
    b. $6x^2y - 7xy^2 - 10xy$ by $1/2\ xy$

Q9. Find the smallest number which must be added to the following numbers so as to make them perfect square:

    i.   18265
    ii.   16160

Q10. Prove that if a number is doubled then its cube is 8 times the cube of the given number.

Q11. If $x/y = (-1/3)^{-3} \div (2/3)^{-4}$, find the value of:

    i. $(X/Y)^{-1}$

ii. $(X/Y + Y/X)^{-1}$

Q12. Find the square of the following numbers using the identity $(a + b)^2 = a^2 + 2ab + b^2$.

i.   102
ii.   305

Q13. The population of a town is 12000 and it increases at the rate of 10% per annum, find the population of this town after 3 years.

Q14. The side of an equilateral triangle 4cm, its perimeter is 12cm.

Plot a graph of perimeter against length of side, with the side increasing at interval of 2cm. Show on your graph

(i)   What will the perimeter be, when rhe side is 7cm.
(ii)   What will the side be, when the perimeter is 15 cm.

Q15. Tavishi is one of the beat students. Her predi ted marks in class VIII and her actual marks are shown in the graph.
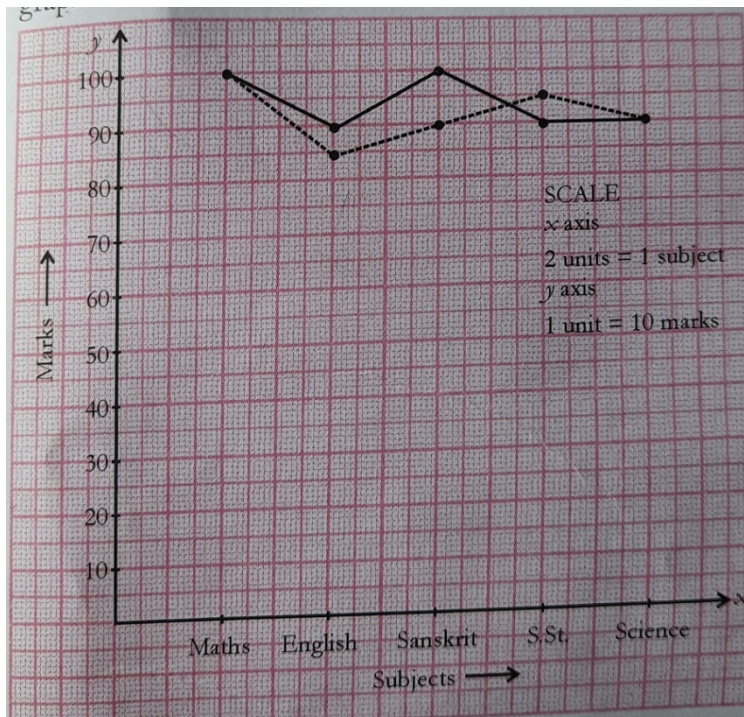
The dotted lines represent the predicted marks and the solid line represents the actual marks.

i.   In which subjects her marks are equal.
ii.   In which subjects her actual and predicted marks are equal.
iii.   In which subjects she got more marks than the predicted marks.
iv.   In which subjectsher marks were less than the predicted
v.   In which Subject the difference between the actual and predicted marks is the maximum.

Q16. Find compound interest on ₹10000 for 12 month at 10% per annum, if the interest is compounded

i.   Half yearly
ii.   Annually
iii.   Quarterly

Q1. Multiple choice questions: **5**
  i.   A Table of Authorities is like a Table of _____.
  a) Bibliography   b) Contents   c) Hyperlink   d) Ribbon
  ii. We can draw any object or _____ in Flash.
  a) Property   b) Oval   c) Stage   d) Shape
  iii. _____ means Beginners All-purpose Symbolic Instruction Code.
  a) BASICS   b) BASED   c) BASS   d) BASIC
  iv. VISUAL BASIC is a _____ and event-driven programming language.
  a) DOS   b) BASIC   c) Visual   d) C++
  v.   There are _____ types of hotspots in Dreamweaver.
  a) Five   b) Six   c) One   d) Four

Q2. Write full forms of the followings.   **2**
  i.   CSS   ii.   SWF

Q3. Write as per command: **3**
  i.   Shortcut key for inserting a footnote is _____
  ii. Shortcut key for inserting an endnote is _____
  iii. Shortcut key to select the whole document _____

Q4. Fill in the blanks: **10**
  i.   GUI is the short form for _____.
  ii.   _____is used to edit the text.
  iii. Workstations are commonly connected to a _____.
  iv.   HTML has a number of tags to create _____.
  v.   Microsoft Word 2013 automatically updates the _____ numbers.
  vi.   <img> tag is used to include an _____.
  vii. We can create a table of contents _____ .
  viii. We can also change the order of _____.
  ix.   _____ is need to display fixed text on the form of remark.
  x.   _____ get spread on a network easily.

