NOTE:-   These assignments are to be done in separate answer sheets and submitted to the subject teachers on the first day when the school reopens.
All students are required to submit an original article for the School Magazine.

ENGLISH LANGUAGE

Q.1)   Cut and paste at least 5 headlines from the English newspaper fulfilling the undermentioned requirements:
a) a headline in past tense
b) a headline in present tense
c) a headline in future tense
d) a headline with a proper noun
e) a headline with a preposition

Q.2)   A biography is an account of the life activities and achievements of a particular person. Write a biographical sketch of any person in 200 words whose life has inspired you the most.

Q3.)   Read the following passage and answer the questions-
The world is like a stage and we are nearly actors, each one playing a part. There are seven stages in one's life and one stage is that of a teenager, the most delicate yet wonderful part of anyone's life.
When a child reaches this stage, he is quiet unlike his earlier years and begins to imagine that he is an adult and can do whatever he wants to do
Teenage years are a period when an individual can easily be impressed. He is inexperienced at this stage and easily believes anything and so is easily duped. Therefore , great care should be taken by parents to exercise enough control over their children so that they may not go astray.
Teenage years is the time when children are exposed to all kinds of risk and dangers and bad elements. They quickly adopt new and undesirable habits. If parents are lenient with their children they will regret their action later on.
Teenagers are not enough mature to know what they are doing so they indulge in all kinds of foolish and dangerous actions if for no other reason, then only to show off in front of others. On many occasions such act lead them into trouble.

a) What is said about the 'teenage'?
b) What is said about the 'world'?
c) How does a child feel when he becomes a teenager?
d) What is the role of a parent?
e) Why do teenagers indulge in foolish and dangerous actions?
f) Why do you think some parents regret their actions?

g) Find out the words from the passage which mean the same.
1. with no protection or shield
2. not strict
3. feel sorry for

Q4) Write suitable proverbs for the undermentioned meanings and make sentences using the proverbs.

a) What a person actually does is more convincing than what he says.

b) Someone who helps you when you are in trouble ,is a true friend.

c) You have to accept the consequences of your actions.

d) Appearances can be deceiving.

e) Never give up.

Q5) Do as directed-

1. I always like to read about sports in Times of India.(use article)

2. Give past tense and past participle of the verb 'wake'

3. To drink impure water is harmful.(rewrite the sentence using introductory 'it')

4. I enjoy going on long walks.(identify the phrase and say the kind)

5. Let him book the tickets.(rewrite in the passive voice)

6. She made a plan to go to Haridwar.(rewrite the sentence inserting 'immediately')

7. The dog jumped _____ the chair. (use a suitable preposition)

8. His sister is bright. He is equally bright.(use 'no less than' to join the sentence)

9. Rohan said, "I have to go."(rewrite the sentence in indirect speech)

10. Father says, " Dogs are faithful to their masters."(rewrite the sentence in indirect speech)

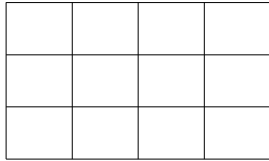## ENGLISH LITERATURE

Q.1 Read the extract carefully and answer the questions that follows:

'If you have raised this dreadful storm, have pity on the people aboard the ship'

i) Who said these words and to whom?

ii) What made the speaker so worried?

iii) What was the response of the listener?

iv) In short write the story of the lesson.

Q.2 Give two meanings of the following words. Use any FOUR words from the given words in sentences of your own:

i) grief ii) oration iii) flatters iv) waeriness

v) quaint vi) renown vii) dilapidated viii) empowered

Q.3 Imagine you had interviewed Dr. Varghese Kurien for your school magazine. Write the interview framing at least 8 – 10 suitable questions and their responses use these guidelines:

i) Plan an outline of the interview – you could give an introduction about Dr. Kurien.

ii) Use the information in the lesson to frame questions about him.

iii) Use questions beginning with 'How, Tell me about' to gather extra information.

iv) Avoid framing questions that will only have 'Yes' or 'No' as responses. Make questions that prompted Dr. Kurien to give details.

v) Wherever possible use Dr. Kurien actual spoken words. Use quotation marks at places where you use what he said.

