

M.Sc. (Micro) Semester - 1 (CBCS) Examination
OCT/NOV-2025 (AS PER SYLLABUS YEAR JUNE-2018)
BIODIVERSITY AND BIOSYSTEMATICS(CORE)

Time: 2:30 Hours**Marks:70****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate marks.

Que.1 Answer the Following. (Any seven out of ten question.) (14)

- 1) What is Over-exploitation?
- 2) Name some Eco-tourism sites of Gujarat.
- 3) How to eradicate invasive species?
- 4) Draw clasper and write its function.
- 5) Describe Zygomycetes.
- 6) Give scientific name of some common parasites.
- 7) Explain CBD.
- 8) Draw a few differences in between bony and cartilaginous fishes.
- 9) Draw locomotory organs of earthworm.
- 10) Write about shark teeth, and its function.

Que.2 Answer the Following. (Any two out of three) (14)

- 1) Describe CBD mechanisms and working bodies.
- 2) Write short note on ecosystem monitoring and rehabilitation
- 3) Make a note on: sustainable use of biodiversity.

Que.3 Answer the Following. (14)

- 1) Describe general features of fungus.
- 2) Explain human parasites.

OR

Que.3 Answer the Following. (14)

- 1) Describe about akaryotes, archea & bacteria
- 2) Write short note on organisms of health importance

Que.4 Answer the Following.

- 1) Write in detail about angiosperms. (05)
- 2) Write about non-seed tracheophytes. (05)
- 3) Comment on: plant classification (04)

Que.5 Write short note on any two out of four. (14)

- 1) Write Rare, endangered species and conservation strategies.
- 2) Write differences in between class amphibia and aves.
- 3) Give classification chart of animal classification and explain with examples.
- 4) Write Classification of Flagellates, Amoebas, Ciliates and Apicomplexans.