Q5. State True or False: **10**
  i.   The current version of HTML is HTML 4.0
  ii.   A text field is used for existing text.
  iii. The pointer is not a control.
  iv.   In Bus Topology all the computers can communicate with each other without having to go through the server.
  v.   HTML is a formal recommendation by the World Wide Web.
  vi.   <A> tag is used to create buttons.
  vii. A bibliography is a numbered label.
  viii. Internet is a revolution for the computer world.
  ix.   MAN stands for Metro Area Network.
  x.   The project window is also called the Project Explorer.

Q6. Answer the following questions. (Any 10)   **20**
  i.   Explain LAN with diagram.
  ii.   Explain MAN with diagram.
  iii. Explain WAN with diagram.
  iv.   Define different Data types available in MS Access.
  v.   What is internet?
  vi.   Define Primary Key.
  vii. What is Photoshop?
  viii. Write about Ethernet cable.
  ix.   Write input devices and output devices.
  x.   Differentiate between a mobile and a laptop.
  xi.   What is hardware?
  xii. What are the advantages of networking? Write any two.

Q.1 Tick the correct answer of the followings: 1x10=10

i.   Which gives us pollution free environment on burning?
  a. Wood   c. Kerosene
  b. Cow dung cakes.   d. Biogas

ii. Which of these is multicellular?
  a. Paramecium   c. Amoeba
  b. Bacteria   d. Mushroom

iii. The S.I unit of force is
  a. Kilogram   c. Gram
  b. Newton   d. None of these

iv. Current is the flow of
  a. Electrons   c. Protons
  b. Neutrons   d. Charge

v.   Chipko movement
  a. Extraction of oil   c. Felling of trees in Uttarakhand
  b. Growing of trees   d. Global warming

vi. Forests have suffered depletion due to
  a. Increasing in demand   c. Garbage
  b. Decreasing in demand   d. Soil erosion

vii. Which one of the conductor
  a. Brass   c. Plastic
  b. Mica   d. Leather

viii. A stone thrown with a catapult(gulel) falls back on the ground because
  a. The muscles apply force   c. The stone applies force
  b. The earth exerts force   d. The catapult exerts force

ix. Chlorophyll is found in
  a. Leucoplast   c. Chloroplast
  b. Chromoplast   d. Cetrosome

x.   Coal mainly contains
  a. Carbon   c. Carbon, hydrogen and nitrogen
  b. Nitrogen and sulphur   d. None of these

Q2. Fill in the blanks: 1×10=10
  a. A better fuel leaves ...... residue after combustion.
  b. A fuel having very .... ignition temperature is dangerous to store.
  c. Energy is produced in ....
  d. An .... is a cell that can be seen without a microscope.
  e. An object slow down when force os applied on it in the .... direction.
  f. 1 Kilogram force is equal to .... Newtons .
  g. An electric current pass through some liquids called ....
  h. Alcohol is a ....
  i. Overgrazing leads to ....
  j. More and more .... is required due to population explosion.

Q3. Write T for true and F for false statements.
  i.   ZWe should not manage waste.
  ii. Deforestation causes change in the rainfall pattern.

iii.   Petrol is a good conductor of electricity.
iv.   Distilled water is an insulator
v.   Force always has a particular direction.
vi.   Gravity is a contact force.
vii.   All animals cells are spherical or oval in shape while plant cells are rectangular.
viii.   The outermost covering in an animal cell is called cell wall.
ix.   Air is necessary for combustion.
x.   Coal is a fuel on burning produce sulphur dioxide which is cause air pollution.