Q4. Write a few lines about each character of the chapter "The Tempest".

MATHEMATICS

1. Niharika walks thrice around a square field of side 22m. Girish walks twice around a rectangular field with length 10m and breadth 12m. Who covers more distance and by how much?

2. The given rectangle is made up of 12 squares. Find the area of the shaded region.

3. Compare and fill in the box with <, > or = $\quad 3\frac{1}{5}+7\frac{2}{3}\ldots4\frac{2}{7}+3\frac{1}{8}$

4. In the word "comparison", find the ratio of number of consonants to the number of vowels.

5. How many right angles does the hour hand of a clock turn when it moves from 6 to 12?

6. A number is divisible by both 5 and 12. By which other number will that number be always divisible?

7. See the pattern and fill the gap

   12 x 12 = 9
   23 x 23 = 16
   34 x 34 = ?

8. Two poles stand on the ground, with their feet 24m apart. If the poles are respectively 12m and 19m in height, find the distance between their tops.

9. Irfan says that he has 7 marbles more than five times the marbles Prem has. Irfan has 37 marbles. How many marbles does Prem have?

10. Dinesh went from place A to place B and from there to place C. A is 7.5km from B and B is 12.7km from C. Ayub went from place A to place D and from there to C. D is 9.3km from A and C is 11.8km from D. Who travelled more and by how much?

11. Weigh atleast 10 children of your class. Organise the data, and answer the following questions using this data.
    i) Who is the heaviest of all?
    ii) What is the difference between your weight and that of your best friend?
    Iii) What is the average weight of those children?

12. Express as rupees using decimals:-
    i) 7 rupees 7 paise   ii) 77 rupees 77 paise

13. Draw a triangle. Cut on the three angles. Rearrange them in such a way that they make a straight angle and so has measure 180°.

14. Construct ABC with BC = 7.5cm, AC = 5cm and ∠ABC = 60°.

15. A map is given with a scale of 2cm = 1000km. What is the actual distance between the two places in kms, if the distance in the map is 2.5cm?

16. Population of Rajasthan is equal to 570 lakhs and population of UP is equal to 1660 lakhs.
    Area of Rajasthan is 3 lakh square kilo meter and area of UP is 2 lakh m^2.
    i) How many people are there per m^2 in both these states?
    ii) Which state is less populated?

17. Out of 25 children in a class, 15 are girls. What is the percentage of girls?

18. Find the whole quantity if 5% of it is 600.

19. Draw any three triangles, say ABC, PQR and XYZ in your notebook. Use your protractor and measure each of the angles of these triangles.
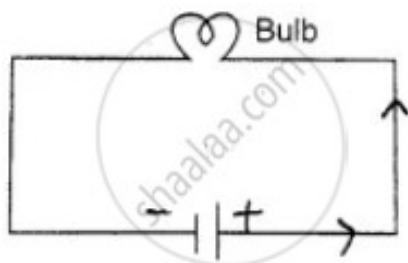   Tabulate your results :-

Name of triangle	Measures of angles	Sum of the emasures of these angles
ΔABC	∠A =? ∠B = ? ∠C = ?	∠A + ∠B +∠ C =
ΔPQR	∠P =? ∠Q = ? ∠R = ?	∠P + ∠Q +∠ R =
ΔXYZ	∠X =? ∠Y = ? ∠Z = ?	∠X + ∠Y +∠ Z =

Allowing marginal errors in measurement, you will find that the last column always gives 180°(or nearly 180°). When perfect precision is possible, this will also show that the sum of the measures of the three angles of a triangle is 180°.

PHYSICS
Q.1 A musician recognizes the musical instrument by hearing the sound produced by it, even without seeing the instrument. Which characteristics of sound makes this possible?

