



# केंद्रीय विद्यालय पाठन

Summer Break Holiday Homework

Session 2023-24

## CLASS – VI

### English

- Q.1. Prepare a Dictionary of 20 words with meanings from the lessons taught.
- Q.2. Prepare a Multi Disciplinary Project on the topic assigned to you.
- Q.3. Choose any 10 main verbs from the poem, ' The Kite' and write with their verb forms ( V1,V2,V3 & V4).
- Q.4. Write the poem, ' A House, A Home' in cursive/beautiful handwriting.
- Q.5. Complete your Learner's Diary consisting a review of each chapter taught. It must include the information such as :
- (i) What have you learnt from the lesson?
  - (ii) What have you found interesting in the lesson?
  - (iii) What have you found challenging/difficult in the lesson?

### हिंदी

- प्र 1 'वह चिड़िया जो' कविता लिखकर याद कीजिए ।
- प्र. 2 लेखिका कृष्णा सोबती और आपके बचपन में क्या अंतर आया है लिखिए ?
- प्र.3 विशेषण के भेद एवं उदाहरण लिखिए ।
- प्र. 4 अपनी यात्रा का अनुभव लिखिए ।
- गतिविधि :-
1. चार्ट पेपर पर संज्ञा की परिभाषा एवं प्रकार लिखिए ।
  2. प्रतिदिन स्वाध्याय कीजिए ।
  3. तीन पृष्ठ सुलेख लिखिए ।

Instructions: a) Do your work neatly b) Learn tables till 25

LEARN COUNTING TILL 100 IN HINDI.

1. Complete your notebook.
2. Make a PROJECT / MODEL on "MATHEMATICS AROUNDS US".
3. Prepare for test after vacation (1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> chapter).

SOLVE THESE QUESTION IN SEPARATE NOTEBOOK

Q1. Identify the property used in each of the following cases:

- (a)  $25 + 13 = 13 + 25$  (b)  $40 \times 99 = 99 \times 40$   
 (c)  $25 + (10 + 20) = (25 + 10) + 20$  (d)  $25 \times (33 \times 12) = (25 \times 33) \times 12$   
 (e)  $13 \times (100 - 19) = (13 \times 100) - (13 \times 19)$

Q2. Tell the place value to which each of the following numbers has been estimate:

- (a) 25162000 (b) 6282500 (c) 245620 (d) 5000000

Q3. Write the examples of the following properties:

- a) Associative in closure with multiplication b) Distributive Property

Q4. Solve the following:

- a)  $105 \times 56$  b)  $33 \times 25 \times 8$  c)  $199 \times 33$  d)  $56 (30 + 70)$

Q5. To which place would you estimate the given numbers so as to get answers quickly to the following sums?

- (a)  $3529 \times 3689$  (b)  $33 \times 99$  (c)  $777 \times 523$  (d)  $495420 \times 123512$

Q6. Identify the prime numbers from the given numbers: 39, 19, 12, 15, 71

Q7. Write the factors of the following numbers:

- (a) 17 (b) 95 (c) 15 (d) 56 (e) 60

Q8. State whether the following statements are true or false:

- (a) Two composite numbers can be co-prime.  
 (b) All natural numbers are whole numbers.  
 (C) Commutative property is in closure with subtraction  
 (D) The prime factorization of a number is unique.  
 (E) A number has infinite factors and multiples.

Q9. Find the HCF and LCM of each of the following:

- (a) 18, 15 (b) 36, 20

Check your answers using the equation: Product of two numbers = HCF  $\times$  LCM

Q 10 Write the prime factors of each of the following using a factor tree

- (a) 60 (b) 156

Q11. In the number 8962.2351, write the digit in the:

- (a) Hundredths place (b) Tens place (c) Thousandths place

Q12 .Convert the following statements into fractions:

- (a) One seventh of ten parts (b) Two parts out of five (c) Thirteen marks out of fifteen

Note: Prepare a chart on any of the following topics

- a) Properties of numbers
- b) Explain factor and multiple with examples

## SCIENCE

- Q. 1 Test the presence of starch in the given food sample.
- Q. 2 Prepare a list of food item your family commonly eat within a week.
- Q.3 List three food items obtained from (i) plants (ii) animals
- Q.4 What is meant by balance diet? Why is it necessary for us?
- Q.5 Why is vitamin D called the “sunshine vitamin”?
- Q. 6 Prepare a table of deficiency diseases takes place due to vitamins and minerals
- Q.7 Prepare a diet chart of a 12 year old student.
- Q.8 Complete your MDP.
- Q.9 Prepare model for upcoming science exhibition.