Q4. Define the following terms:
    a. Fossil fuels   f. Non contact force
    b. Combustion   g. Electrolytic
    c. Cell membrane   h. Deforestation
    d. Nucleus   i. Afforestation
    e. Gravitational force   j. Electrolysis

Q5. Match the following:
    a. Magnesium ribbon.   Low temperature
    b. Deforestation   Gravitational force
    c. Fossil fuels   Rapid combustion
    d. Cell   Overgrazing
    e. Force is measured in   Newton
    f. Pulling a drawer out From a table   Paper
    g. Digestion of food.   Manure
    h. An apple falls on Due to   Contact force
    i. Wood.   Petrol
    j. Biogas   Robert hooke

Q6. Write answer of the following question: (any 5)
    i.   What is nucleus and what is its function?
    ii.   Write difference between friction and gravity.
    iii.   Write three uses of petroleum.
    iv.   Differentiate between conductor and insulator.
    v.   Write three important uses of forests.
    vi.   Write Differentiate between plant cell and Animal cell.
    vii.   What are fossil fuels? How are they formed? Why should they not be wasted?

Q7. Write answer of the following questions: (any 5)   4×5=20
    i.   Draw a diagram showing different zone of a candle flame.
    ii.   Only plant can synthesize food why?
    iii.   Give two examples of each of the following :
            a. Muscular force
            b. Frictional force
            c. Gravitational force
            d. Electrostatic force
    iv.   Rajesh bought a bottle that was labelled water as distilled water. He had some doubts about it.
            Draw and explain what tet he could use to solve his problem.
    v.   What are the causes of over utilisation of natural resources?
    vi.   Mention the function of : a. Cell membrane   b. Chromosomes

Q8. Draw a well labelled diagram of Plant cell and Animal cell. Also colour it.   (5)
Q9. Explain 4-R approach.   (5)
Q10. Write 5 properties of a good fuel.   (5)

P.S.M WORLD SCHOOL
WORKSHEET
CLASS – VIII
SUBJECT – G.K.

Q1. Read the passage carefully and answer the following questions. (5)

The Japanese sprinter Hidekichi Miyazaki holds the 100 metre world record for centenarians at 29.83 seconds. Closing in on his 104th recently, he has thrown the challenge to the world's fastest man usain Bolt, whose world record is 9.58 seconds. He plans to wait another 5 years for this dream race. In the meantime he keeps his dream alive by remaining in top shape by staying disciplined and healthy. His only indulgence is a daily dose of Tangerine gem which his daughter has made for him.

Miyazaki was born in 1910, when the Titanic was still being constructed. He is 5 feet tall and weighs 42 kg. When he eats, he chews every mouthful of food 30 times before swallowing as that keeps his tummy happy and his body running, he says.

Miyazaki hails from the tea growing prefecture of Shizuka located 200 km from Tokyo. He took up competitive running at the age of 92 after watching old people's sports day.

1. The Japanese Runner Hidekichi Miyazaki holds.
   a. Record for his age
   b. The 100 metre race record for centenarians
   c. The world record for chewing his food
   d. The world record for challenging usain bolt

2. The exact age of Hidekichi Miyazaki is.
   a. 92 years
   b. 100 years
   c. 105 years
   d. 104 years

3. Miyazaki was born.
   a. In the year of the Titanic
   b. One year after Titanic was constructed
   c. In 1911
   d. When the Titanic was being constructed

4. He has thrown the challenge to the world's fastest man Usain bolt, whose record is.
   a. 29.83 seconds
   b. 5.98 seconds
   c. 28.93 seconds
   d. 9.58 seconds

5. The act of doing something that pleases a person is.
   a. Challenge
   b. Indulgence
   c. Swallowing
   d. Constructed

Q. 2 Series completion (5)
   i. 5,13,37,109, _____
   ii. 83452791, 3452791, 345279, 45279, _____
   iii. 1,3,4,8,16,31,59,114, _____
   iv. 54,36,18, _____
   v. 9528, 8576, 7719, 6948, 6254, _____

Q3. Coding-Decoding (5)

1. Which of the following words is represented by the code 'pmmdmwug'?
   a. IRREVERSIBLE
   b. ATTITUDE
   c. POSSIBLE
   d. DUPLICATE

2. In the certain code, TOGETHER is written as RQEGRJCT. How can we write PAROLE in the same code?
   a. FHTYUI
   b. MWLOPD
   c. NCPQJG
   d. DHISAB

3. If DELHI is coded as 89742 and MUMBAI is coded 606132, how can we code BADLI?
   a. 13872
   b. 74840

c. 18327　　　　　　　　　　　　　　　d. 27831

4. If the code number for the word DIG is '20', what code can be given to the word BAG?

 a. 8　　　　　　　　　　　　　　　　b. 12

 c. 10　　　　　　　　　　　　　　　d. 14

5. If '*kim ma pro lu*' stands for 'Rajan gets birthday gift' ; '*dan lu pro hj*' stands for 'Tahil gives birthday gift' and '*im ri dan*' means 'Bisht gives nothing', then 'gives' stands for?

