

S.No. 1999

12UMBE02

(For the candidates admitted from 2012–2013 onwards)

B.Sc. DEGREE EXAMINATION, NOVEMBER 2017.

Fifth Semester

Microbiology

Elective II – MEDICAL MYCOLOGY

Time : Three hours

Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Mention three antifungal agents
2. Dermatophytes
3. Mycetoma
4. Fungal stains
5. Surface mycosis
6. Penicillium marneffi infection
7. White piedra
8. Pityriasis
9. Keratomycosis
10. Trichothecenes.

PART B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Give an account on fungal morphological classification.

Or

- (b) Write short note on medically important fungi.

12. (a) Briefly describe laboratory diagnosis of Taenia nigra.

Or

- (b) Give two treatment of Sporotrichosis.

13. (a) Describe about isolation *Histoplasma capsulatum* from contaminated specimens.

Or

- (b) Enumerate dimorphic fungi and describe their pathogenesis.

14. (a) Name the causative agents of subcutaneous mycosis and describe their laboratory diagnosis.

Or.

- (b) Discuss the problems associated with laboratory diagnosis of Aspergillosis.

15. (a) Give an account on antifungal sensitivity test.

Or

- (b) Write short note on antifungal agents.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain about fungal dimorphism, isolation and identification of fungi.

17. Describe the various modes of nutrition met within the Fungi with examples.

18. Describe the treatment of Cutaneous mycosis.

19. Give an account on Cryptococcosis.

20. Use specific examples to differentiate between myotoxicosis and mycosis.