## संस्कृत

1. पाठ संख्या 1,2 व 3 में दिए गये शब्दार्थ को लिखे व याद करे ।
2. पाठ्य पुस्तक के पीछे दिए हुए कारक विभक्ति परिचय को लिख कर लाये ।
3. पुस्तक के पीछे दी गयी पठ व् गम् धातु को लिखे और याद करे।

## SOCIAL SCIENCE

### Q. 1. Located the following of the outline physical map of India

- 1.Tapi river 2.Brahmaputra river 3.Godavari river 4. Garo hill 5.Vindhya

### Q-2 Short answer

- 1.How was the name India originated?
- 2.who are Astronomer?
- 3.what are constellation?
- 4.why does Ladakh have very little agriculture activities?
- 5.what did Ibn-Babuta write about Kerala?

### Q. 3 Long answer

- 1.write the advantage of writing on a hard surface and what could have been the difficulties?
- 2.write a note on Galaxy and Universe?
- 3.write down some words originated from 'Geo'or 'Ge' ?
4. Why do you think ordinary man and women did not generally keep records of what they did?
5. Why did the hunter-gatherers travel from place to place? In what ways are similar /different reasons for which are travel today?



# केंद्रीय विद्यालय पाठन

Summer Break Holiday Homework

Session 2023-24

## CLASS – VII

### English

- Q.1. Choose any 20 main verbs from the lessons taught and write with their verb forms ( V1,V2,V3 & V4).
- Q.2. Prepare a Multi Disciplinary Project on the topic assigned to you.
- Q.3. Complete your Learner's Diary consisting a review of each chapter taught. It must include the information such as :
- (i) What have you learnt from the lesson?
- (ii) What have you found interesting in the lesson?
- (iii) What have you found challenging/difficult in the lesson?
- Q.4. Write the poem, 'The Squirrel' in cursive/beautiful handwriting.
- Q.5. Prepare a Dictionary of 25 words with meanings from the lessons taught.

### हिंदी

- प्रश्न:-1 पाठ संख्या 1 से लेकर 3 तक सभी पाठों के मध्य से 5-5 प्रश्न बनाकर लिखें।
- प्रश्न:- 2 सभी किसी भी विषय में विद्यार्थी स्वरचित कविता लिखिए।
- प्रश्न-3 कविता में आये हुए शब्दों के तत्सम और तद्भव रूप लिखिए।
- प्रश्न-4 वर्तमान समय में चल रही शिक्षा पर अपने विचार लिखिए ।

### Mathematics

- Instructions: a) Do your work neatly      b) Learn tables till 25
- c) LEARN COUNTING TILL 100 IN HINDI.
1. Complete your notebook.
  2. Make a project/ model on "Mathematics around us".
  3. Prepare for test after vacation (1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> chapter).

SOLVE QUESTION IN SEPARATE NOTBOOK

#### 1. Knowing More about Fractions •

How to do: - Conduct a survey of 25 families of your locality and collect data that

- ✓ How many families have four wheeler?
- ✓ How many families have two wheeler?
- ✓ How many families have both four wheeler and two wheeler?
- ✓ How many families have Bicycle?

Calculate the fraction of data collected to that of total number of families in all the four parts. Also represent those fractions on different circles and paste them.

## 2. Reviewing Lines and Angles •

How to do: - Take a political Map of India, draw the following line segments and answer the questions that follow:

- ✓ Join Srinagar to Thiruvanthpuram and name it AB
- ✓ Imphal to Gandhinagar and name it CD.      ✓ Itanagar to Simla and name it EF.
- ✓ Patna to Chennai and name it GH.