 a. *Pro*　　　　　　　　　　　　　　b. *dan*

 c. *Kim*　　　　　　　　　　　　　　d. *ri*

Q4. Tech savvy　　　　　　　　　　　　　　　　　　　　　　**(5)**

1. What is the addition of 101010 and 111111?

 a. 1101001　　　　　　　　　　　　b. 1001001

 c. 1111001　　　　　　　　　　　　d. 1100001

2. HTML is used to create_____.

 a. Machine language program　　　　b. High level program

 c. Web page　　　　　　　　　　　　d. Web server

3. The full form of DBMS is_____.

 a. Data management system　　　　　b. Database manage system

 c. Database management system　　　d. None of these

4. Duplication of data is known as _____.

 a. Data inconveniency　　　　　　　b. Data inconsistency

 c. Data repentance　　　　　　　　　d. Data redundancy

5. Which one of the following is NOT a valid type of networking?

 a. LAN　　　　　　　　　　　　　　b. MAN

 c. VAN　　　　　　　　　　　　　　d. All are valid

Q5. Knowledge Scoop　　　　　　　　　　　　　　　　　　　**(5)**

1. In which units is the processing speed of a computer measured?

 a. Bytes　　　　　　　　　　　　　　b. Bits

 c. Hertz　　　　　　　　　　　　　　d. Seconds

2. Which is the executive body of the UN?

 a. General Assembly　　　　　　　　b. Security Council

 c. Trusteeship Council　　　　　　　d. International Court of Justice

3. Who has written the book 'ignited Minds'?

 a. R.Venkataraman　　　　　　　　　b. K.R. Narayanan

 c. APJ Abdul Kalam　　　　　　　　d. Shankar Dyal Sharma

4. Name the first Indian who get an Oscar Award.

 a. A. R Rahman　　　　　　　　　　b. Bhanu Athaiya

 c. Amir khan　　　　　　　　　　　　d. Dilip Kumar

5. Where is the longest railway platform located in India?

 a. Kharagpur, West Bengal　　　　　b. Gorakhpur, UP

 c. Bilaspur, Chhattisgarh　　　　　　d. Kollam, Kerala

Q6. Scientific reasoning　　　　　　　　　　　　　　　　　　**(6)**

1. Which of the following is not a property of metals?

 a. Sonorous　　　　　　　　　　　　b. Brittle

 c. Lustrous　　　　　　　　　　　　d. Malleable

2. Which of the following is the most reactive metal?
   a. Magnesium   b. Sodium
   c. Mercury   d. Siver
3. Which variety of coal has the maximum carbon content?
   a. Lignite   b. Bituminous
   c. Anthracite   d. Peat
4. Which among the following is a soft metal?
   a. Potassium   b. Nickel
   c. Calcium   d. Aluminum
5. Mr. Arun is a pisciculturist. He is engaged in rearing of _____.
   a. Honeybee   b. Milch animals
   c. Sheep   d. Fish
6. Which part of the cell can be called 'the brain of the cell'?
   a. Cytoplasm   b. Golgi bodies
   c. Nucleus   d. Mitochondrion

Q7. Match the following microbes with diseases caused by them: **(4)**

A	B
a. Virus	Malaria
b. Bacteria	Hepatitis
c. Protozoa	Typhoid
d. Fungi	Rust of wheat

Q8. Current Affairs   **(10)**
1. Which Union Ministry is organising the 'Startup India Innovation Week'?
2. 2024 Paralympics to be held in which city of Europe?
3. In which country will the first underwater metro start by December 2023?
4. Who inaugurated Octave 2023 in Thanjavur?
5. In which state did the Khelo India National Women Kho Kho leagues commence?
6. Who won the Adelaide International 2023?
7. Which organization publishes the Global Risks Report 2023?
8. How deep will India send three people under the Samudrayaan Mission?
9. Which organization publishes the Food Price Index (FFPI)?
10. In which state has the Parshuram Kund Festival started?

