# ग्रीष्म-अवकाश गृहकार्य

## कक्षा - आठवीं (विषय-संस्कृत)

नोट - सभी प्रश्न A-4 साइज़ शीट पर लिखें |

प्रश्न 1) सुरभि: पृष्ठ संख्या (55) प्रदत्त तालिकायाम् संस्कृतस्य ग्रन्थानाम् नामानि लिखत |

प्रश्न 2) ' स्व मातु ' विषये संस्कृतेन दश वाक्यानि लिखत |

प्रश्न 3) सुरभि: पृष्ठ संख्या (156) प्रदत्त चित्रम् दृष्ट्वा संस्कृतेन पंच वाक्यानि लिखत |

प्रश्न 4) कार्यपत्र में दिये गए वाक्यों के संस्कृत में अनुवाद करें |

1) राम मोहन को देखता है |        2) सोहन वृक्ष से गिरता है |

3) मीना ने पत्र लिखा |        4)  मैंने जल पिया |

5) तुम घर जाओगे |        6)  मैं पुस्तक पढ़ूगा |

7) तुम सब घर जाओ |        8) हम सबको सच बोलना चाहिए |

9) लता का घर बहुत सुंदर है |    10) नदी का जल स्वच्छ है |

11) सब जगह हरियाली है |        12) खरगोश पेड़ के नीचे बैठा है |

13) बालक कलम से लिखता है |    14) हम सब संस्कृत पढ़ते हैं |

15) भारत में अनेक महापुरुष हुए |16) मार्ग के दोनों तरफ पेड़ हैं |

17) वह मधुर गीत गाता है |        18) तुम्हारा नाम क्या है |

19) तोता मधुर बोलता है |        20) वह बालिका लिखती है |

# Holiday Homework

## Class. - VIII

## ENGLISH

Q.1 Maintain a personal diary and write two new words with their meaningsevery day . Make one sentence of each word also.

Q.2 Design a poster on A-4 size sheet on the topic ' Save Environment)

Do the following Assignment in your fair notebooks.

Answer the following questions in 20 -30 words.

1. Why did the king want to know the answers of the three questions ?
2. Why did the bearded man not kill the king ?
3. How did the king help the bearded man ?
4. What is importance of present time in our life ?
5. Why did the bearded man ask for the forgiveness of the king ?
6. What was granny 's ardent wish and how she fulfilled it ?
7. How did Granny feel during one week of bed rest and why ?

Q.7. Letter writing

On behalf of the king , write a letter to his friend telling him about the answers he got through the hermit.

## HINDI

प्रश्न 1 'कला एकीकृत परियोजना कार्य' हरियाणा/मणिपुर

हरियाणा व मणिपुर में मनाए जाने वाले उत्सवों की सूची बनाएं , उनके प्रमुख उत्सव कौन-कौन से हैं , तथा किस प्रकार मनाए जाते हैं ? चित्र सहित फाइल तैयार करें।

प्रश्न2 'पिता दिवस' पर रोचक बातों का संकलन करें । 'फादर्स डे' कब और क्यों मनाया जाता है ? 18 जून को आने वाले 'फादर्स डे' को आपने अपने पिता के साथ कैसे मनाया ? पिता का महत्व बताते हुए प्रोजेक्ट फाइल सचित्र तैयार करें ।

प्रश्न 3 निम्नलिखित कार्यपत्र में दिए गए प्रश्नों के उत्तर लिखें ।

1. सोने के पिंजरे से टकराकर पक्षियों के क्या टूट जाएंगे?

2. स्वर्ण श्रृंखला के बंधन में पक्षी क्या भूल गए हैं?

3. गांव वाले दारा का सम्मान क्यों करते थे?

4. दारा का सम्मान बढ़ने से किन के मन में जलन बढ़ती गई ?

5. शाने दारा को कहां का गवर्नर बनाया?

6. दारा प्रांत का दौरा कैसे करता था ?

7. लोग किसके गुण गाने लगे ?

8. दारा के बक्से से क्या निकला ?

9. महिलाओं में पड़ोसी धर्म निभाने का सिलसिला कहां से शुरू होता है?

10. तूश की शाल को ड्राई क्लीन करवाने में लेखक के कितने रुपए खर्च हुए ?

11. केबल टी०वी०का दुष्प्रभाव किन पर पड़ता है ?

12. पत्र हीन पेड़ कैसे लग रहे थे ?