Questions: 2 (i) which is the shortest line segment?

(ii) Which line segment passes through Arabian Sea?

(iii) Which line segment passes through a country other than India?

(iv) Which line segment passes through the maximum states?

(v) Join the line segments CD and EF and the point of intersection as XY, then name supplementary angles, opposite angles and adjacent angles.

3. Mathematical Greetings What to do: - Make a colorful greeting card of size 15cm × 12cm on the following topic according to your roll number.

1. Roll No. 1-20 Properties of Integers      2. Different types of fractions Roll No.(21-42)

4. Let's Explore The Real World. What to do :- Help your mother to purchase grocery from nearby Grocery Shop. Purchase few items from there and paste the bill received. Verify the bill amount by doing the manual calculations.

## संस्कृत

1. पाठ संख्या 1,2 व 3 में दिए गये शब्दार्थ को लिखे व याद करे ।
2. पाठ संख्या 1,2 में दिए गये मति व नदी शब्द रूपों को नोटबुक में लिखे।
3. पुस्तक के पीछे दिए गये वर्ण विचार को नोट बुक में लिखे और याद करे।

## SCIENCE

1 Explain the process of photosynthesis with the help of label diagram.

2 Explain any two methods of heterotrophic nutrition.

3 Draw the label diagram of human digestive system and explain following parts

(a) Stomach (ii) small intestine (iii) large intestine

4 Explain the process of rumination and draw the label diagram of ruminant digestive system.

5 What are villi? What is their location and function?

6 Which part of digestive canal is involved in –

(a) absorption of food-----

(b)Chewing of food-----

(c)Killing of bacteria-----

(d)Complete digestion of food-----

(e) Formation of faeces matter-----

7 complete your MDP- given by class teacher (science subject)

## CCT practice questions

Do practice of CCT based question chapter 1 and 2(Provide in your group)

## HISTORY CH-1

- Q. 1. Which areas did Minhaj-i-Siraj refer to by using the word Hindustan  
Q. 2. Who collected the manuscripts between 700 and 1750 B.C?  
Q. 3. What was the outcome of easy availability of paper in the 14th century? Q. 5. What did the copying of manuscripts lead to?  
Q. 4. Why was the period between 700 and 1750 BC a period of great mobility?

### CIVICS Ch.1 On Equality

True or False

- 5.Untouchability still exist in india.  
6.Omprakash valmiki was made to sweep the school.  
7.The Ansaris were given unequal treatment of their religion  
8.It is not possible to bring equality in our country.  
9.The Civil rights movement was started in England.

Answer the following questions

- 10.What does the term 'dalit' mean?  
11.What our constitution grant us ?  
12.Name the Article which prohibition of discrimination on grounds of religion,race,caste,sex or place of birth.  
13.What refers to thinking of oneself and other persons as worthy of respect? 20.Name the movement that began in USA in 1950s in which African-American people demanded equal rights and an end of racial discrimination.

### GEOGRAPHY Ch.1 Environment

14. Multiple choice question

1. It is a trade in which goods are exchanged without the use of money called..... a)Barter system  
b)Trade system c)eco system d)none of  
2. The environment can be broadly divided into: a)One sphere b) Two sphere c) Three sphere d) Four sphere  
3. Living being exist only in..... a)Atmosphere b)Hydrosphere c)Lithosphere d)Biosphere  
4. .... environment consist of plants, animals and human being. a) Abiotic b)Human c)Chemical  
d)Biotic  
5. Which is a human made environment? a)Mountain b)Forest c)Sea d)Bridge  
15. Fill in the blanks  
6.The world of non-living elements are called .....  
7.The world water day is celebrated on .....  
8. ...., ..... and natural are the main component of environment.  
9.The thin layer of air that surrounds the earth is .....  
10. .... is made up of rocks and minerals and covered by a thin layer of soil.  
16. Correct the statement  
1. Land is a component of human environment.  
2.Human needs are decreasing day by day.  
3.The world environment day is celebrated on July 7 .  
4.Land ,air are the example of biotic environment.