Q.2 List the measures that you will take when designing a sound proof room.

Q.3 Give the appropriate speed of sound in the given medium:
i) Iron   ii) Water   iii) Vacuum   iv) Dry Air

Q.4 List five such electrical gadgets in your house in which electromagnet is used.

Q.5 The diagram given below show a bulb connected to a cell having terminals A and B. Make the direction of current in the bulb. Also give proper reason for showing the direction of current.

Q.6 Select conductors and insulators from the following:
Glass, silver, copper, wood, paper, pure water, impure water, aluminium, iron, plastic, leather, steel, human body and ebonite

Q.7 List five appliances or instruments which are capable of producing infrasonic and ultrasonic sound. Also try to paste pictures of the given appliances.

Q.8 Suppose you are given two identical bars A and B, out of which only one is a magnet and other is a simple Iron bar. How will you identify which one is a magnet. Illustrate your answer with a diagram.

Q.9 Draw and explain about the various parts of a dry cell. How it is different from a battery. Also stick pictures of various types of dry cells.

Q.10 What is declination? Draw a diagram to show the angle between the declination and true direction of geographical South.

CHEMISTRY
Q.1 Write word equation for the following:
i) Burning wood in air.
ii) Reacting silver nitrate with sodium chloride.
iii) Sodium comes in contact with water.

iv) Decomposition of Potassium chlorate on heating with manganese dioxide as a catalyst.
v) Iron exposed to moist air.
vi) Ammonia gas reacting with carbon dioxide.
vii) Burning methane in oxygen.
viii) Zinc granules reacting with dilute sulphuric acid.

Q.2 Answer the following questions:
  i) What is ozone?
  ii) What is the colour of ozone?
  iii) In which layer of the atmosphere is the ozone layer present?
  iv) What is the importance of the ozone layer?
  v) What causes the depletion of ozone?
Q.3 Answer the following questions in short:
  i) A gas that becomes a solid at about -218.4ºC
  ii) The non-metal used in gun powder.
  iii) The metal used as filaments in electric bulbs.
  iv) The metalloid used for making prisms.
  v) Very small fragments of solid materials suspended in the air.
  vi) The lowest temperature at which a substance catches fire.
Q.4 Sticks pictures to show the effect of acid rain or plants and monuments. List the steps taken by the government to check it.
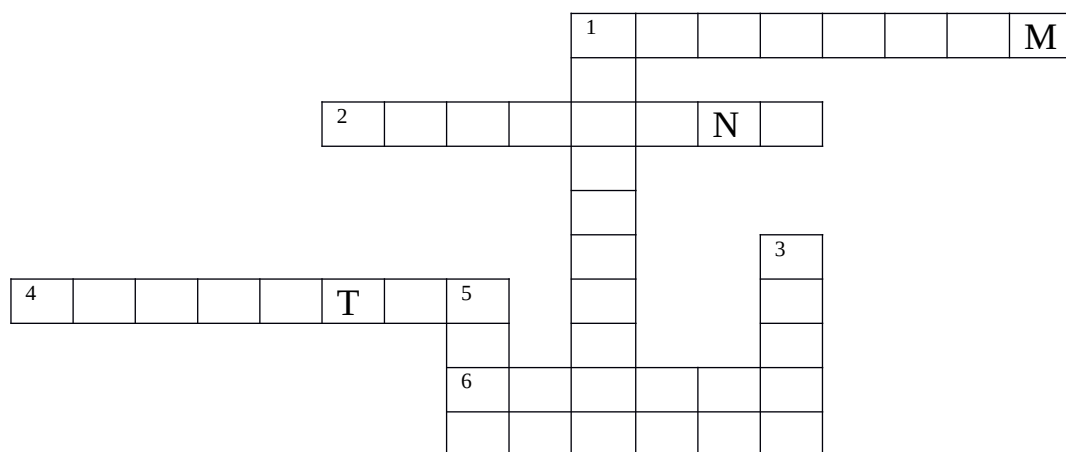

