ST. VIVEKANAND LOTUS VALLEY PUBLIC SCHOOL

SECTOR-18 HUDA, JAGADHRI

HOLIDAY

HOMEWORK

CLASS-VIII

SESSION:2024-25

New session, new books and new friends have kept the kids buzzing for a while and now the much awaited vacation is here! Summer break is the best time of the year for parents and children alike. While parents get to spend the maximum time with their young ones during this period; for kids, it's time for family bonding, lots of ice cream, time to visit grandparents and getting pampered to no end.

Keeping this in mind, the subject wise assignments given as holidays homework have been planned with the view to make the optimum use of youngsters' energy and give a vent to their creativity so that the process of learning continues during the vacation as well. Parents' support and encouragement is sought to ascertain that the budding minds take out some time from long summer days and switch on the search energy of their minds in exploring and learning.

We hope that the students enjoy these holidays thoroughly in a way that they inculcate some values, virtues, and knowledge in the bargain!!!!

GENERAL INSTRUCTIONS

➢ Kindly follow the below mentioned instructions to do the Homework:
   The Holidays Homework has been divided into separate Categories. For example:

   Part – A (Written and Learning work)

   Part – B (Models & Charts)

   Part – C (Assignments)

   Do the Holidays Homework neatly & in legible hand writing.

➢ Apart from the Holidays Homework also help your ward to revise the syllabus done in the Class for all the subject still date.

➢ Assignments (Part-C of Holiday Homework) should be done neatly by taking printouts on A-4 sheets.

➢ After completion of assignments, paste it in respective subject notebooks.

➢ The work should be original and not copied from Internet.

➢ The models, charts and Assignments should be submitted to the respective subject teacher.

➢ The holiday homework would be marked out of 10 marks for each subject.

➢ Models should be strictly made on the guidelines prescribed.

➢ Best models/charts will be displayed in the Summer Project Exhibition and the student will demonstrate it.

➢ Holiday homework should be submitted on July 5, 2024 i.e. Friday.

NOTICE:-

The school will be closed for Summer Vacation from May 28, 2024 to July 1, 2024. It will reopen on July 2, 2024, with regular school timings.

The School also desires you to adhere to the following guidelines for a fulfilling break:

1. *Wake up early in the morning.*
2. *Follow a Fitness Routine. Do easy exercises / go for running with your parents early in the morning.*
3. *Indulge yourself in Sports and Games.*
4. *Study well.*
5. *Maintain Good Health and Hygiene.*
6. *Enroll yourself in any Hobby Class.*
7. *Read books to keep reading alive.*
8. *Stay indoors and in shaded places as much as possible.*
9. *Drink enough water and salted drinks (lemonade, fruit juices, ORS) frequently. Avoid junk food & eat healthy homemade food.*
10. *Respect & obey your elders.*

Happy Summer Holidays!
Find Your Happy Place.

__Kindly take a note that every student has to make the models as per the subject assigned. The charts of all subjects have to be made as per the Roll Nos. allotted.__

VIII A– English, Maths, Computer

VIII B – Hindi, S.St, Science

ENGLISH

PART-A

- Revise all the work done in the class.

Part-B

MODELS

1. Determiners display board using thick thermocole sheet (Roll no. 1-10)

- Design a display board showcasing different types of determiners

2. **Verb Garden (Roll no. 11-20)**

- Create a miniature garden scene with flowers, plants and insects. Write different action verbs on small signs and place them throughout the garden.

3. Sentences (Roll no. 21 onwards)

- Make a static Model of different types of sentences with examples.

CHARTS

1. Prepare a chart on Tenses(Train Journey) (Roll no. 1-10)

2. Prepare a chart on Types of Adjectives (Roll no. 11-20)

3. Prepare a chart on Prepositions using relevant pictures (Roll no. 21-38)

MATHS

Part A

- Revise the Syllabus done in the class.
- Revise the tables from 12 to 20.

Part-B

Charts

- Make a chart of hexagon pattern with the help of Ice cream sticks and cardboard. (Roll no. 1-8)
- Make a chart of Square root - Spiral Peacock (Roll no. 9-16)
- Make a chart of Type of Graphs (Roll no. 17-24)
- Make a chart of Symmetrical shapes (Roll no. 25-32)
- Make a chart of Algebraic expressions and identities (Roll no. 33 onwards)

MODELS

1. Make a working model of ATM Machine using cardboard. (Roll no. 1 to 8)

2. Make a static model of 3-D shape Robot. (Roll no. 9 to 16)

3. Make static model of Hexagon Light Panel. (Roll no. 17 to 24)

4. Make a model of Maths city using different mathematical shapes. (Roll no. 25-32)

5. Make a static model of Pythagoras Theorem (Roll no. 33 onwards)

SCIENCE

Part A

- Revise all the work done in class.
- Do the practice of the diagrams .

Part –B

CHARTS

1. Make a chart of the structure of plant cell (Roll no. 1 to 10)

2. Make a chart of the structure of animal cell (Roll no. 11 to 20)

3. Make a chart of nerve cell. (Roll 21 to 30)

4. Make a chart of Refining of petroleum. (Roll no . 31 to 38)

MODELS

1. Make a working model of solar irrigation system. (Roll no. 1 to 6)

2. Make a working model of Rain water harvesting. (Roll no. 7 to 12)

3. Make a working model of Chandrayaan lander and rover. (Roll no. 13 to 20)

4. Make a working model of solar Panel energy driven vehicle. (Roll no. 21 to 29)

5 Make a static model of ADITYA Rocket. (Roll no. 30 onwards)

SOCIAL STUDIES

- **Revise all the work done in the class**

  Activity 1 : Timeline (Roll No.1 – 19)

  Prepare a Timeline of various events in history of Freedom Fighters

  Activity 2 : Magazine (Roll No. 20 onwards)

  Prepare a magazine (7-8 pages) by pasting pictures of industries with their logo.

