



# ANGEL'S PUBLIC SCHOOL

## SAMPLE PAPER

HALF YEARLY EXAM SESSION 2025 – 26  
CLASS –V

TIME: 3 HRS SUBJECT: SCIENCE M.M:80

**1. Choose the correct option:**

**(10x1=10)**

- (a) Land animals breathe through \_\_\_\_\_  
(i) spiracles (ii) gills (iii) lungs (iv) limbs
- (b) Which is not a source of carbohydrates  
(i) wheat (ii) rice (iii) apple (iv) corn
- (c) Front two limbs of animals called \_\_\_\_\_  
(i) hind limbs (ii) trachea (iii) fore limbs (iv) tentacles
- (d) Insects have air tube called \_\_\_\_\_  
(i) trachea (ii) spiracles (iii) nostrils (iv) humerus
- (e) Controls the body activities-  
(i) skin (ii) brain (iii) digestive (iv) lungs
- (f) The structure that protects spinal cord-  
(i) skull (ii) sacrum (iii) vertebrae (iv) sternum
- (g) Excess of fatty food can lead to  
(i) deficiency (ii) allergy (iii) obesity (iv) communicable disease
- (h) An octopus moves with its ....  
(i) suckers (ii) webbed feet (iii) tentacles (iv) trachea
- (i) The joints help in the movements are \_\_\_\_\_  
(i) immovable (ii) stirrup (iii) movable (iv) fins
- (j) Which one is not a water borne disease?  
(i) goitre (ii) typhoid (iii) cholera (iv) diarrhoea

**2. Give the one-word answers for the following question:**

**(10x1=10)**

- (a) Which joint is present in the hip and shoulder region?
- (b) Name a reptile.
- (c) Give a source of carbohydrates.
- (d) Rickets is caused due to deficiency of which vitamin.
- (e) How are ducks able to move in water?
- (f) Name a part that protects our brain?
- (g) Name the largest living land animal.
- (h) Name the longest bone present in the human body?
- (i) Which system helps in the breakdown and absorption of food?
- (j) How many muscles are there in our body?

**3. Fill in the blanks-**

(8x1=8)

- (a) An adult human being has ..... bones.
- (b) \_\_\_\_ helps in removal of undigested food.
- (c) Holes on the body of insects are \_\_\_\_.
- (d) Rib cage is made up of .....pairs of curved bones.
- (e) The cord that connects the brain to the nerves \_\_\_\_.
- (f) \_\_\_\_ are body – building nutrients.
- (g) Outer covering of seed is \_\_\_\_.
- (h) A baby plant formed after germination is called \_\_\_\_.

**4. State whether the following statements are true or false-**

(8x1=8)

- (a) The image of objects are formed on the retina of our eyes
- (b) All insects can fly.
- (c) Bread is a rich source of fat.
- (d) Ducks have webbed feet to move.
- (e) The ribcage protects the heart and lungs.
- (f) Plants need only air to grow.
- (g) Penguins are flightless birds.
- (h) Ligaments are strong tissues.

**5. Short answer questions: (Do any eight)**

(8x3=24)

- (a) Write any two functions of skeleton system.
- (b) Why should we exercise?
- (c) How do land animals move?
- (d) How much should be the protein intake of a child weighing 20 kg?
- (e) What is a balanced diet? Name the five components of a balanced diet.
- (f) How do insects breathe?
- (g) Differentiate between movable and immovable joints.
- (h) Why snakes find it easy to move on rough ground?
- (i) Define reflex action.

**6. Long answer questions- (Do any three)**

(2x5=10)

- (a) What are the three different kinds of muscles and what are their functions?
- (b) Write the name of different parts of human brain and explain them.
- (c) How is breathing of tadpole different from breathing of a frog?

**7. Draw and label the following diagrams.**

(5x2=10)