BIOLOGY
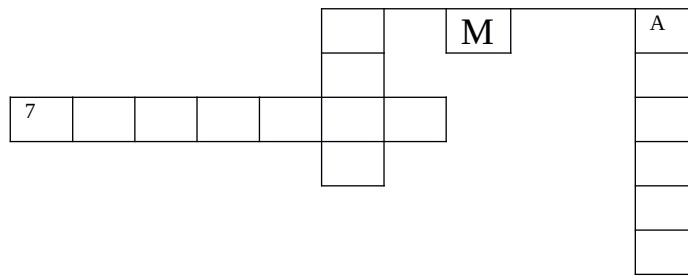Q.1 Read the clues and solve the word puzzle.
  Across:
  1. the largest part of brain.
  2. many short fibres arising from the cell body.
  4. Dendron's further divide to form these
  6. the basics structural unit of the nervous system.
  7. a wave of chemical disturbance.
  Down:
  1. maintains the balance of the body
  3. a continuation of the medulla oblongata
  5. a function where communication between two neurons occurs.

The letters M and A and number 7 appear in a crossword grid.

Q.2 Make a list of precautions (at least 8) to be taken to save yourself and young family from any allergy.
eg – wash your hands before eating or touching your nose, eyes or mouth. Stick pictures to justify your answer.

Q.3 Give short answer for the following questions:
1. A cup-shaped structure at one end of the nephron
2. The reaction of an organism to a stimulus.
3. Allergy that occurs at any time of the year.
4. Another name of hay fever.
5. Fluid contained in the central canal.
6. The cause of urinary tract infections.
7. Tubes that carry urine from kidneys to the urinary bladder.
8. The fastest organ in the human body.

Q4. Draw or stick pictures of **5** pulses**/** fruits which resemble body organs. Write the benefits of such fruits for the human beings.

HISTORY & CIVICS

Q.1 If you were the Chief Minister of your state, which ten suggestions / implementations you would like to work on for improving the conditions of the people. Use pictures to elaborate your answer.

Q.2 The Kohinoor diamond was given to Humanyun by the family of the Raja of Gwalior. Find out whether this story about the Kohinoor is true and also trace its history.

Q.3 Imagine that you are journalist living during the reign of Akbar, the Great. He has invited you to join the discussion at the Ibadat Khana. Write a brief report on Ibadat Khana and its proceedings.

Q.4 Illustrate a picture composition on the cultural achievements of Jahangir and Shah Jahan's reign. Include aspects such as literature, art and architecture.

Q.5 Can you think of any religious reformer whose life and teachings appeal to you. Discussion various aspects of his / her life, teachings and influence and its relevance in modern society.

GEOGRAPHY

Q.1 Find out the consumption of electricity at home for a period of one week. On a chart, show how many units of electricity are used per day and the total units used over one week.

Q.2 Write a report on poor access of electricity in a village. Analyse the impact it has on the lives of the villagers and find out the alternate sources of energy they use for their daily lives. Stick the pictures to elaborate your answer.

Q.3 Make a report on changing climatic conditions and their impact on Antarctica.

Q.4 On a outline map of Australia, mark the states and territories of Australia and colour each of them with a different colour. Mark and label the important cities of Australia with black dots. Also write why these cities are important.

Q.5 Make a chart of comparison between non-renewable and renewable resources.

i) Why and how can we conserve energy? Illustrate with help of example and picture.

COMPUTER SCIENCE   CLASS VII

1) Define any three types of viruses.
2) Differentiate between Procedural programming and Object Oriented programming with diagrams.
3) What is Java (Blue J)? Write the steps to start Blue J.
4) What is Anti-virus software? Name any 5 antivirus software. Write the steps to scan your computer using antivirus software.
5) Draw and name any four tools of all 5 categories of tools from GIMP toolbox.
6) Write a Java program to print your name, class, roll no. and school and get a print out of it.

HINDI Subject – Hindi

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