  E.g. Major mineral manufacturing industries in India- Iron and Steel Industry in India (Tata Steel Ltd.)

  Automobile Industry (Maruti Suzuki) etc.

  Activity 3 : Map work(for entire class) (To be pasted in Geography Notebook)

   1857 revolt places

Section B (Model)

R.NO	Name of Model	Type
1-9	EVM	Working
10-18	Solar system	Working
19-27	Mining	Static
28 onwards	Global Warming	Static

हिंदी

खंड - क

1 अपनी पाठ्यपुस्तक के गद्य पाठकों से 15 पृष्ठ सुलेख लिखें। अक्षरों की बनावट पर विशेष ध्यान रखें।

2. निम्नलिखित विषयों पर पत्र लिखें।

क) **अनौपचारिक पत्र**

(i) विद्यालय में आयोजित वृक्षारोपण कार्यक्रम का वर्णन करते हुए अपने नाना जी को पत्र लिखिए।

(ii) अपनी सखी को वाद-विवाद प्रतियोगिता में प्रथम आने पर बधाई पत्र लिखिए।

(ख) **औपचारिक पत्र**

(i) नगर निगम अधिकारी को नगर में डेंगू एवं चिकनगुनिया फैलने के कारणों एवं इससे निपटने की अपर्याप्त तैयारी के संबंध में बताते हुए एक पत्र लिखिए।

(ii) आपके पिताजी का तबादला हो गया है। विद्यालय छोड़ने के प्रमाण पत्र हेतु प्रधानाचार्या जी को प्रार्थना पत्र लिखिए।

3. अनुच्छेद लेखन।

(i) विद्यार्थी जीवन में अनुशासन का महत्व

(ii) मोबाइल फोन : लाभ एवं हानि।

(iii) क्या हम आज भी रूढ़िवादी हैं?

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खंड - ख

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मॉडल

1. Roll No. 1-10 → वर्ण तथा वर्णों के प्रकार पर आधारित मॉडल बनाएं।

2. Roll No. 11-20→ गद्य की विधाओं का उल्लेख करते हुए मॉडल बनाएं।

3. Roll No. 21-30 → शब्द विचार पाठ के आधार पर शब्दों का वर्गीकरण करते हुए मॉडल तैयार करें।

4. Roll No. 31 onwards → स्वर संधि के प्रकार पर मॉडल तैयार करें।

चार्ट

1. अटल बिहारी वाजपई जी के जीवन चरित्र को चित्रों के माध्यम से चार्ट पर दर्शाएं। Roll No. 1-17→

2. खेल जगत में प्रसिद्ध भारतीय नारियों के द्वारा अर्जित पुरस्कारों को चित्र सहित चार्ट पर दर्शाएं। Roll No. 18 onwards →

COMPUTER

- Revise Ch- 1,2,3

Models

- Ring topology (Roll no.1-5) https://youtu.be/HqvJxEdRlzw?si=Xr5neKDbOeijQ1PE
- Bus topology (Roll no. 6-10) https://youtu.be/dbM7g6KJRcU?si=EnMr-e9OHvauiWN9
- Mesh topology (Roll no. 11-15) https://youtu.be/104yA69NLtQ?si=aE5n_LBge7lItZlU

- LAN (Roll no. 16-20) https://youtu.be/Y-G-GfiMNLE?si=O9GTXXmhUBkgDyic
- MAN (Roll no. 21-25) https://youtu.be/H7KCWY0x4lI?si=j6kYv9G9t1i0-xOf
- WAN (Roll no. 26-30) https://www.youtube.com/watch?v=sjQlSREbK-Q
- Star topology (Roll no. 31-38) https://youtu.be/104yA69NLtQ?si=LD_62ANEclj0D02F

ART & CRAFT

Make a beautiful paper doll (Ref Pg. no. 53 of Art Book) (Roll no. 1 to 18)

Make any object using Paper Mache (Ref Pg. no. 49 & 54 of Art Book) (Roll no. 19 onwards)

SANSKRIT

खंड 'क'

Revise all the work done in class.

To be done in Sanskrit Notebook.

1. ऋक्कारांत पुलिंग पितृ शब्द तथा ऋकारांत स्त्रीलिंग मातृ शब्द को कंठस्थ कर पुस्तिका में लिखें।

2. अदस् शब्द का पुल्लिंग व स्त्रीलिंग रूप कंठस्थ कर पुस्तिका में लिखें।

3. कथ् (कहना) धातु के पांचो लकार कंठस्थ कर पुस्तिका में लिखें।

खंड 'ख'

मॉडल -

अनुक्रमांक - (VIII A -16,19,21,31और 35), (VIII B -1,3,9,12) विद्यार्थी पंच लक्षणम् शीर्षक पर मॉडल बनाएं।

अनुक्रमांक - (VIII B - 13,14,15,17,19,21,22,23 और 35) 'आओ अनुवाद सीखें ' शीर्षक पर मॉडल बनाएं।

चार्ट -

अनुक्रमांक - (VIII A - 16,19,21,31, और 35) (VIII B - 1,3,9, और 12) - पक्षियों तथा वस्तुओं के नाम संस्कृत में चित्र सहित लिखते हुए चार्ट बनाएं।

अनुक्रमांक -(VIII B - 13,14,15, 17,19,21,22,23 और 35) संस्कृत के किसी रचनाकार के विषय में चित्र के माध्यम से बताते हुए चार्ट बनाएं।

PART-C

(Printouts of the following Assignments to be taken, solve them and paste in notebook).

