

APRIL/MAY 2019

**MAM21 — MEDICAL MICROBIOLOGY**

Time : Three hours

Maximum : 75 marks

**SECTION A — (5 × 6 = 30 marks)**

Answer ALL questions.

1. (a) Give a brief account of infection.

Or

- (b) Explain the various types of infectious diseases.

2. (a) Write short notes on transport media.

Or

- (b) Comment on Widal test.

3. (a) Describe the morphology cultural characteristics and pathogenesis of proteus.

Or

- (b) Discuss briefly the pathogenicity of Shigella.  
Add a note on its treatment and prevention.

4. (a) Explain the structure and pathogenesis of poliovirus.

Or

- (b) Write about viral vaccines.

5. (a) Give a brief note on candidiasis.

Or

- (b) Write in brief about concentration methods for ova and cyst.

**SECTION B — (3 × 15 = 45 marks)**

Answer any THREE questions.

6. Explain about innate immunity.
7. Give an account of the agglutination technique.
8. Discuss in detail the pathogenesis and lab diagnosis of Mycobacterium tuberculosis.
9. Explain the structure, pathogenicity and lab diagnosis of Adeno virus.
10. Write an essay on Mycotoxins.