Q9. Write the paragraph on any one topic.   **(5)**
1. Value of Discipline 2. Republic Day 3.Importance of Education

प्र.1 निम्नलिखित गद्यांश को पढ़कर पूछे गए प्रश्नों के उत्तर लिखिए-   -10

ऐसे लोगों का साथ करना हमारे लिए बुरा है, जो हम से अधिक दृढ़ संकल्प के हैं,क्योंकि हमें उनकी हर बात बिना विरोध के मान लेनी पड़ती है। पर ऐसे लोगों का साथ करना और भी बुरा है, जो हमारी ही बात को ऊपर रखते हैं, क्योंकि ऐसी दशा में ना तो हमारे ऊपर कोई नियंत्रण रहता है और न हमारे लिए कोई सहारा रहता है। दोनों अवस्थाओं में जिस बात का भय रहता है उसका पता युवकों को प्राय बहुत कम रहता है। यदि विवेक से काम लिया जाए तो यह भय नहीं रहता, पर युवा पुरुष प्रायः विवेक से कम काम लेते हैं। कैसे आश्चर्य की बात है कि लोग घोड़ा लेते हैं तो उसके सौ गुण- दोषों को परख कर लेते हैं पर किसी को मित्र बनाने में उसके पूर्व आचरण और स्वभाव आदि का कुछ भी विचार और अनुसंधान नहीं करते।

प्रश्न-

1. कैसे लोगों का साथ करना बुरा है और क्यों?

2. किन लोगों का साथ करना और भी ज्यादा बुरा बताया गया है और क्यों?

3. प्रायः युवा पुरुष किस प्रकार के होते हैं उनका वह कैसे दूर हो सकता है?

4. घोड़े का उदाहरण देकर लेखक क्या बात समझाना चाह रहा है?

5. इस गद्यांश का उपयुक्त शीर्षक क्या हो सकता है?

प्र.2 निम्नलिखित काव्यांश को पढ़कर पूछे गए प्रश्नों के उत्तर लिखिए-   -5

हम पंछी उन्मुक्त गगन के पिंजरबद्ध न गा पाएंगे,

कनक तीलियों से टकराकर पुलकित पंख टूट जाएंगे।

हम बहता जल पीने वाले मर जाएंगे भूखे- प्यासे,

कहीं भली है कटुक निबोरी कनक कटोरी की मैदा से।

प्रश्न-

1. आकाश में उड़ने वाले पक्षी गीत क्यों नहीं गा पाएंगे?

2. उन्हें कैसा जल पीना भाता है?

3. सोने की कटोरी में रखी मैदा की अपेक्षा वे क्या खाना पसंद करेंगे?

4. कविता की इन पंक्तियों में किस प्रकार के जीवन का महत्व दर्शाया गया है?

5. 'पक्षी' शब्द के कोई दो पर्यायवाची लिखिए।

प्र.3 निम्नलिखित पंक्तियों की सप्रसंग व्याख्या लिखिए-   -5

पक्षी और बादल,

ये भगवान के डाकिए हैं,

एक एक महादेश से

दूसरे महादेश को जाते हैं

हम तो समझ नहीं पाते हैं

मगर उनकी लाई चिट्टियां

पेड़ पौधे पानी और पहाड़

बाॅंचते हैं।

प्र.4 निम्नलिखित प्रश्नों के उत्तर 15- 20 शब्दों में दीजिए-।   2*5=10

(क) 'तलवार का महत्व होता है म्यान का नहीं '-उक्त उदाहरण से कबीर क्या कहना चाहते हैं? स्पष्ट कीजिए।

(ख) 'यह कठिन समय नहीं है?' यह बताने के लिए कविता में कौन-कौन से तर्क प्रस्तुत किए गए हैं स्पष्ट कीजिए।

(ग) दोषों का पर्दाफाश करना कब बुरा रूप ले सकता है?

(घ) कवि ने पक्षी और बादल को भगवान के डाकिए क्यों बताया है? स्पष्ट कीजिए।

(ड़) पत्र धरोहर हो सकते हैं लेकिन एसएमएस में क्यों नहीं? तर्क सहित अपना विचार लिखिए

             या

कवि ने अपने आने को 'उल्लास' और जाने को 'आंसू बनकर बह जाना' क्यों कहा है?

प्र.5 निम्नलिखित प्रश्नों के उत्तर 30- 35 शब्दों में दीजिए-।   4*4=16

1. बचपन में लेखक अपने मामा के गाॅंव चाव से क्यों जाता था और बदलू को 'बदलू मामा' न कहकर 'बदलू काका' क्यों कहा जाता था?

2. विनिमय क्या है? विनिमय की प्रचलित पद्धति क्या है?

3. कवि पुष्पों की तंद्रा और आलस्य दूर हटाने के लिए क्या करना चाहता है?