Maths Assignment

Assignment-1 (Chapter-3)

Section-A

1. Which of the following is a perfect square number?

(a) 453   (b) 8657   (c) 93542   (d) 729

2. Which of 225^2, 97^2, 53^2 and 809^2 would end with digit 1.

(a) 225^2 (b) 97^2 (c) 53^2 (d) 809^2

3. What will be the number of zeros in the square of the number 7000?

(a) 3   (b) 5   (c) 6   (d) 2

4. How many natural numbers lie between 13^2 and 14^2.

(a) 24   (b) 25   (c) 26   (d) 27

5. Express the square number 5^2 as the sum of two consecutive integers.

(a) 12 + 13   (b) 10 + 15   (c) 9 + 16   (d) 20 + 5

6. Which of the following is not a Pythagorean triplet?

(a) 6, 8, 10   (b) 8, 15, 17   (c) 2, 5, 7   (d) 5, 12, 13

7. What could be the possible one's digit of the number whose square is 361?

(a) 3, 4   (b) 6, 7   (c) 1, 9   (d) 7, 8

8. The smallest number by which 75 should be multiplied so as to get a perfect square is

(a) 2   (b) 3   (c) 5   (d) 7

9.) Assertion (A) –The perfect square number out of 2, 3, 4 and 5 is 4.

Reasons (R)–A perfect square is a number that can be expressed as the product of an integer by itself or as the second exponent of an integer.

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.

10.) Assertion (A) –A perfect square number between 30 and 40 is 36.

Reasons (R) –A perfect square is a number that can be expressed as the product of an integer by itself or as the second exponent of an integer.

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.

Section-B

11. Is 5292 a perfect square?

12. By what least number should 720 be multiplied to get a perfect square number? Also, find the number whose square is the new number.

13. By what least number should 2527 be divided to get a perfect square number? Find the number whose square is the new number.

14. In a movie theatre, the number of rows is equal to the number of chairs in each row. If the capacity of the theatre is 2025, find the number of chairs in each row.

Section-C

Case study

15. Riya wanted to design a box having square faces of area 2704m³. She went to the market and purchased a big cardboard. She had to cut the cardboard for making the square box. Based on this information answer the following questions:

a) What will be each side of square box?

b) What will be the perimeter of each side of square box?

c) Find the total surface area of the box.

d) If the cost of applying ribbon all across of the box is ₹ 5, then find the total amount spent.

   a) ₹ 1120   b) ₹ 1040   c) ₹ 1240   d) ₹ 1440

Assignment-2 (Chapter-4)

Question 1 and 2 are Assertion and Reason. Select anyone of the given options below for these.

a) both A and R are true and R is correct explanation of A
b) Both A and R are true and R is not correct explanation
c) A is true and R is false.
d) A is false and R is true.

1. Assertion: The smallest number by which the number 108 must be multiplied to obtain a perfect cube of three

   Reason: The perfect cubes are the cubes of natural numbers

Ans. _____

2. Assertion: The unit digit of cube root of 456533 is 7

Reason: Cube of the number ending with digit 3, and ends with 7.

Ans. _____

3. By what number should 81 be divided to get a perfect cube?

a)3   b) 6   c)7   d)9

4. The value of 4 $\sqrt[3]{1000}$ is _____

a) 400   b) 40   c) 10   d)4

5. A perfect cube of a number having 0 at its unit place, ends with _____ zeroes.

a)1   b)2   c)3   d)4

6.The cube root of 13824 is _____

a) 36   b) 25   c) 24   d) 16

7.The one's digit of the cube of the number 242 is

a) 2   b) 4   c)6   d)8

8. The cube root of 0.000216 is

a) 0.006   b)0.06   c)0.6   d) More than one of the above

9.Value of $\sqrt{64x729}$ - $\sqrt[3]{64x729}$ is ?

a) 180   b) 100   c)120   d)150

10. What is the cube root of $\frac{-1331}{4096}$?

a)$\frac{-11}{36}$ b) $\frac{-21}{16}$ c)$\frac{21}{26}$ d) $\frac{-11}{16}$

Section B

11. Is 392 a perfect cube? If not find the smallest natural number by which 392 should be multiplied so that the product is perfect cube.

12. Find the cube of 3.5

13. Check whether 1728 is a perfect cube by using the prime factorization.

14. The volume of a cube is 298594 m^3. Find the side of the cube. If one side of the cube is 15 cm in length, find its volume.

Section D

15. Rishi makes a cuboid of plasticine of sides 5 cm, 2 cm, 5 cm. How many such cuboids will he need to form a cube?

16. Two numbers are in the ratio 3:4. If difference of their cubes is 296, find the numbers.

17. Three numbers are in the ratio 3:4:5. If their product is 1620, find the numbers.

18. Prove that if the number is trebled, then its cube is 27 times the cube of the given number .

19. Find the volume of the cube whose surface area is 150 m^2.

Section D

20. Case study

Rubik's cube: A cube shaped device that is made up of smaller cube pieces forming six faces, each a different colour, of the final cube. It was invented by the Hungarian sculptor and architecture professor, Erno Rubik in mid 1970s. In a toy factory, Rubik's cubes are packed in a cubical shaped packages. These packages are sealed and transported to different dealers. The cubes are of sides as 3 cm, 2 cm, 5 cm, 6 cm.

a) How many Rubik's cube of size each 5 cm can be placed inside a cubical box of side 15 cm?

b) Find the cube root of 140608.

Science Assignment

Assignment -1

A. Choose the correct option:-

1. Which of the following material is not a natural resource?

a) Coal   b) medicine   c) petroleum   d) Soil

2. The remains of dead plants and animals buried under the earth are called_____.

a) Fossils   b) fuels   c) Coal gas   d Coal tar

3. Peat contains_____ carbon.

a) More than 70%   b) 80 %   c) Less than 60%.   d) 100%

4. Which of the following is not a clean fuel?

a) Coke   b) Petroleum   c) CNG   d) Kerosene

5. Bitumen is used for making_____.

a) Toilet goods   b) grease   c) Vaseline   d) ethane

5. Natural gas consists mainly of

a) Propane   b) methane   c) butane   d) ethane.

7. This is a thick black liquid.

a) Coal gas   b) Petroleum   c) Coal tar   d) Kerosene

8. This is used in making Ointments.

a) Petrol   b) Coal   c) paraffin wax   d) fuel oil

9. Assertion-CNG is a cleaner fuel

Reason - CNG does not produce smoke or ash on burning.