# केंद्रीय विद्यालय पाठन

## Summer Break Holiday Homework

Session 2023-24

### CLASS – VIII

#### English

- Q.1. Prepare a Dictionary of 30 words with meanings from the lessons taught to you.
- Q.2. Prepare a Multi Disciplinary Project on the topic assigned to you.
- Q.3. Complete your Learner's Diary consisting a review of each chapter taught to you.

It must include the information such as :

- (i) What have you learnt from the lesson?
- (ii) What have you found interesting in the lesson?
- (iii) What have you found challenging/difficult in the lesson?
- Q.4. Choose any 25 main verbs from the lessons taught to you and write with their verb forms ( V1,V2,V3 & V4).
- Q.5. Write the poem, 'Geography Lesson' in cursive/beautiful handwriting.

#### हिंदी

- प्र.1 अपने आसपास हाथों से तैयार वस्तुओं की सचित्र सूची बनाओ ।
- प्र.2 विशेषण के भेद एवं उदाहरण लिखिए ।
- प्र.3 दस शब्दार्थ लिखिए ।
- प्र.4 संज्ञा शब्द की परिभाषा एवं प्रकार लिखिए ।
- गतिविधि .1 :- चार्ट पेपर पर वाक्य की परिभाषा लिखकर अर्थ के आधार पर प्रकार एवं उदाहरण तैयार कीजिए ।
- 2प्रतिदिन स्वाध्याय कीजिए ।
- 3दो पृष्ठ सुलेख लिखिए ।
- 3एक पृष्ठ सुलेख लिखिए ।

#### MATHEMATICS

1. Complete your notebook.
  2. Prepare for test after vacation (1<sup>st</sup>, 2<sup>nd</sup>).
- Creative work
1. Prepare working model of any mathematics model.
  2. Write square, square root & cube root on a chart paper 1 to 30.

## संस्कृत

1. पाठ संख्या 1,2,3 के मध्य आये संधि विच्छेद पदों को लिखे ।
2. पाठ संख्या 1,2,3 में दिए गये शब्दार्थ को नोट बुक में लिखें।
3. पुस्तक के पीछे दिए गये शब्द रूपों को लिखें और याद करें।
4. 51 से 100 संख्यावाचक शब्द लिखना ।

## SOCIAL SCIENCE

Write short Answer:-

- 1.How did James Mill view India?
- 2.How was the effect of colonisation on India?
- 3.what were the actual 'Nawabs forced to do after the Battle of plassey'?
- 4.why were the British furious with Tipu sultan?
- 5.why people are considered as a resource?
- 6.Distinguish between natural and human resources?
- 7.why should we conserve bio –diversity.

## SCIENCE

- 1.Read the chapter thoroughly and learn all exercise questions.
2. Gather information about what kind of crops majorly grown in India
3. List and draw various tools used in agriculture.
4. Write a short note on harvest festival that is celebrated in your state and its significance.
- 5.solve CCT test items .
- 6.Make a working model for science exhibition.

### **Chapter-2 Microorganisms : Friends And Foe**

1. Read the chapter thoroughly and learn all exercise questions.
2. Make a list of 3 diseases each caused by bacteria, viruses, fungi and protozoa. Also mention target organ in these diseases.
3. Name 3 plant diseases caused by different microorganisms and parts of



plant affected by these diseases.

4. Make a flow chart showing nitrogen cycle

5. Solve CCT test items.

## **CRITICAL AND CREATIVE THINKING TEST ITEMS**

### **CHAPTER\_1\_ CROP PRODUCTION AND MANAGEMENT**

#### **TEST ITEM 1: History of agriculture:-**

Humans were hunter gatherers in the beginning of human history. People lived a nomadic lifestyle. Soon they began to learn about crops. The origin of farming dates to around 10,000 years ago somewhere in the Indus valley. During early civilization around 5000 B.C. irrigation technology developed in Middle East. In Egypt, the Nile River relied on seasons. Innovations took place like cross breeding, crop rotation, mixed cropping, genetically modified crops, composite farming, etc. Finally modern agriculture practices began in America with the arrival of European colonists.



