

C 1260

(Pages : 3)

Name.....

Reg. No.....

**SIXTH SEMESTER (CUCBCSS—UG) DEGREE EXAMINATION
MARCH 2021**

Microbiology

MBG 6B 11—MEDICAL MICROBIOLOGY—II

(2018 Admissions)

Time : Three Hours

Maximum : 80 Marks

Section A

Answer all questions.

Each question carries 1 mark.

1. _____ is the vector for African trypanosomiasis.
2. Expand AIDS.
3. What is meant by window period ?
4. Oral thrush is caused by _____.
5. Malaria is caused by _____.
6. _____ is called as the pork tapeworm.
7. BCG vaccine is used against _____.
8. The first antibiotic was discovered by _____.
9. The term 'vaccine' was coined by _____.
10. Flaccid paralysis is a symptom of _____.
11. _____ is the condition in which *Aspergillus* grows as large balls in pre-existing pulmonary cavities.
12. Australia antigen is associated with _____ infection.

(12 × 1 = 12 marks)

Turn over

Section B (Short Answer Questions)

Answer at least eight questions.

Each question carries 3 marks.

All questions can be attended.

Overall Ceiling 24.

13. Why is it said that we must not use antibiotics without medical consultation ?
14. Differentiate between street rabies virus and fixed rabies virus.
15. What is ID reaction ?
16. What is Blackwater fever ?
17. Briefly explain the causative agent and symptoms of Tinea versicolor.
18. What is dermatophytosis ?
19. What are the symptoms of filariasis ?
20. Differentiate OPV and IPV.
21. What is a subunit vaccine ?
22. What is attenuation ?

(8 × 3 = 24 marks)

Section C (Short Essay Questions)

Answer at least five questions.

Each question carries 6 marks.

All questions can be attended.

Overall Ceiling 30.

23. Briefly explain the history and development of vaccines.
24. Explain in detail the various methods used for the laboratory diagnosis of fungal infections.
25. Briefly explain antigenic shift and antigenic drift.
26. Write short notes on filariasis.
27. Comment on emerging viral infections.
28. Explain the lifecycle and pathogenesis of *Taenia solium*.
29. Comment on the pathogenesis, transmission and prophylaxis of chickenpox.
30. What are the different types of vaccines ? Give examples.

(5 × 6 = 30 marks)

Section D (Essay Questions)

Answer at least one question.

The question carries 14 marks.

31. What is Mycoses ? What are its various types ? Explain with examples.
32. Write an essay on the symptoms, pathogenesis, transmission, prophylaxis and control of any one food or waterborne viral disease.
33. What are Antibiotics ? Comment on its classification and mode of action.

(1 × 14 = 14 marks)