भारत की खोज

प्र.6 नीचे दिए गए प्रश्नों के उत्तर दीजिए-

(क) आपके अनुसार भारत यूरोप की तुलना में तकनीकी-विकास की दौड़ में क्यों पिछड़ गया था?

(ख) औरतों के परदे में अलग-थलग रहने से सामाजिक जीवन के विकास में रूकावट आई।' कैसे?

या

सिंधु घाटी सभ्यता के अंत के बारे में अनेक विद्वानों के कई मत हैं। आपके अनुसार इस सभ्यता का अंत कैसे हुआ होगा, तर्क सहित लिखिए।

' व्याकरण'

प्र.6 निम्नलिखित कथनों पर (✓)या(✗) का निशान लगाओ-   -5

(क) व्याकरण के तीन विभाग हैं। (   )

(ख) भाषा का लिखित रूप प्राचीनतम है। (   )

(ग) बोली में यदि साहित्य- रचना होती है तो उसे उपभाषा कहते हैं। (   )

(घ) 14 सितंबर सन 1949 को हिंदी को राजभाषा स्वीकार किया गया। (   )

(ड़) भाषा का क्षेत्रीय रूप ही बोली कहलाता है। (   )

प्र.7 निम्नलिखित कथनों को पढ़कर सही उत्तर बताइए-   -5

   1. हिंदी में व्यंजनों की संख्या है-

      (अ) 25 (ब) 49 (स) 33 (द) 48

   2. व्यंजन कितने प्रकार के होते हैं-

      (अ) 3 (ब) 4 (स) 6 (द) 5

   3. हिंदी वर्णमाला में स्वर है-

(अ) 11 (ब) 13 (स) 15 (द) 17

4. विशेष रूप से लिखे जाने वाले संयुक्त व्यंजन है-

(अ) 6 (ब) 4 (स) 2 (द) 1

5. दीर्घ स्वर है-

(अ) 5 (ब) 7 (स) 4 (द) 3

प्र.8 कोष्ठक में दिए गए रिक्त स्थानों की पूर्ति दिए गए निपातों द्वारा कीजिए- 5
भी, तक, ही, मात्र, भी

1. परीक्षा आरंभ होने में ......दस मिनट रह गए हैं।

2. वह शाम....... यहीं बैठी रही।

3. हम तो उससे मिले........ हैं।

4. मुझे ......यह कूड़ा उठाना होगा।

5. साक्षी को........ बुलाइए।

प्र.9 निम्नलिखित शब्दों के तीन तीन पर्यायवाची शब्द लिखिए-।   -5

1. कहानी

2. इच्छा

3. सूर्य

4. कमल

5. मनुष्य

प्र.10 (क) उपसर्ग और प्रत्यय में क्या अंतर है? उदाहरण सहित स्पष्ट कीजिए।   -2

(ख) स्वर संधि की परिभाषा उदाहरण सहित बताइए।   -2

(ग) अनुस्वार और अनुनासिक में क्या अंतर है? उदाहरण सहित बताइए।   -2

(घ) काल किसे कहते हैं? काल के कितने भेद होते हैं?विस्तार से बताइए।   -3

(ड़) सर्वनाम किसे कहते हैं? सर्वनाम के कितने भेद होते हैं? प्रत्येक का नाम लिखिए। -2

प्र.11 निम्नलिखित में से किसी एक विषय पर निबंध लिखिए- -   10

(क) यातायात के साधनों का क्रमिक विकास।

- प्रस्तावना

- यातायात के साधन

- साधनों का विकास

- सुविधाओं में वृद्धि

- उपसंहार

(ख) परिश्रम ही सफलता का साधन

- प्रस्तावना

- परिश्रम की जरूरत

- परिश्रम के लाभ

- परिश्रम की उपयोगिता

- उपसंहार

(ग) पुस्तकालय का हमारे जीवन में उपयोग

- प्रस्तावना

- पुस्तकालय की आवश्यकता

- जीवन में पुस्तकों का महत्व

- पुस्तकालय का रखरखाव

- उपसंहार

प्र.12 पेयजल की समस्या का वर्णन करते हुए स्वास्थ्य अधिकारी को पत्र लिखिए। -8

अथवा

साक्षरता अभियान में अपने योगदान का वर्णन करते हुए मित्र को पत्र लिखिए।

Que-1 Who was the first trader to discover a new sea route to India? (1)