13. घर की खपरैलों के नीचे कौन उड़ती -छिपती थी ?

14. काली सड़के तारकोल की अंगारे - सी जली पड़ी थी , पंक्ति में कौन सा अलंकार है?

15. संध्या की चहल-पहल ने क्या ओढ़ा हुआ था ?\

# MATH

Assignment

1. Find the greatest number of 6 digit which is a perfect square.
2. Find the Squareroot of the sum of the cubes of first three natural numbers.
3. Evaluate $\sqrt[3]{61 + \sqrt[3]{25 + \sqrt[3]{8}}}$
4. A piggy Bank contains number of coins of rupees 2 rupees 5 and rupees 10 As given below

| Rs 2 | Rs 5 | Rs 10 |
|------|------|-------|
| 20   | 14   | 16    |

   if a coin is taken out at a random then find the probability that the coin is of(i) Rs 5  (ii) rupees 10

5. A bag contains 90 discs which are number from 1 to 90. If one disc is drawn at random find the probability that it bears (i)a perfect square number and (ii) number divisible by 5
6. $\sqrt{a} \times \sqrt{b} = \sqrt{a \times b}$, find $\sqrt{3675} \times \sqrt{2352}$
7. Simplify $\left[ 9 \left( 64^{\frac{1}{3}} + 125^{\frac{1}{3}} \right)^3 \right]^{\frac{1}{4}}$
8. If $\left( \frac{2}{3} \right)^x \cdot \left( \frac{3}{2} \right)^{2x} = \frac{81}{16}$, Then find x.

9. In a model of a ship ,the mast is 9 cm high, while the mass of actual shape is 12 m high. If the length of the actual sheep is 28 m long, how long is the model ship?
10. A 250 m long train is moving at a constant speed of 72 km per hour. How much time will it take to cross a bridge 150 M long?

Project Work

- Prepare  model of histogram.
- Prepare a model of pie chart.
- Prepare a model showing distance travelled by a train = length of train + length of platform/ Bridge
- Prepare a model to find square of first 20 natural numbers

**SCIENCE**

1. Make ANY TWO models
a) 3D model of zone of candle flame
b) model showing that metals are good conductors of electricity
c) ANY model of your choice "Fun with science"

2 Prepare ,and present a photo-essay on any one of the following topics

a) Medicinal plants : preserving traditional indian wisdom
b) No good air to inhale :deterioating Quality of my city

3. Find about " organic farming " learn about the activities involved and the characteristics of plants grown in organic farming

OR

Fnd out the changes  between modern and traditional farming practices

4 Compare states of Haryana and Telangana on the basis of flora and fauna, national park ,Wild life sanctuaries

5 Prepare poster on any one of following topics on A3 sheet….

Wild life conservation

Save environment

Energy conservation

ASSIGNMENT LESSON 3

Q1.Identify p,q,r,s in the following analogy from the clues given in the brackets

.i)..........p......... : (Aircraft bodies) :: ...........q........metal used in dentistry

.ii)..........r.........Can be drawn into wires :: ............s.......... the property of metals getting beaten into thin sheets

Q 2 Sheena's father is a goldsmith. One day she saw her hammering a piece of gold to turn it into a sheet. While doing so he, accidently hit the diamond nearby. She noticed, as the hammer struck the diamond, it broke into pieces. On watching it, the next day she asked the teacher about it. Her teacher replied that, "diamond is a non-metal

(a) Despite the fact that diamond is the hardest known substance broken into pieces by just one strike of a hammer. Why?

(b) Name any other two metals, which can be converted into sheet

(c) Enlist any two values shown by Sheena?

Q3.Name the gas evolved when zinc reacts with dilute hydrochloric acid . How is this gas identified?

   (b) write the balanced chemical equation for the above reaction

Q4 What name is given to the elements having properties of metal as well as non metals?

Q5 A)what happens when: ( write balanced chemical equations)

     i) zinc reacts with sulphuric acid

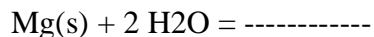     ii)sulphur burns in presence of oxygen

B) write an activity to show that compound formed by burning of carbon in oxygen is acidic in nature

Q6  With the help of an activity show that non metals can react with oxygen to form non metallic oxides which are acidic in nature.

Q7 (a)State two observations when magnesium ribbon burnt in air. write the chemical equation of the reaction involved.

 b)write an activity to find the chemical nature of the compound formed in 'a' .Also write the chemical equations of the reaction involved.