10. Assertion - Coal is obtained by the distillation process.

Reason - Coal is formed by the process of Carbonization.

a) Both A and R are true and R is correct explanation of the assertion.

b) Both A and R are true but R is not the correct explanation of the assertion.

c) A is rue but R is false

d) A is false but R is true.

B. Answer the following Questions.

11. Coke is a better fuel than coal. Prepare a report on it.

12. Planting more and more trees can help reduce pollution caused due to fossil fuels. How?

13. Which of these is a better way to save fuel using a public transport or an individual vehicle?

14. Can we prepare coal and petroleum in Laboratory?

15. Case based questions.

A. Petroleum is an important fossil fuel as it is formed from the remains of tiny sea animals and plants that lived millions of years ago.

1. What are fossil fuels?

2. How was petroleum formed?

B. Nowadays we are very much dependent on fossil fuels. Increase in the use of coal and petroleum has led to difficulties in managing fossil fuels, and now the time is not far when we run on shortage of them. There are many steps taken by the different governments to decrease the consumption of fossil fuels such as promoting natural gases and making it mandatory for all the vehicles or promoting the usage of electric vehicles on subsidized costs. Coal and petroleum are very useful sources. We need to save them so that it gets easier to manage our natural resources. There are many alternatives like solar energy, electric vehicles, etc. which are environment friendly. Many countries are trying to replace all the vehicles which run on diesel and petrol with electric vehicles by 2030. Some serious steps need to be taken in order to manage these sources and save our environment.

Q1. An ideal fuel should have a _____calorific value.
(a)Low   (b) High   (c) Sufficient   (d) None of the above.

Q2. Which of the following is not a fossil fuel?
(a) Kerosene   (b) Coal tar   (c) Water   (d) Petrol

Q3. Explain how the use of CNG in automobiles has reduced pollution in our cities.

ASSIGNMENT – 2

1. Cell wall is not found in:

(a) Plant cell   (b) Animal cell   (c) Bacterial cell   (d) Fungal cell

2. Secondary wall is present on the inner side of:

(a)Primary wall   (b) Middle lamella   (c) Cell membrane   (d) Cytoplasm

3. Cell membrane is found

(a) Only in plant cell   (b) Only in animal cell   (c) Only in bacterial cell   (d) In all types of cell

4. Mitochondria take part in :

(a)Energy production   (b) Protein synthesis   (c) Cellulose   (d) None of these

5. Cell is latin word for 'a little room'. Who coined the term cell?

(a)Robert book   (b) Robert hooke   (c) Charles hooke   (d) leeuwenhoek

6. Chloroplast is a pigment which gives ……

(A) Green colour   (b) No colour   (c) Colour other than green   (d) All of the above

7. Ribosomes take part in

(a) Secretion of enzymes   (b) protein enzymes   (c) Production of energy   (d) Carbohydrate Formation

8.The process of movement of molecules from lower to higher concentration is called

(a) Diffusion   (b) Osmosis   (c) Active transport   (d) passive transport

Question 9 to 13 are Assertion and Reason. Select anyone of the given options below for these.

a) If both A and R are true and R is correct explanation of A

b) Both A and R are true and R is not correct explanation of A

c) A is true and R is false.

d) A is false and R is true.

e) Both A and R are false

9.Assertion: Cell is structural and functional unit of life.

Reason : Some of the cells can perform all the functions of a living organism.

Ans. _____

10.Assertion :Animal cells show large variation in their shape.

Reason: Cell membrane is the outer cover of animal cell and it provides flexibility.

Ans. _____

11. Assertion: Endoplasmic reticulum forms the transport system of the cell .

    Reason : : Endoplasmic reticulum is the network of membranes which provides channel for transport .

Ans. _____

12. Assertion :The plant cell has fixed shape and rigidity.

    Reason :The cell membrane gives fixed shape and rigidity to the cell.

Ans. _____

13. Assertion :Cell wall is non living structure.

Reason: Cell wall does not give shape to the cell.

Ans. _____

14. Case based Question:-

Siddharth's mother was cutting an onion. Suddenly he observed a thin transparent layer in onion.

He was very surprised to see it. Siddharth's mother is a science teacher,so she explained that this is the onion peel. Then, she prepared a slide of onion peel and explained the structure of its cells.

A) Name the stain used in preparing slide of plant cells .

B) What is the shape of cells of onion peel? .

Social Science Assignment- 1

A.) Tick the correct answers .

1. The British forces in the Battle of Plassey were led by_____

a) Robert Clive   b) Warren Hastings

c) Hector Munro   d) Lord Cornwallis

2 The nawab of Bengal asked the English East India company to remove all its fortifications in Calcutta.

a)Murshid Quli Khan   b) Siraj-ud-Daulah

c)Alivardi Khan   d) Shuja - ud - Daulah

3 This Governor - General introduced the subsidiary Alliance

a) Robert Clive   b) Warren Hastings

c) Lord Wellesley   d) Lord Dalhousie

4 The British victory at_____ led Shah Alam II to grant the Diwani of Bengal, Bihar and Odisha to the English East India Company .

a) Buxar   b) Plassey

c) Seringapatam   d) Panipat

5 The Battle of Buxar took place in the year

a) 1600   b) 1757

c) 1764   d) 1857

Fill in the blacks

1 Indian spices such as_____,_____,_____ and _____ were in great demand in Europe .

2 _____was the governor - general of India from 1772 to 1785

3 The capital of the Kingdom of Mysore was _____.

4 Maharaja Ranjit Singh was the ruler of_____

c) In the question given below, there are two statements marked as Assertion (A) and Reason (R) . Read the statements and select the correct option .

Assertion (A) : The Subsidiary Alliance system ultimately facilitated the British control over vast territories in India

Reason (R) : By imposing the subsidiary Alliance , the British ensured that the Indian princely states remained dependent on them for military protection , thereby extending British influence and control

a) Both A and R are true and R explains A

b) Both A and R are true and but R does not explain A

c) A is true but R is false

d) A is false but R is true .