Que-2 Indian reformers led the major protests against the_____ (1)

Que-3 What is land use pattern. (1)

Que-4 When did the Indian constitution come into force? (1)

Que-5 Where does president of India live? (1)

Que-6 What is importance of judiciary? (2)

Que-7 List any two ways in which the British rule affected India economically? (2)

Que-8 Explain the First Carnatic war. (2)

Que-9 Why did British start opium Production? (2)

Que-10 List Any two man -made resources? (2)

Que-11 Name the lower and upper house of parliament? (2)

Que-12 List any two importance of judiciary? (2)

Que-13 How can we ensure independence of judiciary? (2)

Que-14 When did modern period begin? (3)

Que-15 Explain the 'Rule of Law' introduced by the British. (3)

Que-16 How is water called renewable resource? (3)

Que-17 Distinguish between metallic and non-metallic minerals?

Que-18 Minerals are very important to use why? (5)

Que-18 Match the following: (5)

Column A	Column B
1- Shelter	a- Conservating of forest and wildlife
2-Bioreserves and national park	b- weathering
3-Soli formation.	c- conservation of water
4-Water harvesting	d- 29%
5-Total land area on earth	e- soil conservation

Que-19 Differentiate between subsistence farming and commercial farming. (5)

Que-20 Tick the True or False. (5)
   i.   The high court is the highest court at the district level.
   ii. The Supreme Court interprets the constitution of India.
   iii. Everybody in India has access to court.
   iv. Nyaya panchayats provide justice at district level.
   v.   Lok adalats provide quick and speedy justice.

Que-21 Explain the main features of permanent settlement? (5)

Que-22 How was Punjab finally conquered? (6)

Que-23 What do you understand by the system of 'subsidiary Alliance'? (6)

Que-24 Mention and explain different ways of conserving power resources. (6)

Que-25 Write Short Note on the followings: 6x2=12
   a) Type of Soil   b) Judiciary

Que-25 How is forest Fire caused? List out 6 steps to prevent forest fires. (6)

प्र.1 गद्यांशं पठित्वा प्रशनानाम् उत्तरं निर्देशानुसारं लिखत- -10

एकदा राजकुमारः सिद्धार्थः विहारार्थम् उपवनम् अगच्छत्। बाणेन विद्धः हंसः भूमौ अपतत्। एतत् दृष्ट्वा सिद्धार्थस्य मनः करुणया व्याकुलं जातम्।

सः धावित्वा हंसस्य शरीरात् बाणं निष्कास्य तम् अड्के अधारयत्।अत्रान्तरे देवदत्तः तत्र आगच्छत्।सः हंसं वीक्ष्य उच्चैः अवदत्- "सिद्धार्थ!एसः मम हंसः अस्ति। मया बाणेन निपातितः। अतः मह्यं देहि।" सिद्धार्थः दृढ़तया अवदत्- अहं न दास्यामि। "अहम् अस्य रक्षकः अस्मि। रक्षकः भक्षकात् श्रेष्ठः भवति।"

1.एकपदेन उत्तरत-

- सिद्धार्थः विहारार्थम् कुत्र अगच्छत्?
- हंसः केन विद्धः भूमौ अपतत्?
- हंसस्य रक्षकः कः आसीत्?
- रक्षकः कस्मात् श्रेष्ठः भवति?

2. पूर्णवाक्येन उत्तरत-

(क) देवदत्तः सिद्धार्थ किम् अवदत्?

(ख) सिद्धार्थः धावित्वा किम् अकरोत्?

3. निर्देशानुसारम् उत्तरत-

(क) 'अहम्' सर्वनाम कस्मै प्रयुक्तम्?

   (अ) सिद्धार्थाय   (ब) देवदत्ताय   (स) हंसाय

(ख)'अपतत्' क्रियायाः कर्ता कः?

   (अ) विद्धः   (ब) हंसः   (स) भूमौ

प्र.2 स्वभ्रातुः विवाहस्य अवसरे दिनद्वयस्य अवकाशार्थं प्रधानाचार्यं प्रति लिखिते प्रार्थनापत्रे रिक्तस्थानानि पूरयत-   -10

मञ्जूषा- भ्रातुः, गमिष्यति, शिष्यः, माम्, निवेदनम्, दिनद्वयस्य, सादरप्रणामम्, 07-10-20 ।

परीक्षाभवनम्

तिथिः ....

आदरणीयाः प्रधानाचार्यमहोदयाः

(1)......................!

