



PG – 533

VII Semester M.Sc. (Integrated Course) Degree Examination,
Dec. 2017/Jan. 2018
(CBCS)
BIOLOGICAL SCIENCES
(IBS – 702) : Parasitology

Time : 3 Hours

Max. Marks : 70

Instruction : Illustrate *wherever* necessary.

SECTION – A

1. Answer **any ten** of the following : (10×2=20)
- a) Mutualism.
 - b) Amastigote.
 - c) Immunity.
 - d) Viviparity.
 - e) Cuscuta.
 - f) Cereals.
 - g) Lice.
 - h) Lung fluke.
 - i) Schizogony.
 - j) Nematodes.
 - k) Hermaphrodite.
 - l) Toxoplasmosis.

SECTION – B

Write notes on **any four** of the following : (4×5=20)

- 2. Natural reservoir.
- 3. Xenobiotics.
- 4. Loranthus.

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5. Life cycle of *Entamoeba histolytica*.
6. Intestinal fluke.
7. Root knot nematodes.
8. Types of parasites.

SECTION – C

Give a comprehensive account on **any two** of the following :

(2×15=30)

9. Give an account of host parasite interaction.
 10. Describe the distribution biology, life cycle and clinical management of trypanosoma parasite.
 11. Discuss the significance of parasitic evolution.
 12. Give a note on immunity and immune response to parasitic infection.
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