

2 0 1 8

(August)

MICROBIOLOGY

Full Marks : 75

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

Answer **all** questions

1. Name the virus that causes AIDS. Describe the structure of the virus. What is the mode of transmission of AIDS? Discuss how AIDS can be prevented?
1+6+4+4=15
2. What is Nosocomial infection? Write the sources of Nosocomial infection. Discuss the role of nurse to prevent it.
3+4+8=15
3. Define immunity. Write the differences between innate and acquired immunity. What are the various types of hypersensitivity reactions found in our body? 2+5+3=10
4. Define sterilization and disinfection. Discuss the various types of physical methods of sterilization.
4+6=10

(Turn Over)

(2)

5. Write short notes on *(any five)* :

5×5=25

- (a) Gram staining.
- (b) Malarial Parasite
- (c) Culture Media
- (d) Chemotherapy and antibiotics
- (e) Bacterial growth curve
- (f) Food- poisoning

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