- Q.1.1. Name the place where origin of farming is supposed to be started-
- (a) Brahmaputra valley
  - (b) Indus valley
  - (c) Bhakhra Nangal valley
  - (d) Lug valley

- Q.1.2. The practice of growing a cereal crop and the pulse crop alternately in the same field in successive season is called \_\_\_\_\_.
- (a) crop rotation
  - (b) crop production
  - (c) inter cropping
  - (d) Crop management

- Q.1.3. A farmer grows different crops in a succession. Do you think what he is following, is correct?

- (a) to maintain soil fertility,
- (b) to replenish soil
- (c) to produce better yield
- (d) All of these

- Q.1.4. Choose the method to replenish nutrients in the soil
- a) Provide manure
  - b) Provide fertilizers
  - c) Sowing of such kind of crops which can be mulched
  - d) All of the above

#### **TEST ITEM 2: MODERN AGRICULTURAL CHALLENGES**

A pest is any organism that causes an economic loss or damage to the physical well-being of human beings. It may destroy crops, cause diseases in them or in human beings. Chemicals used to eradicate or worn-out the unwanted pest's population from agriculture

or experimental field are called as pesticides. Some pesticides are organism-specific and have particular mode of action to remove the pests.

Pesticides used in modern agriculture and bio-farming, and its interaction in environmental processes which is about 4,000 years old. Ancient literature mentions the use of poisonous plants for pest control.

Modern agriculture employs a number of chemicals for enhancing crop yield and protecting the same. Synthetic fertilizers are

added to replenish the various nutrients and

maintain the soil fertility. These chemical fertilizers are added to the soils in order to overcome the deficiency of minerals and to provide extra chemicals required for proper growth of high yielding varieties. Plant

development pattern is highly modified by addition of plant growth regulators (PGR) during agricultural practices and plant tissue culture experiments.



Q.2.1. What is the full form PGR?

- (a) Physical growth revivers
- (b) Plant growth regulators
- (c) Plant germination regulators
- (d) Plant germination revivers

Q.2.2. Why a farmer uses pesticides in field during agricultural practices? (a) to control weeds

- (b) to control pests
- (c) to increase fertility of soil
- (d) none of the above

Q.2.3. Which of these are chemicals which are used to increase crop yield.

- (a) Urea
- (b) di ammonium phosphate
- (c) cow dung
- (d) both (a) and (b)

Q.2.4. 'Pesticides/weedicides has increased the crop yield but caused other damages to the environment including human life'. Which statement is correct

- (a) Excess use of chemicals make soil infertile in long run
- (b) chemicals cause several diseases to human
- (c) excess use of chemicals reduce the fertility of soil
- (d) all of these

### **TEST ITEM 3: IMPACT OF GERMICIDES**

PGR are required in low concentrations in plant growth studies. Many growth regulators like malic hydrazide, methyl ester of naphthalene acetic acid (NAA) prolong storage. Still others like 2, 4-D and 2, 4, 5-T prevent premature fruit drop and are widely used as weedicides. Ethylene induces early ripening of fruits. Some other physiological effects of growth regulators are rooting of stem cuttings, enhanced vegetative growth, and prevention of flowering etc. Agricultural crops are mainly destroyed by insects. Various types of fungi and bacteria cause diseases in plants. According to an estimate, there is an annual loss of up to 30% in agricultural production due to insect pests and plant diseases. If only 50% of this loss could be saved from pests, the food problem of our country can be solved to a great extent.

Q.3.1. Name the chemical which induces early ripening of fruits

- a) 2 4-D
- b) 2,4,5,T
- c) Ethylene
- d) Absciscic acid

Q.3.2. What are the main causative agents of plant diseases?

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----- Q.3.3. Do weedicides has any impact on main crop plant? (Yes/No)

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3.4. Use the information to develop an argument in support of reducing use of chemicals to enhance plant growth.

