



ST. JOSEPH'S COLLEGE, PRAYAGRAJ

SECOND UNIT TEST 2024

BIOLOGY

CLASS – IX

TIME: 1 Hour

MM: 30

Note: First 15 minutes are to be utilized for reading the question paper only, do not write during the reading time. The marks are allotted at the end of each question or its sub parts. Do not change the question numbers. Attempt all the questions.

Q1. Choose the correct options from the given choices:

[5]

- 1) Earthworm belongs to the phylum,
 - a. Nematoda
 - b. Reptile
 - c. Platyhelminthes
 - d. Annelida
- 2) Assertion: Rhizobium makes nodules in the roots of leguminous plants.
Reason: Rhizobium is a denitrifying bacteria.
 - a. Assertion is true but reason is false.
 - b. Assertion is false but reason is true.
 - c. Both assertion and reason are false.
 - d. Both assertion and reason are true.
- 3) Yeast is
 - a. An enzyme.
 - b. A plant.
 - c. A fungus.
 - d. An animal.
- 4) BCG is a vaccine to provide protection against,
 - a. Diphtheria.
 - b. Typhoid.
 - c. Tetanus.
 - d. Tuberculosis.
- 5) Plants having false structures that resembles root, stem and leaves belong to division
 - a. Pteridophyta.
 - b. Bryophyta.
 - c. Thallophyta.
 - d. Gymnosperms.

Q 2) Define the following:

[5]

- 1) Species.
- 2) Moulting.
- 3) Fermentation.
- 4) Leavening of dough.
- 5) Toxoids.

Q 3) Name the following:

[5]

- 1) The source of first antibiotic discovered.
- 2) Kingdom having unicellular prokaryotic organisms.
- 3) Phylum having largest number of species in the animal kingdom.
- 4) A unicellular fungus.
- 5) Phylum of the organism that possess pores and spicules on their body wall.

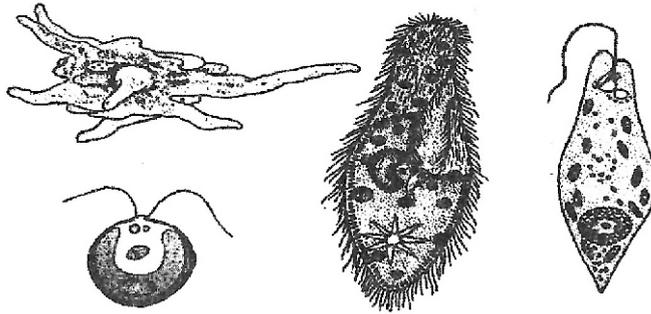
Q 4) Answer the following:

[5]

- 1) Why does bread turn sour by adding yeast?
- 2) Excess salt or sugar protects the food from spoilage, give proper reason for this.
- 3) Why should we add mushrooms in our diet?
- 4) Earthworms are considered as farmer's friend. Explain.
- 5) Living rooms should be constructed in such a way that they receive sunlight for a good number of hours.

Q 5) Given below is a picture of some living organisms. Observe carefully and answer the questions.

[5]



- 1) Name the kingdom that they belong to.
- 2) Write any one feature of the kingdom named in part a.
- 3) What is Binomial nomenclature? Who proposed it?
- 4) Define serum.

Q 6) Differentiate between the following:

[5]

- 1) Nitrosomonas and nitrobacter.
- 2) Pasteurization and boiling.
- 3) Cold blooded and warm-blooded animals
- 4) Gymnosperm and angiosperm plants.
- 5) Vertebrates and invertebrate animals.