



U. S. OSTWAL INTERNATIONAL SCHOOL

OSTWAL WONDER CITY, BOISAR (E)

TERM – 1 (2023-24)

Name : _____

Date:

Roll no. _____

Marks: 60

Grade : VII

Time : 2 hr 30 min

Subject : Biology

General Instructions:

- All questions are compulsory
- Do not write the questions. Directly write the answers.
- Write the paper neatly. 10min for reading

Q.1) Fill in the blanks.

(06)

- 1) _____ have moist and slippery skin.
- 2) _____ have dry skin covered with scales.
- 3) Mammals have _____ to breathe.
- 4) The food prepared by plants is stored as _____.
- 5) _____ are minute pores on the surface of leaves.
- 6) Plants that have white and green parts in the same leaf are called _____.

Q.2) Choose the correct answer.

(06).

- 1) The tough outer covering in arthropods is called _____.
a) exoskeleton b) endoskeleton c) abdomen d) thorax
- 2) Most insects have _____ pairs (s) of legs.
a) one b) two c) three d) four
- 3) All vertebrates lay eggs except _____.
a) fish b) reptiles c) birds d) mammals
- 4) Transport of food in plants takes place through _____.
a) Flowers b) Phloem c) Stomata d) Epidermis
- 5) The end product(s) of aerobic respiration are _____.
a) CO₂ b) CO₂ H₂O c) CO₂ + H₂O + energy d) CO₂ + energy
- 6) Extra glucose synthesised is stored as _____.
a) insoluble starch b) soluble starch c) soluble sugar d) none of these

Q. 3) Write (T) for true and (F) for false statements.

(06)

1. Kingdom Monera consists of unicellular and eukaryotic organisms _____
2. Organisms belonging to Kingdom Animalia are heterotrophic. _____
3. Invertebrates have a backbone called vertebral column. _____
4. The process of breakdown of food into carbon dioxide and water with the release of energy is called photosynthesis. _____
5. Green plants respire anaerobically. _____
6. Growing parts of a plant respire actively. _____

Q. 4 Identify the error (s) in the given statements. (06)

- 1. Roundworms have special organs of excretion called nephridia. _____
- 2. Molluscs have sharp spines all over their body. _____
- 3. Mammalians have internal ears, nose and specialised teeth. _____
- 4. During photosynthesis , released carbon dioxide escapes through stomata. _____
- 5. Stoma consists of a pore surrounded by three kidney - shaped guard cells. _____
- 6. Mature leaves have lenticels for exchange of gases. _____

Q.5) Answer in shorts . (Any 5) (10)

- 1) What is classification?
- 2) How are birds able to fly?
- 3) What are warm - blooded animals? Give examples.
- 4) Name the factors which affect the rate of photosynthesis.
- 5) Define respiration.
- 6) Give the word equation for aerobic and anaerobic respiration.

Q.6 Explain the following terms. (Any 2) (06)

- 1) Decomposers
- 2) Chlorophyll
- 3) Yeast

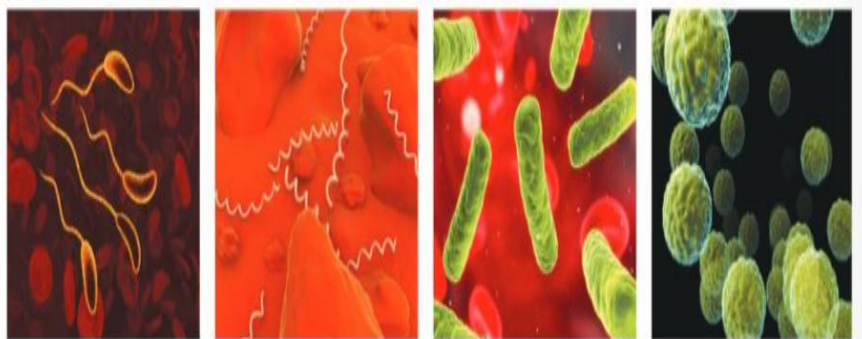
Q.7 Differentiate between the following. (Any 2) (06)

- 1. Reptiles and birds
- 2. Photosynthesis and respiration
- 3. Pisces and Amphibians

Q. 8 Give reasons for the following statements. (Any 5) (10)

- 1) Artificial system of classification has little value.
- 2) Bacteria are both harmful and useful.
- 3) Fungi cannot make their own food.
- 4) Plants are autotrophs.
- 5) Carbon dioxide is necessary for photosynthesis.
- 6) Photosynthesis purifies atmosphere.

Q.9 Observe the figures and identify the shapes of the bacteria . (04)



- 1. _____
- 2. _____
- 3. _____
- 4. _____

ALL THE BEST