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### **TEST ITEM 4. “FERMENTATION”**

The word “fermentation” has undergone many changes in meaning during the past hundred years. According to the derivation of the term, it signifies merely a gentle bubbling or boiling condition. The term was first applied when the only known reaction of this kind was the production of wine, the bubbling, of course, being caused by the production of carbon dioxide.

It was not until Gay-Lussac studied the chemical aspects of the process that the meaning was changed to signify the breakdown of sugar into ethanol and carbon dioxide. It was Pasteur, however, who marked the birth of chemical microbiology with his association of microbes with fermentation in 1857. He used the terms “cell” and “ferment” interchangeably in referring to the microbe. The term “fermentation” thus became associated with the idea of cells, gas production, and the production of organic byproducts. The evolution of gas and the presence of whole cells were invalidated as criteria for defining fermentation when it was discovered that in some fermentations, such as the production of lactic acid, no gas is liberated. Moreover, other fermentation processes could be

obtained with cell-free extracts indicating that the whole cell may not be necessary. The position was further complicated by the discovery that the ancient process of vinegar production, generally referred to as acetic acid fermentation, which yielded considerable quantities of organic byproducts, was a strictly aerobic process. Fermentation clearly needed to be redefined. Although carbohydrates are often regarded as essential materials for fermentations, organic acids (including amino acids) and proteins, fats, and other organic compounds are fermentable substrates for selected microorganisms.

Q.4.1 :What is fermentation?

- (a) A process where a sugar is broken down into ethanol and carbon dioxide
- (b) A process where a sugar is broken down into yeast and carbon dioxide
- (c) A process where a yeast is broken down into ethanol and carbon dioxide
- (d) A process where a sugar is broken down into ethanol and oxygen

Q.4.2 What is anaerobic respiration?

- (a) Respiration in an oxygen free environment
- (b) Respiration in an oxygen rich environment
- (c) Respiration in a carbon dioxide free environment
- (d) Respiration in a carbon dioxide rich environment

Q.4.3. .Which of the following medicine is produced using fermentation?

- (a) Morphine
- (b) Penicillin
- (c) Cough Mixture
- (d) Paracetamol

Q.4.4..What are the advantages of the fermented food? Encircle "Yes" or "No" for each statement

Is this an advantage of the fermented food?	Yes or No
A. Makes the food more digestible	Yes or No
B. Increase storage life	Yes or No
C. Synthesize vitamins	Yes or No
D. Decrease intestinal microflora	Yes or No



# केंद्रीय विद्यालय पाठन

Summer Break Holiday Homework

Session 2023-24

## Class – IX

### English

- Q.1. Choose any 20 main verbs from the lessons and poems taught and write with their verb forms ( V1,V2,V3 & V4).
- Q.2. Prepare the Portfolio.
- Q.3. Prepare a Dictionary of 30 words with meanings from the lessons taught.
- Q.4. Do you agree with Margie that schools today have more fun than the school in the story ? Give reasons.
- Q.5. Has the life of Evelyn been able to motivate you in any way ? Elaborate.
- Q.6. Do you consider 'Wind' and 'The Road Not Taken' as symbolic poems ? Why ?
- Q.7. As the little boy of 'The Lost Child', make a diary entry of the experience at the fair.

### हिंदी

- प्र 1. एक काल्पनिक यात्रा-वृत्तांत लिखिए } | १०० शब्द {
- प्र 2. मूल शब्द में उपसर्ग और प्रत्यय लगाकर नये शब्द बनाइये |
- } उपसर्ग के 25 शब्द, प्रत्यय के 25 शब्द {
- प्र 3. प्रेमचंद का जीवन परिचय लिखिए |
- प्र 4. अंतर्राष्ट्रीय योग दिवस पर निबन्ध लिखिए |
- प्र 5. पटना शहर में खाने-पीने के पदार्थों में मिलावट होने की शिकायत करते हुए स्वास्थ्य अधिकारी को एक पत्र लिखिए |
- प्र 6. कबीरदास के पदों से हमें क्या सीख मिलती है |
- गतिविधि .1:-** चार्ट पेपर पर वाक्य की परिभाषा लिखकर अर्थ के आधार पर प्रकार एवं उदाहरण तैयार कीजिए |
- 2 प्रतिदिन स्वाध्याय कीजिए |