Q8 Complete the following reaction-

$Mg(s) + 2 H2O =$ ------------

Q9 .The oxides of an element A is basic in nature and the oxide of another element B is acidic in nature. Identify A and B and write their names. Also state any four Points of difference between their physical properties

Q10a)Give one use of each of the following

      Copper   Iodine   alnico

   b)Write a balanced chemical equation for the chemical reaction between
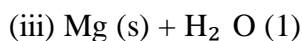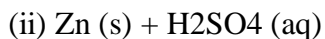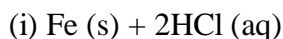
     zinc and Sulphuric Acid

     magnesium and copper sulphate

Q11.(a)State two observations, when Magnesium ribbon is burnt is air. Write the chemical equation of the reaction involved.

(b)Write an activity to find the chemical nature of the compound formed in 'a' Also, write the chemical equations of the reaction involved

Q12.(a) Compare the reactivity of sodium and iron towards water

(b) Complete the following equations :

(i) Fe (s) + 2HCl (aq)

(ii) Zn (s) + H2SO4 (aq)

(iii) Mg (s) + $H_2$ O (1)

Q13(a). Provide an appropriate word in each of the following blanks

Reactive metals on reaction with ……(i)……….form corresponding oxide; which are……(ii)………..in nature as they turn……(iii)……..litmus into……(iv)……

Liberate on reaction with acid , such metals ……(v)……gas which is confirmed by production of ……(vi)…… sound when a burning splinter is brought near the mouth of the test tube containing reaction mixture

(a) Using any reactive metal ,write the chemical equations involved in the above situation

Q14 (a) Neha dipped a strip of iron in copper sulphate solution. She observed that the colour of this solution changed . Give reason for this observation.

(b) Write the chemical equation for the reaction that has taken place.

(c) What happens when carbon burns in oxygen ? Is the compound formed acidic or basic in nature?

Q15 A student was given a blue coloured solution of copper sulphate in a beaker.He added a few pieces of magnesium ribbon in it and observed the change

(a) What is the change in colour of the solution
(b) Name the type of chemical reaction that takes place
(c) Write the chemical equation involved in the reaction
(d) Can you store a solution of copper sulphate in an iron container? Give reason of your answer

Q16.When magnesium is burnt in oxygen ,a product "X" is formed. The following table is based on the physical properties and chemical properties of this product. Fill in the blanks a,b,c d,e and f

# SOCIAL SCIENCE

1. prepare a model on methods of soil conservation.

2. Prepare a scrap file on vegetation and wildlife of Manipur vs/Haryana.

Assignment

1. Which type of citizenship does India have?

2. Removal of top layer of soil is called?

3. Who was the President of constituent assembly?

4. Define universal adult franchise.

5. Why is earth called a watery planet?

6. What is preamble? What is its significance?

7. What is the land use pattern? Give examples

8. Indian constitution is rigid and flexible. Explain.

9. Why is India called a democratic country?

10. What are different methods of conserving water?

11. Explain importance of soil.

12. India has a Parliamentary form of government. Justify.

13. What are the main features of Indian constitution?

14. Explain any three factors for formation of soil.

15. Why is India called a secular state?

## COMPUTER

1.WAN covers a larger geographical area than MAN?

   A. True
   B. False

2.A network that consists of both LANs and MANs is called a Wide area network?

   A. True
   B. False

3.Arrange the Following Types of Networks according to their size, from largest to smallest?

    A. LAN, WAN, MAN
    B. WAN, LAN, MAN
    C. MAN, LAN, WAN
    D. WAN, MAN, LAN

4.In your school there is a library, and you can use the internet to do research, this library will most

likely be a WAN network?

    A. True
    B. False
    A. 5.Metropolitan Area Network Normally Require an Internet connection?
    B. True
    C. False

6.Loss in signal power as light travels down the fibre is called?

    A. Attenuation
    B. Propagation
    C. Scattering
    D. Interruption

7.Which of the following performs modulation and demodulation?

    A. fiber optics
    B. switch
    C. modulator
    D. modem

8. Prepare one hand of any colour for bulletin board like in the picture given below.

# D.S

1.आर्य समाज के 10 नियम  लिखो। (A4 शीट)

2.महात्मा हंसराज जी की जीवनी  लिखो।(A4 शीट)

3.Ch1 या 2 रिवाइज करो।

# ART

Create an album capturing moment how your mother has helped you on several occasions.