LITTLE FLOWER SCHOOL, RAPTINAGAR, GORAKHPUR
ANNUAL EXAMINATION 2020 - 2021

Class: VII   **Time: 2 Hours**
Biology   **Max Marks: 100**

I.   Fill in the blanks: **[10×1=10]**
1) Classification helps to study the organisms in a _____way.
2) Cnidarians have_____ symmetrical body.
3) The backbone is also called_____ _____.
4) _____have moist and slippery skin.
5) _____have dry skin covered with scales.
6) In Amoeba, respiration takes place through its _____.
7) A group of hyphae is called_____.
8) _____ was the first person to classify animals.
9) _____ is the largest fungus.
10) All vertebrates have a _____circulatory system.

II.   State true or false: **[10×1=10]**
1) Kingdom Monera consists of unicellular and eukaryotic organisms.
2) Invertebrates have a Vertebral column.
3) Bacilli are spherical in shape.
4) Salmonella cause gastroenteritis and urinary tract infection.
5) Hydra and jellyfish are common examples of phylum Porifera.
6) Yeast respires both aerobically and anaerobically.
7) Echinoderms consists of only marine.
8) Mammals have four chambered heart animals.
9) Reptiles and Amphibians are cold blooded animals.
10) Adult amphibians breathe through gills.

III.   Choose the correct option: **[5×1=5]**
1) Tough outer covering in Arthropods is called _____
   a) exoskeleton   c) abdomen
   b) endoskeleton   d) thorax

2) This vertebrate has a three chambered heart.
   a) sparrow   c) crocodile
   b) sheep   d) Man

3) Which of these pair belong to phylum Annelida?
   a) earthworm and tapeworm.   c) earthworm and ascaris
   b) earthworm and hookworm   d) earthworm and leech

4) Animals with spines all over the body belong to phylum _____
   a) Cnidaria   c) Echinodermata
   b) Mollusca   d) Reptilia

5) _____ was the first person to classify plants.
   a) Carolus Linnaeus   c) Aristotle
   b) Theophrastus   d) Whittaker

IV.   Match the following: **[10×1=10]**

1) Harmful fungi   a) Jelly fish
2) Protozoan   b) Mussel
3) Molluscs.   c) Ustilago
4) Amphibian.   d) Salamander
5) Hollow animal.   e) Amoeba
6) Dhobi's itch   f) coelom
7) Annelida   g) radially symmetrical body
8) Body cavity   h) Reptiles
9) Starfish   i) Fungi
10) Eggs with leathery shells   j) Nephridia

V.   Identify the error (s) in the given statement: **[5×1=5]**

1) Molluscs have sharp spines on their body.
2) Vibrios are rod-shaped bacteria with or without flagella.
3) Plants are heterotrophs and can make their own food.
4) Warm- blooded animals change their body temperature with the surroundings.
5) Nematodes are aquatic animals with a streamlined body.

VI.   Name the following: **[5×1=5]**

1) Give one example of flatworms.
2) Bacterium that causes typhoid and food poisoning.
3) The scientist who proposed the five-kingdom classification.
4) One example of Porifera.
5) Animals with jointed legs.

VII.   Differentiate between the following (Any 2):   **[2×2=4]**

1) Flatworms and Roundworms
2) Pisces and Amphibians
3) Reptiles and Birds

VIII.   Give reasons for the following (Any 3):   **[3×2=6]**

1) Fungi cannot make their own food.
2) Invertebrates are delicate and soft.
3) Artificial system of classification has little value.
4) Bacteria are both harmful and useful.

IX.   Explain the following terms (Any two):   **[2×3=6]**

1) Decomposers
2) Yeast
3) Pseudopodia

X.   Answer in short (Any 4):   **[4×3=12]**

1) What is classification?
2) What do you mean by bilaterally symmetrical body?
3) What are warm blooded animals give examples?
4) What are the three criteria on which five kingdom classification is based?
5) How are birds able to fly?

XI. Answer in detail (Any 4): [4×4=16]

1) What is the five-kingdom system of classification?
2) Write any two salient features each of Kingdom Monera and Kingdom Protista.
3) How are mammals different from other vertebrates?
4) Name the classes into which Vertebrates are divided. Give two examples of each class.
5) Describe the different shapes of bacteria.

XII. Draw a well labelled diagram of Rhizopus: [1×6=6]

XIII. Internal assessment [5]