## Mathematics

1. Complete your notebook.
2. Make a project/ model on PYTHAGORAS THEOREM and prepare for viva.
3. Write and learn all formulas of chapter – 1, 2.
4. Prepare for test after vacation (1<sup>st</sup>, 2<sup>nd</sup> )

## SCIENCE

- 1 Distinguish between three states of matter in tabular form.
- 2 Define evaporation and write its application in our daily life.
- 3 Draw the diagram of plant and animal cell.

Q.4 Differentiate between prokaryotic and eukaryotic cell.

Q.5 Write short notes on the following

(i) ER      (II) Plastid      (iii) Mitochondria      (iv) Nucleus

Q.6 Draw the label diagram of plant cell and animal cell.

Q.7 How does an Amoeba obtain its food?

Q. 8 What would happen to the life of a cell if there was no Golgi apparatus?

Q.9 Which organelle is known as the powerhouse of the cell? Why?

Q.10 Make a comparison and write down ways in which plant cells are different from animal cells.

Q.11 Why are lysosomes known as suicide bags?

Q.12 Why is the plasma membrane called a selectively permeable membrane?

## CCT PRACTICE WORK

Learn and do practice of CCT based question of chapter 1, 5 (Shared on whatsapp group)

## PORTFOLIO

Complete your portfolio in given format ( shared in whatsapp group)  
Make a model for upcoming science exhibition.

Q. 1 write question and answer of the following

- 1.what did the French Revolution of 1789 stand for?
- 2.what did the fall of Bastille signify?
- 3.Name the special tax levied by the church on peasants?
- 4.on what principle was voting conducted in the estates general?
- 5.what is Guillotine?
- 6.what idea did the "Law Tablet Convey?
- 7 .who was the leader of the Jacobin club?
- 8 .what was the Estates General?

Long answer

- 1.How was the French society organised before the revolution of 1789?
- 2.Describe the incidents that led to the storming of the Bastille?
- 3.what do you know about the abolition of slavery in France?
- 4.write a short note on the document 'Declaration of the Rights of Man and citizens?



# केंद्रीय विद्यालय पाठन

Summer Break Holiday Homework

Session 2023-24

## CLASS – X

### English

Q.1. Prepare the Portfolio.

Q.1. Choose any 25 main verbs from the lessons taught and write with their verb forms ( V1,V2,V3 & V4).

Q.3. Prepare a Dictionary of 30 words with meanings from the lessons taught to you.

Q.4. Why did the post master decide to answer Lencho's letter to God ?

Q.5. Positive attitude in life can make the world a better place to live in. Do you agree or not ? Why ?

Q.6. In this world, nothing is immortal. Explain with reference to the poem, 'Fire and Ice'.

Q.7. Why did Mrs. Pumphrey say, " This is a triumph of surgery" ? Q.7. Why did Mrs. Pumphrey say, " This is a triumph of surgery" ?

### हिंदी

प्र.1. सूरदास के पदों का भावार्थ लिखिए ।

प्र 2. आप अपने इलाके के चौराहे पर किस व्यक्ति की मूर्ती स्थापित करवाना चाहेंगे और क्यों?

प्र 3. तुलसीदास के भाषा की विशेषताएँ लिखिए ।

प्र 4. रचना के आधार पर वाक्य भेद उदाहरण सहित लिखिए ।

प्र 5. अपने विद्यालय के प्राचार्य को शुल्क-मुक्ति हेतु प्रार्थना पत्र लिखिए ।

**गतिविधियाँ :-**

1. विकारी एवं अविकारी शब्दों का चार्ट तैयार कीजिए ।

2. प्रतिदिन स्वाध्याय कीजिए ।

3. एक पृष्ठ सुलेख लिखिए ।



## Mathematics

1. Complete your notebook.
2. Make a project / model on "MATHEMATICS AROUND US".
3. Do 15-15 questions from each chapter (1-2) from previous year question bank.
4. Prepare for test after vacation (1<sup>st</sup>, 2<sup>nd</sup> chapter).