(D) Short Answer questions

1 Write any two negative consequences of British policies on the peasants ?

2 Mention the demerits of subsidiary Alliance system .

3 How did the Doctrine of Lapse help the British in the annexation of Indian states ?

4 Define diplomatic alliance .

(E) Case Study

It was Governor - General Lord Dalhousie who applied the doctrine of lapse ' for the annexation of Indian states. According to this doctrine, if the ruler of any dependent state died without a legitimate heir to the throne , then his state would directly be annexed or lapsed ' to the British empire . An adopted son was entitled to use the personal property of the deceased ruler, but not his royal status . The British annexed the states of Satara ,Jaitpur , Sambalpur , Udaipur, Nagpur, Jhansi under the doctrine of lapse .

1)   Who introduced the Doctrine of Lapse ?

a) British East India Company   b) Dutch East India Company

c) French East India Company   d)None of these

2) Who was the governor - General of India ?

a) Lord Cornwallis   b) Lord Dalhousie

c) Lord Wellesley   d) Lord Hastings

3) Which Indian state was the first to be annexed under the Doctrine of lapse ?

a)Awadh   b) Jhansi

c)Satara   d) Nagpur

4) What was the long - term impact of the Doctrine of lapse on British rule in India ?

a) It strengthened British control over Indian territories .

b) It led to widespread rebellions and uprisings against British rule.

c) It facilitated a smoother transition to Indian independence .

d) It resulted in the redistribution of power among Indian princely states.

Assignment-2

Ch-Mineral Resources and Industry
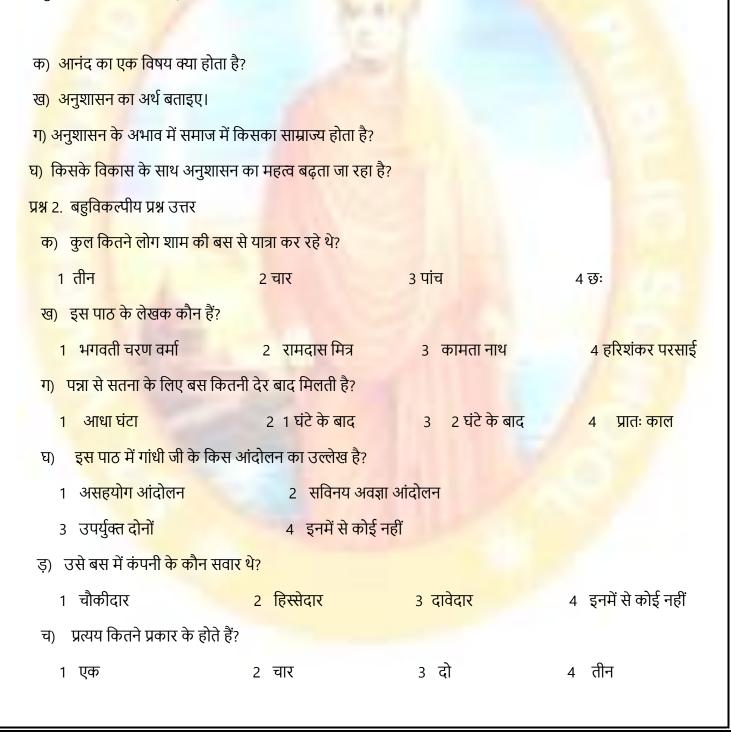
A) Choose the correct option from the following :

1. Which one of the following is a mica producing state ?

a) Odisha   b) Rajasthan

c) Kerala   d) Assam

2. Which one of the following is a leading producer of bauxite in the world ?

a) Asia   b) Europe

c) Australia   d) Africa

3. Chile and Peru are the leading producers of_____

a) Copper   b) Diamond

c) Gold   d) mica

4. Which one of the following is a non – metallic mineral?

a) Gold   b) Silver

c) Sulphur   d) Copper

5. _____ is the largest producer of iron ore in the world.

a) USA   b) Russia

c) Brazil   d) China

B Fill in the blanks

1. _____ is the process to take out minerals from the rocks.

2. _____ is a consumable mineral.

3. 3Rs stand for _____, _____ and _____

4. The first shipbuilding yard in India is at _____

C) In the question given below, there are two statements marked as Assertion (A) and Reason (R)

Read the statements and select the correct option .

Assertion (A) : Iron Ore is the basic mineral and the back bone of India .

Reason (R) : India is rich in good quality iron ore

a) Both A and R are true and R explains A.

b) Both A and R are true but R does not explain A

c) A is true but R is false .

d) A is false but R is true .

D) Short answer questions

1. Write down the methods through which the minerals are extracted.

2. Give any two differences between ferrous and non ferrous minerals .

3. Define heavy industries

4. How does industrial pollution contribute to global warming?

E) Case study

The cement industry is important for the production of concrete, which is used in construction. The main raw materials for the Cement industry are limestone, clay and sand. It is one of the largest industrial sectors with extensive production and consumption across the globe. China is the world's largest cement producer, followed by India, the United States. Madhya Pradesh, Andhra Pradesh, Rajasthan and Gujarat are major centres of cement manufacturing in India.

