

NOVEMBER/DECEMBER 2019

**BMB53 — MEDICAL VIROLOGY,
MYCOLOGY AND PARASITOLOGY**

Time : Three hours

Maximum : 75 marks



SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

All questions carry equal marks.

Define/Write a short note of the following :

1. Capsomers.
2. Prions.
3. Alpha herpes viruses.
4. Polio virus.
5. Bacterio phages.
6. T-even phages.
7. Di morphic fungi.
8. Histoplasmosis.

9. Hook worm.

10. Hydatidosis.

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Write about the general properties of viruses.

Or

(b) Discuss about the cultivation viruses.

12. (a) Write an account on Rabies virus.

Or

(b) Comment on Oncogenic viruses.

13. (a) Draw a structure of a bacteriophage. Explain their parts in detail.

Or

(b) Write about the viruses of importance to bacteria.

14. (a) Explain about the detection and recovery of fungi from clinical specimens.

Or

(b) Comment on Dermatophytes.

15. (a) Write about the morphology, pathogenicity and lab diagnosis of Amoebiasis.

Or

(b) Write an account on Filariasis.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

Explain about the detection of viruses and antigens in clinical specimens.

17. Write an account on Rota and AIDS viruses.

18. Write a detailed note on types of bacteriophages.

19. Discuss about yeast of medical importance dimorphic fungi causing systemic mycoses.

20. Write about the morphology, pathogenicity, lab diagnosis of malaria.

