



ANGEL'S PUBLIC SCHOOL

HALF YEARLY EXAMINATION

(SAMPLE PAPER)

SESSION 2026 – 27
SUBJECT : SCIENCE

TIME : 03 HRS

GRADE – V

M.M:80

SECTION – A

A. Multiple choice questions.

(10x1=10)

1. Land animals breathe through:
(a) Spiracles (b) Gills (c) Lungs (d) Limbs
2. Which of the following is not a source of carbohydrates?
(a) Wheat (b) Rice (c) Apple (d) Corn
3. The front two limbs of animals are called:
(a) Hind limbs (b) Trachea (c) Fore limbs (d) Tentacles
4. Insects have air tubes called:
(a) Trachea (b) Spiracles (c) Nostrils (d) Humerus
5. Which organ controls the activities of the body?
(a) Skin (b) Brain (c) Digestive system (d) Lungs
6. Which structure protects the spinal cord?
(a) Skull (b) Sacrum (c) Vertebrae (d) Sternum
7. Excess intake of fatty food can lead to:
(a) Deficiency (b) Allergy (c) Obesity (d) Communicable disease
8. An octopus moves with its:
(a) Suckers (b) Webbed feet (c) Tentacles (d) Trachea

Assertion and Reason

9. **Assertion (A):** We should wash our hands before eating food.

Reason (R): Washing hands removes germs that can cause diseases.

- (a) Both Assertion (A) and Reason (R) are true, and Reason is the correct explanation of Assertion.
- (b) Both Assertion (A) and Reason (R) are true, but Reason is not the correct explanation of Assertion.
- (c) Assertion (A) is true, but Reason (R) is false.
- (d) Assertion (A) is false, but Reason (R) is true.

10. **Assertion (A):** We should brush our teeth twice a day.

Reason (R): Brushing helps remove food particles and prevents tooth decay.

- (a) Both Assertion (A) and Reason (R) are true, and Reason is the correct explanation of Assertion.

- (b) Both Assertion (A) and Reason (R) are true, but Reason is not the correct explanation of Assertion.
- (c) Assertion (A) is true, but Reason (R) is false.
- (d) Assertion (A) is false, but Reason (R) is true.

2. Give one-word answers for the following questions.

(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 ofpairs of curved bones.
- (e) The cord that connects the brain to the nerves is called ____.
- (f) ____ are body – building nutrients.
- (g) Outer covering of seed is ____.
- (h) A baby plant formed after germination is called ____.

4. State whether the statement is true or false.

(8x1=8)

- (a) The images 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.

SECTION – B

5. Short answer type questions: (Do any seven)

(7×3=21)

- (a) Write any two functions of the 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 do snakes find it easy to move on rough ground?
- (i) Define reflex action.
- (j) How does a sea turtle breathe?

6. Case based question.

(1×3=3)

Case: Riya came home from playing outside. Without washing her hands, she started eating lunch. Later, she had a stomach ache.

Questions:

- (a) What mistake did Riya make?
- (b) What should she have done before eating?
- (c) Why is handwashing important?

7. Long answer type questions. (Do any two)

(2×5=10)

- (a) What are the three different kinds of muscles and what are their functions?
- (b) Write the names of different parts of the human brain and explain them.
- (c) How is breathing of tadpole different from breathing of a frog?
- (d) How we can take care of our nose?
- (e) What is the difference between an epidemic and pandemic?

SECTION – C

8. Draw and label the following diagrams.

(5×2=10)

- (a)
- (b)