सविनयं (2)...............अस्ति यत् मम (3) .... विवाहः श्वः भविष्यति। वरयात्रा

दिल्लीनगरं (4) ....। अतः महाम्ं (5) .... अवकाशं प्रदाय (6) .... अनुगृह्णन्तु।

                      भवतः (7)..............

                 क,ख,ख

प्र.3 घटिका-समयं दृष्ट्वा तस्य स्थाने उचितं समयं रिक्तस्थानम् पूरयत-   -5

   ● राकेशः प्रातः(6:00)...........उत्तिष्ठति।

   ● सः (7:15).......... विद्यालयं गच्छति।

   ● सः (11:30) ....मध्याह्न भोजन करोति।

   ● सः (2:45) .... गृहम् आगच्छति।

- सोनल: (10:00) ....कार्यालयं गच्छति।

प्र.4 लट् लकार (धातुरुपाणि)-   -6

पुरुष	एकवचन	द्विवचन	बहुवचन
प्रथम पु.	....	....	....
मध्यम पु.	....	....	....
उत्तम पु.	....	....	....

प्र.5 कमल अकारान्त नपुंसकलिंग (शब्दरुपाणि)   -4

विभक्ति	एकवचन	द्विवचन	बहुवचन
प्रथमा	....	....	....
द्वितीया	....	....	....

प्र.6 शब्दार्थाः -   -10

- वारेन
- मधुमासे
- पयोधीनाम्
- व्याधः
- स्फूर्तिः
- विमला
- देहि
- प्रसार्य

- कुटिल
- क्षीयते

प्र.7. विशेषण-विशेष्य मेलनं कुरुत-   -6

विशेषणपदानि	विशेष्यपदानि
1. प्रजापालकः	(क) जलधारा
2. अतिमनोहरः	(ख) वर्षाणि
3. विमला	(ग) राजा
4. कृष्णम्	(घ) स्थानं
5. विचित्रं	(ड़) देवालयः
6. कियन्ति	(च) उदकम्

प्र.8 पूर्णवाक्येन उत्तरत-   -6

(क) व्यायामेन किं- किन भवति?

(ख) के निम्बस्य सत्वं पीत्वा नीरोगाः भवन्ति?

(ख) पक्षी कुत्र पुरीषोत्सर्जनम् अकरोत्?

प्र.9स्थूलपदानि आधृत्य प्रश्ननिर्माणं कुरुत-   -6

1. **मधुमासे** एव जनाः तव प्रशंसां कुर्वन्ति।

2. अहमेव **आयुर्वेदस्य** जन्मदाता अस्मि।

3. जम्बूवृक्षः **सर्वेभ्यः** फलानि छायां च यच्छति।

प्र.10 कोष्ठकात् उचितपदं चित्वा पाठानुसारं रिक्तस्थानं पूरयत-   -5

1. तपोवनमध्ये अतिमनोहरः...........अस्ति। (सरोवरः/देवालयः)

2. कुण्डात् बहिः स्थापितं भस्म......भवति। (पर्वताकारं/ वृक्षाकारं)

3. अत्र साक्षात् ......निवसन्ति। (ऋषयः/ देवताः)

4. राजा देवतां स्मृत्वा........ आहुतिम् अक्षिपत्। (जलकुण्डे/ होमकुण्डे)

5. यः तत्र स्नानं करोति, सः ....भवति। (पुण्यपुरुषः/ शुद्धपुरुषः)

प्र.11 भिन्नप्रकृतिकं पदों रेखांकित कुरुत-   -4

1. सूचनां, दिशायां, निदां, गृहम्

2. परिश्रम्य, आगत्य, विश्रामाय, निर्गत्य

3. भवन्ति, ददाति, वधते, निमज्जति

4. सदा, तथा, तथा, महताम्

प्र.12 विलोमपदं-   -5

1. सायं-

2. सूर्योदयः -

3. दिनस्य -

4. प्रथमा -

5. वधते -

प्र.13 एकपदेन उत्तरत-।   -10

- भूमेः गुरुतरा का?

- कीदृशः साधुः स्मृतः?

- यज्ञः कथन मृतः भवेत्?

- कः अस्ताचलं प्रति गच्छामि?

- कस्य वृक्षस्य प्रशंसा मधुमासे एव भवति?

प्र.14 व्यवसाय नामानि- -5

प्र.15 संख्यापदानि- -5
- 15
- 39
- 45
- 20
- 34

प्र.16 फलानाम नामानि- -3