1) Which primary raw material is used in the production of cement ?

a) Iron ore   b) Limestone   c) Coal   d) Bauxite

2) Which country is the largest producer of cement in the world?

a) China   b) India   C) United states   d) Russia

3) Which Indian state is a major producer of cement, particularly known for its limestone reserves and cement production?

a) Rajasthan   b) Maharashtra   c) Karnataka   d) Tamil Nadu

HINDI ASSIGNMENT

प्रश्न 1 अधोलिखित अपठित गद्यांश को पढ़कर गद्यांश पर आधारित प्रश्नों के उत्तर लिखिए।

अनुशासन का अर्थ है अपने को कुछ नियमों से बांध लेना और उन्हीं के अनुसार कार्य करना। व्यापक रूप में अनुशासन सुव्यवस्थित ढंग से उन आधारभूत नियमों का पालन ही है जिनके द्वारा किसी अन्य व्यक्ति के मार्ग में बाधक बने बिना व्यक्ति अपना पूर्ण विकास कर सके। अनुशासन में रहने का भी एक आनंद है लेकिन आज व्यक्तियों में अनुशासनहीनता की भावना बढ़ रही है। यदि किसी भी कर्मचारी को कोई गलत काम करने से रोका जाए तो वह अपने साथियों से मिलकर काम बंद कर देगा। अनुशासन के अभाव में समाज में अराजकता और शांति का साम्राज्य होता है। वन्य पशुओं में अनुशासन का कोई महत्व नहीं है। इसी कारण उनका जीवन आरक्षित आतंकित एवं अवस्थित रहता है। सभ्यता और संस्कृति के विकास के साथ-साथ जीवन में अनुशासन का महत्व भी बढ़ता जा रहा है।

क) आनंद का एक विषय क्या होता है?

ख) अनुशासन का अर्थ बताइए।

ग) अनुशासन के अभाव में समाज में किसका साम्राज्य होता है?

घ) किसके विकास के साथ अनुशासन का महत्व बढ़ता जा रहा है?

प्रश्न 2. बहुविकल्पीय प्रश्न उत्तर

क) कुल कितने लोग शाम की बस से यात्रा कर रहे थे?

   1 तीन   2 चार   3 पांच   4 छः

ख) इस पाठ के लेखक कौन हैं?

   1 भगवती चरण वर्मा   2 रामदास मित्र   3 कामता नाथ   4 हरिशंकर परसाई

ग) पन्ना से सतना के लिए बस कितनी देर बाद मिलती है?

   1 आधा घंटा   2 1 घंटे के बाद   3 2 घंटे के बाद   4 प्रातः काल

घ) इस पाठ में गांधी जी के किस आंदोलन का उल्लेख है?

   1 असहयोग आंदोलन   2 सविनय अवज्ञा आंदोलन

   3 उपर्युक्त दोनों   4 इनमें से कोई नहीं

ड़) उसे बस में कंपनी के कौन सवार थे?

   1 चौकीदार   2 हिस्सेदार   3 दावेदार   4 इनमें से कोई नहीं

च) प्रत्यय कितने प्रकार के होते हैं?

   1 एक   2 चार   3 दो   4 तीन

छ) 'उपसर्ग' शब्द में कहां जोड़ते हैं?

   1 आरंभ में   2 अंत में   3 मध्य में   4 इनमें से कोई नहीं

ज) परसर्ग किसे कहते हैं?

   1 विभक्ति चिन्ह को   2 समस्तपद को   3 समास विग्रह को   4 कर्मधारय समास को

झ) लक्ष्य शब्द का तद्भव शब्द क्या होगा?

   1 लक्ष्य   2 लाख   3 मोती   4 हीरा

ट) रचना के आधार पर शब्दों के कितने भेद होते हैं

   1 एक   2 दो   3 तीन   4 चार

ठ) पद किसे कहते हैं?

   1 वर्णों को   2 वाक्य में प्रयुक्त शब्दों को

   3 वाक्य को   4 इनमें से कोई नहीं अब

प्रश्न 2 पाठ पर आधारित प्रश्न उत्तर

क) पर्यायवाची शब्द तथा अनेकार्थी शब्द में अंतर परिभाषा तथा उदाहरण के द्वारा स्पष्ट कीजिए।

ख) समाज को परिभाषित करते हुए उसके प्रकार बताएं।

ग) लेखक ने गांधी जी के असहयोग आंदोलन का संबंध बस के किस प्रकार दिखलाया है? स्पष्ट कीजिए।

घ) आपके विचार अनुसार 'दीवानों की हस्ती' कैसी होती है? पाठ 'दीवानों की हस्ती' पर आधारित प्रश्न का उत्तर दें।

ड़) लेखक द्वारा बस की दशा का वर्णन किन शब्दों में किया गया है? पाठ के आधार पर उत्तर लिखिए

A. Match the following.

1.	Binary number system		a.	base 16
2.	Octal number system		b.	base 2
3.	Decimal number system		c.	base 8
4.	Hexadecimal number system		d.	base 10

B. Circle the correct option.

1. The digital computer represents all kinds of data and information in (binary / octal) numbers.

2. The (binary / decimal) number system consists of ten digits from 0 to 9.

3. (Decimal / Octal) number system is used as a shorthand representation of long binary numbers.

4. The (hexadecimal / octal) number system consists of 16 digits from 0 to 15.

5. The positional value of each digit in octal number is (twice / thrice) the place value.

C. Write the full forms of the following:

1. MSD – ....

2. LSD – ....

D. Extract the binary number from the given example and write below:

2	64 – 0
2	32 – 0
2	16 – 0
2	8 – 0
2	4 – 0
2	2 – 0
	1 – 0

Binary number is: ....

A. Define the following:

1. Number system- ....

2. Radix- ....

3. Binary addition- ....

B. Tick (✓) the correct option.

1. Base 2 is another name for the ....

   a. Binary number system ☐   b. Decimal number system ☐

   c. Hexadecimal number system ☐   d. None of these ☐

2. In binary addition, 1 + 1 = ...

   a. 0 ☐   b. 10 ☐   c. 1 ☐   d. 11 ☐

3. Which of the following is a valid octal number?

   a. 183 ☐   b. 965 ☐   c. 983 ☐   d. 345 ☐

4. In binary number system, 1 Nibble is equals to ....

   a. 4 bits ☐   b. 8 bits ☐   c. 16 bits ☐   d. 1 bit ☐

5. The digital computer represents all kinds of data and information in .... numbers.

   a. binary ☐   b. decimal ☐

   c. hexadecimal ☐   d. None of these ☐

C. Convert the decimal number 44 into binary number.

....

....

....

....

