



K.P.C PUBLIC SCHOOL, KHARGHAR
ASSESSMENT III-2023-24

GRADE: VI
SUBJECT: SCIENCE

MARKS :50
TIME: 2 HRS

General Instructions: This question paper comprises five sections A , B , C , D and E.

All questions are compulsory.

SECTION – A

(This section carries 1 mark each and comprises of :

A] Tick the correct answer

B] Fill in the blanks

C] True or false

A] Tick (✓) the correct answer:

(1 x 10=10)

- 1) Skeleton of human body is made up of
a) bones b) cartilage c) both bones and cartilage d) none of these
- 2) In cockroaches the body parts helping in movement are
a) Three pairs of legs and two pairs of wings b) Two pairs of legs and two pairs of wings
c) Two pairs of legs and three pairs of wings d) None of these
- 3) Which of the following organisms does not have both muscles and skeleton for movement?
a) Dog b) snail c) earthworm d) none of these
- 4) How many shoulder bones are there in human skeleton?
a) one b) three c) two d) None of these
- 5) What is name given to the plants growing in water?
a) Hydrilla b) Lotus c) hydrophytes d) none of these
- 6) Which is an aquatic adaptation?
a) Streamlined body b) light and hallow bones c) gills d) both a and c
- 7) What are the characteristics of a desert plant?
a) no leaves or very small leaves b) spines c) deep roots d) all of these
- 8) The chest is a cone shaped cage enclosing the
a) Heart b) lungs c) both A and B d) none of these
- 9) To which bones are thigh bones attached?
a) pelvic bone b) hinge joint c) shoulder bone d) backbone
- 10) Which is a biotic component of environment?
a) Plants b) animals c) microorganisms d) all of this

B] Fill in the blanks:

(1 x 7 = 7)

- 11) The presence of specific features which enable a plant or an animal to live in a particular habitat is called _____.
- 12) Living thing produce more of their own kind through_____.
- 13) The_____ joint is present between the skull and the backbone.
- 14) Red blood cells and white blood cells are produced in the_____.
- 15) Breathing is a part of process called_____.
- 16) Changes in our surroundings that make us respond to them are called_____.
- 17) The contraction and relaxation of_____ pulls the bones during movement.

C] True or False:

(1 x 7 = 7)

- 18) The human body is born with about 206 bones.
- 19) The minute movable bristles in earthworm helps in gripping the ground.

- 20) Mountain is a special terrestrial habitat where temperature is very low.
 21) Fish breath in a water with the help of blowhole.
 22) All plants reproduces through seeds.
 23) knees has the Hinge joint which allows movement in one direction .
 24) Animals like Lion are prey and Deer are predators for each other.

SECTION - B

(This section comprises of Short Answer Type Question carrying 2 marks each.) **(2x 3 =6)**

- 25) What is terrestrial habitat? Give any 2 examples of terrestrial habitat.
 26) What are biotic and abiotic component of earth?
 27) Differentiate between bone and cartilage .

SECTION – C

(This section comprises of Short Answer Type Question carrying 3 marks each.) **(3 X 3 =9)**

- 28) What is a bone joint describe any 2 kinds of joints found in our body?
 29) What are the adaptive features of a lion that helps it in hunting?
 30) What are the main characteristics of living objects?

OR

- 30) How is the fish adapted to live in water?

SECTION – D

(This section comprises of Long Answer Type Question carrying 5 marks each.) **(5x 1 = 5)**

- 31) Answer the following
 a) Why can our elbow not move backward?
 b) Write any 4 function of skeleton.

OR

- 31) Describe chest bone with neat labelled figure.

SECTION – E

(This section comprises of case study based / data based questions carrying 1 marks each.) **(6 marks)**

- 32) Read the given passage and answer the following questions.

Birds fly in the air and walk on the ground. Some birds like ducks and swans also swim in water. The birds can fly because their bodies are well suited for flying. Their bones are hollow and light. The bones of the hind limbs are typical for walking and perching. The bony parts of the forelimbs are modified as wings. The shoulder bones are strong. The breastbone are modified to hold muscles of flight which are used to move the wings up and down.

- i) Which one of the following is the characteristics of birds ? (1)
 a) Strong muscles b) light bones c) hollow bones d) All of these
 ii) Which body part of the bird is used for walking? (1)
 iii) Which body part of the bird modified as wings. (1)

33) Respiration is necessary for all living organism. In respiration, some of the oxygen of the air we breathe in is used by the living body. We breathe out the carbon dioxide produced in this process. Animals have different mechanism for the exchange of gases, which is a part of the respiration process. Do plants also respire? Exchange of gases in plants mainly takes place through their leaves. The leaves take in air through tiny pores in them and use the oxygen. They give out carbon dioxide to the air. Plants produce their food only during the day time whereas respiration in them takes place day night.

- i) The tiny pores on the leaves that help in exchange of gases are: (1)
 a) stomata b) blowholes c) buds d) nostrils
 ii) Which among the following is produced during respiration in plants? (1)
 a) resins b) gums c) carbon dioxide d) oxygen
 iii) Which among the following set shows the correct pair of organism and its respiratory part? (1)
 a) earthworm-skin b) Fish-fins c) dolphin-gills d) camel-hump