## SCIENCE

Q.1 Decomposition reaction required energy either in the form of heat or light or electricity for breakdown the reactants. Write one equation for each decomposition reaction where energy is supplied in the form of heat, light and electricity

Q.2 What is observation when a solution of sodium sulphate is added to a solution of Barium chloride taken in a test tube? Write the equation for the chemical reaction involved and name the type of reaction in this case.

Q.3 In the reaction  $\text{MnO}_2 + 4\text{HCl} \rightarrow \text{MnCl}_2 + 2\text{H}_2\text{O} + \text{Cl}_2$

(a) Name the compound (i) oxidised (ii) reduced

Q.4 2g of silver chloride is taken in a china dish and then china dish is placed in sunlight for some time. What will be your observation in this case? Write the chemical reaction involved in the form of balanced equation. Identify the type of reaction.

Q.5 Classify the following reaction into different types-

I  $\text{AgNO}_3 + \text{NaCl} \rightarrow \text{AgCl} + \text{NaNO}_3$

II  $\text{CaO} + \text{H}_2\text{O} \rightarrow \text{Ca(OH)}_2$

III  $2\text{KClO}_3 \rightarrow 2\text{KCl} + 3\text{O}_2$

IV  $\text{Zn} + \text{CuSO}_4 \rightarrow \text{ZnSO}_4 + \text{Cu}$

(a) Translate the following statement into balanced chemical equation

Barium chloride reacts with aluminium sulphate to give aluminium chloride and barium sulphate.

Q.6 What happens when  $\text{H}_2\text{S}$  gas is passed through a blue solution of copper sulphate.

Q.7 What happens when food materials containing fats and oils are left for a long time? List two observable changes and suggest three ways by which this phenomenon can be prevented?

Q.8 How are water and minerals transported in plants?

Q.9 Draw a diagram of human excretory system and label following on it

(i) Form urine

(ii) Is a long tube collect urine from kidney

(iii) Store urine until it is passed out.

Q.10 Name the structural and functional unit of human excretory system. Explain the structure of Nephron with the help of label diagram/Name the basic unit present in kidney.

Q.10 How is urine produce?

Q.11 Name some waste products of plants other than O<sub>2</sub> and CO<sub>2</sub>.

Q.11 (a)How does aerobic respiration differ from anaerobic respiration?

Q12. Differentiate between an artery and a vein.

Q13. Why is the rate of breathing in aquatic organisms much faster than in terrestrial organisms?

Q14. Mention the major events during photosynthesis.

Q15. Draw labeled diagram of the following

(a) Human digestive system (b)Human respiratory system

(c) Stomatal pore –Open and closed (d) Double circulation in humans

**CCT PRACTICE WORK:-**Do practice of CCT based questions of chapter 1 , 6.  
Complete your portfolio in the given format.

## SOCIAL SCIENCE

### Q1.Short answer

- 1.How did nationalism and the idea of the nation -state emerge?
- 2.what was the Zollverein? What were it's wider implications?
- 3.what were the major proposals of the Vienna congress?
- 4.what area was known as the Balkans?
- 5.sustainability of development is a new area of knowledge? Do you agree? Justify your answer?
- 6.Describe the three stages of resource planning in India?
- 7.How can we solve the problem of Land degradation? Suggest any six measures?
- 8.Describe any three main features of Black soil found in India?
- 9.what factor make forest a very useful resource for human?
- 10.Explain how culture is affected by loss of forest and wildlife?

**Q-11 Locate and label the following items on the map with appropriate symbols.**

1. Regions covered under Alluvial soil
2. Regions covered under Laterite Soil
3. Regions covered under Black soil

**Q-12 these features with the help of the following information and write their correct names on the lines marked in the map.**

1. A major soil type

2. Soil type that is formed where the rainfall is low
3. Soil type found mainly in hill slopes