A. Define the following:

1. Modem - ....

2. Hub - ....

3. Computer Network - ....

B. Tick (✓) the correct option.

1. Which networking device can convert the digital data into analog signal and vice versa?

   a. Hub ☐   b. Modem ☐

   c. Router ☐   d. LAN Card ☐

2. Which of these is not a protocol?

   a. HTTP ☐   b. HTTPS ☐

   c. FTP ☐   d. HTML ☐

3. Which of these is the Internet standard protocol that allows e-mail to retrieve e-mail messages from an e-mail server?

   a. HTTP ☐   b. FTP ☐

   c. POP3 ☐   d. None of these ☐

4. Which of the following is a wireless communication technology?

   a. Bluetooth ☐   b. Wi-Fi ☐

   c. Both a and b ☐   d. None of these ☐

C. Write the full form of the following:

1. HTTP - ....

2. MAN - ....

3. NIC - ....
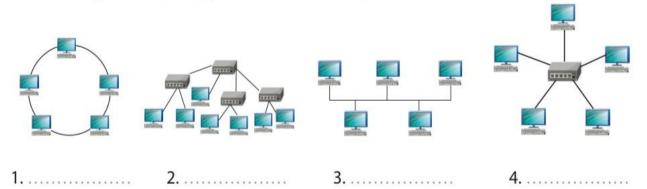
A. Read the clues and answer the following:

1. The process of (connecting / separating) computers and peripheral devices with each other, so that they can exchange data is called computer networking.

2. A (server / client) is also called host computer.

3. (LAN / WAN) is a digital communication system that interconnects a large number of computers and other peripheral devices within a radius of less than 1 km.

4. In (Ring / Star) topology, all the nodes are connected in a circular path.

5. (Protocol / Bluetooth) is a set of rules that governs the communication between the computers on a network.

B. Complete the sentences.

1. Modem stands for MODULATOR ....

2. Networking cable is also known as ....

3. The computer which stores and provides the access to a database is called a

   ....

4. The computer which performs a specific task is called the ....

5. The total diameter of LAN is not more than ....

C. Name the type of topology used in below images.

1. ....   2. ....   3. ....   4. ....

SANSKRIT ASSIGNMENT

1. संस्कृत में कितने पुरुष होते हैं ?

i तीन   ii चार   iii दो   iv पांच

2. संस्कृत में वर्तमान काल को क्या कहते हैं ?

i लट् लकार   ii लृट लकार   iii लोट लकार   iv लड लकार

3. सर्वनाम कर्ता शब्द कौन से होते हैं?

i. स: तौ ते   ii प्रथम द्वितीय तृतीय   iii पांच लकार   iv तीन पुरुष

4 नम् धातु लृट लकार मध्यम पुरुष दिव्य वचन का रूप लिखिए।

i नमत: ii नंस्यति   iii अनमत्   iv नमतु

5. विद्यार्थियों के कितने लक्षण होते हैं?

i. चार   ii. पांच   iii. तीन   iv. दो

6. विद्या अर्जन के लिए विद्यार्थी को किस-किस का त्याग करना चाहिए?

i आलस्य   ii निंद्रा   iii समय दुरुपयोग   iv उपरोक्त सभी

7 कौऐ को संस्कृत में क्या कहते हैं?

i काक: iiकपोत: iii वर्तक: iv इनमें से कोई नहीं

8 कथ् धातु लोट लकार उत्तम पुरुष द्विवचन का रूप बताइए।

i कथयतु   ii कथ्यति   iii कथ्याम्   iv कथ्येत

9. पांच लकारों के नाम लिखिए।

10 शब्द रूपों में कितनी विभक्तियां होती हैं?

English Assignment to be done in BBC
Section – A (Reading)

Module-1 (Reading)

- Practice Assignment-1,2,3,4 (Pg no. 26 - 33)
- Homework Assignment -1(Pg no. 43)

Section-B (Writing)

Module-2 (Descriptive Paragraph)

- Practice Assignments -9 (Pg no. 98) ,10 (Pg no. 102)

Section-C (Grammar)

Module-5(Tenses)

- Homework Assignment- 26,28(Pg. no. 286,288)

Module-5 (Subject Verb Agreement)

- Homework Assignment- Pg 260

PUNJABI ASSIGNMENT

- ਨਿਰਦੇਸ਼- ਹੇਠਾਂ ਦਿੱਤੇ ਗਏ ਸਾਰੇ ਪ੍ਰਸ਼ਨ ਆਪਣੀ ਪੰਜਾਬੀ ਦੀ ਕਾਪੀ ਤੇ ਕਰੋ
  - ਲਿਖਾਈ ਸਾਫ ਸੁਥਰੀ ਹੋਵੇ।

ਪ੍ਰਸ਼ਨ 1. ਹੇਠਾਂ ਦਿੱਤੇ ਗਏ ਪ੍ਰਸ਼ਨਾਂ ਵਿੱਚ ਸਹੀ ਉੱਤਰ ਚੁਣ ਕੇ ਲਿਖੋ।

ੳ. ਪੰਛੀਆਂ ਦੇ ਘਰ ਨੂੰ ਕੀ ਕਿਹਾ ਜਾਂਦਾ ਹੈ?

1 ਖੁੱਡਾ   2 ਬਿੱਲ   3 ਆਲ੍ਹਣਾ

ਅ. ਪਸ਼ੂ ਚਾਰਨ ਵਾਲੇ ਆਦਮੀ ਨੂੰ ਕੀ ਕਿਹਾ ਜਾਂਦਾ ਹੈ?

1 ਪਾਲੀ   2 ਮਾਲੀ   3 ਦੋਧੀ

ੲ. ਸਾਈਕਲ ਦੇ ਹੈਂਡਲ ਉੱਤੇ ਕੌਣ ਬੈਠਾ ਸੀ?

