



DELHI PUBLIC SCHOOL FIROZABAD

Half Yearly Examination – Term 1

Subject-EVS

Class-V

M.M. 60

Duration: 2:30 hrs

Adm. No. _____ Name _____ Date _____

General Instructions:

1. This paper has five sections and all questions are compulsory .
2. Marks for each question are written in appropriate place.
3. Read the questions carefully and answer and draw neat and labeled diagrams.

Section-A

I) Choose the correct option for the following statements - (0.5x10=5)

1. The total number of vertebrae in the backbone is

- (a) 22 (b) 32 (c) 33 (d) 43

2. Which joint is present between the two vertebrae ?

- (a) Hinge joint (b) Gliding joint (c) ball and socket joint (d) pivot joint

3. The component of food that provide energy to the body?

- (a) Protein (b) Fats (c) Vitamins (d) Minerals

4. Scurvy is caused by deficiency of vitamin_____.

- (a) A (b) D (c) C (d) B

5. Which layer of atmosphere has a layer called as ionosphere

- (a) Stratosphere (b) Thermosphere (c) Troposphere (d) Mesosphere

6. _____ gas is released by plants during photosynthesis.

- (a) Oxygen (b) Carbon di-oxide (c) Nitrogen (d) Hydrogen

7. Potato plant can reproduce through _____.

- (a) Leaves (b) root (c) Stem (d) branch

8. During initial stages of growth of a seedling get its nutrition from-

- (a) Embryo (b) Cotyledons (c) Roots (d) leaves

9. When two or more atoms of different elements join together, a _____ is formed.

- (a) Mixture (b) Compound (c) Both (a) and (b) (d) None of these

10. Ram dissolved 10 gm of substance 'A' into 100 ml of substance 'B'. In this case the substance 'A' is a _____.
- (a) solvent (b) Solute (c) Solution (d) Saturated solution

Section-B

Fill in the blanks with correct word-

(5×1=5)

1. Our lower arm has two long bones called Radius and _____.
2. Deficiency of calcium causes _____.
3. _____ is the body's ability to fight or resist an infection.
4. A Cloudburst can lead to _____.
5. Evaporation and condensation are _____ changes.

Section-C

State whether the statement is true or false-

(5×1=5)

1. The bones which enclose the brain are called cranial bones. _____
2. Vertebral column is the bundle of nerves. _____
3. Jaundice and typhoid spread through contaminated water. _____
4. Cyclones are formed over warm oceans. _____
5. Nitrogen is an example of compound. _____

Section-C

Answer the questions in short –

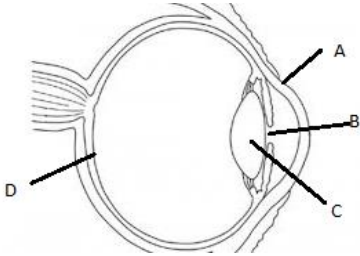
(9×2=18)

1.  (a) Identify the structure shown in the diagram.

- (b) What are its functions?

2. What are the functions of spinal cord?

3.



(a) Identify and label the parts 'A', 'B', 'C' and 'D' in the diagram of eye.

(b) Which part of eye focuses the light and project image on retina?-

(c) Which nerve connects retina to the brain ?

4. Manav is suffering from a disease with fever and running nose and doctor suggested him to stay at home.

(a) Why was he suggested to stay at home?

(b) How can we prevent spread of such type of diseases? (any three ways)

5. How is the ozone layer helpful to us?

6. (a) Which gas is present in highest amount in atmosphere?

(b) What is its importance ?

7. (a) What is reproduction?

(b) Name two plants which can reproduce through stem.

8. Define the given terms-

(a) Earthquake-

(b) Drought

9. Differentiate between miscible and immiscible liquids. Give examples.

Miscible liquids	Immiscible liquids

Section-D

Answer the following questions-

(5×3=15)

1.

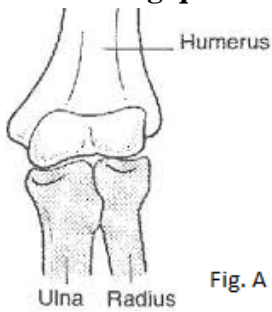


Fig. A



Fig. B

(a) Name the joints shown in the figure 'A' and figure 'B'.

(b) Which tissue that holds the bones together at joints?

(c) Write any one difference between these two joints.2

2. Explain the structure of brain and write one function of each part of brain.

3. What are the causes of air pollution and how can we control it?

4.(a) Identify the plant and how the seed dispersal takes place in this plant.



(b) What will happen if many seeds will grow close to each other?

(c) How do animals help in seed dispersal?

5. Write any three differences between solid, liquid and gases.

Solids	Liquids	Gases

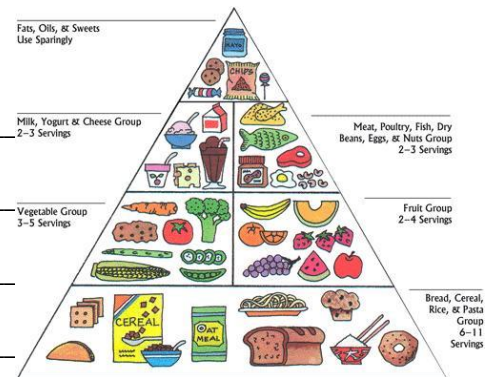
Section-E

Answer the following questions in detail--

(3×4=12)

1. (a) Observe the food pyramid and suggest your friend what he/she

Should include in his/her diet to stay healthy.



(b) Some people waste a lot of food. They organize parties and often food is left in such events. How can we optimise the food usage so that all the sections of society get enough food.

2. (a) Draw a neat and labeled diagram of seed.



(b) Write any two conditions required for germination of seed.

3. Observe the picture given below and answer the questions-



(a) Which natural calamity is shown in the picture given above ?

(b) When does it occur?

(c) Write any two effects of it.