1 ਕੁੱਤਾ   2 ਚੂਹਾ   3 ਖ਼ਰਗੋਸ਼

ਚਿੜੀ ਕਿਹੜੇ ਰੁੱਖ ਉੱਤੇ ਬੈਠ ਕੇ ਦਾਣਾ ਖਾਣ ਲੱਗੀ?

1 ਨਿੰਮ   2 ਪਿੱਪਲ   3 ਜਾਮਣ

ਚਿੜੀ ਰੱਸੇ ਤੋਂ ਬਾਦ ਕਿਸ ਕੋਲ ਮਦਦ ਲੈਣ ਗਈ?

1 ਅੱਗ   2 ਚੂਹਾ   3 ਹਾਥੀ

ਪ੍ਰਸ਼ਨ 2. ਹੇਠਾਂ ਦਿੱਤੇ ਗਏ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਦਿਓ।

1 ਸਵੇਖ਼ਤੇ ਉੱਠਣ ਦੇ ਕੀ ਫ਼ਾਇਦੇ ਹਨ?

2 ਸਾਈਕਲ ਕਿਵੇਂ ਉਲਟ ਗਿਆ?

3 ਪੱਥਰ ਹਟਾਉਣ ਦੀ ਕੋਸ਼ਿਸ਼ ਸਭ ਤੋਂ ਪਹਿਲਾਂ ਕਿਸ ਨੇ ਕੀਤੀ?

4 ਚਿੜੀ ਦੀ ਮਦਦ ਲਈ ਕੌਣ ਤਿਆਰ ਹੋ ਗਿਆ?

5 ਚਿੜੀ ਦਾ ਦਾਣਾ ਕਿੱਥੇ ਡਿੱਗ ਪਿਆ?

ਪ੍ਰਸ਼ਨ 3. ਖਾਲੀ ਥਾਵਾਂ ਭਰੋ।

1 ਪਾਲੀ ਤੋ ਬਾਦ ਚਿੜੀ ਮਦਦ ਲਈ _____ ਕੋਲ ਗਈ।

2 ___ ਭੁੱਖੀ ਸੀ।

3 ____ ਆਪਣੀ ਥਾਂ ਤੋਂ ਹਿੱਲ ਹੀ ਨਹੀਂ ਸੀ ਰਿਹਾ।

4 ਖ਼ਰਗੋਸ਼ ਨੇ ਕਿਹਾ," ਮੈਂ ਬਹੁਤ _____ ਹਾਂ।

5 ਤਿੰਨਾਂ ਨੇ ਰਲ ਕੇ _____ ਨੂੰ ਪਾਸੇ ਹਟਾ ਦਿੱਤਾ।

ਪ੍ਰਸ਼ਨ 4. ਹੇਠਾਂ ਦਿੱਤੇ ਗਏ ਸ਼ਬਦਾਂ ਦੀ ਵਰਤੋਂ ਕਰ ਕੇ ਵਾਕ ਬਣਾਓ।

1 ਠੰਢਾ   2 ਰੁੱਖ

3 ਚਿੜੀ   4 ਸਾਈਕਲ

5 ਦੋਸਤ

ਵਿਆਕਰਨ ਭਾਗ

ਪ੍ਰਸ਼ਨ 5. ਹੇਠਾਂ ਦਿੱਤੇ ਗਏ ਸ਼ਬਦਾਂ ਦੇ ਵਿਰੋਧੀ ਸ਼ਬਦ ਲਿਖੋ।

1 ਸੌਣਾ   2 ਚਾਨਣ

3 ਸਾਫ਼   4 ਮਿੱਠਾ

5 ਦਿਨ   6 ਉੱਚਾ

7 ਜਨਮ   8 ਸੱਚ

9 ਪਾਪ   10 ਖੁੱਲਾ

ਪ੍ਰਸ਼ਨ 7. ਹੇਠਾਂ ਦਿੱਤੇ ਗਏ ਸ਼ਬਦਾਂ ਦੇ ਲਿੰਗ ਬਦਲ ਕੇ ਲਿਖੋ।

1 ਪਿਤਾ   2 ਤਾਇਆ

3 ਕੁੱਕੜ   4 ਜੱਟ

5 ਫੁੱਫੜ   6 ਕਿਰਲਾ

7 ਲੂੰਬੜ   8 ਦਾਸ

9 ਬਲਦ   10 ਕਬੂਤਰ

ਪ੍ਰਸ਼ਨ 8. ਹੇਠਾਂ ਦਿੱਤੇ ਗਏ ਸ਼ਬਦਾਂ ਦੇ ਵਚਨ ਬਦਲ ਕੇ ਲਿਖੋ।

1 ਸੋਟਾ   2 ਘੋੜਾ

3 ਵਹੁਟੀ   4 ਕੇਲਾ

5 ਭਾਬੀ   6 ਗਮਲਾ

7 ਸਬਜ਼ੀ   8 ਤਾਲਾ

9 ਸਹੇਲੀ   10 ਪਤੀਲਾ

ਪ੍ਰਸ਼ਨ 9. ਹੇਠਾਂ ਦਿੱਤੇ ਗਏ ਸ਼ਬਦਾਂ ਅੱਗੇ ਵਿਅਕਤੀ, ਸਥਾਨ, ਜਾਨਵਰ ਜਾਂ ਵਸਤੂ ਸ਼ਬਦ ਲਿਖੋ।

1 ਖ਼ਰਗੋਸ਼   2 ਪੱਥਰ

3 ਮੈਦਾਨ   4 ਕੁਰਸੀ

5 ਹੈਂਡਲ   6 ਪਾਰਕ

7 ਕੁੱਤਾ   8 ਮੁੰਡਾ

ਪ੍ਰਸ਼ਨ 10. ਮੇਰਾ ਸਕੂਲ (ਲੇਖ) ਲਿਖੋ।

ਪ੍ਰਸ਼ਨ 11. ਅਣਡਿੱਠਾ ਪੈਰਾ ਕਰੋ। ਪੰਜਾਬੀ ਵਿਆਕਰਣ (ਪੇਜ ਨੰਬਰ) - 82