

Total No. of Printed Page – 2

SS/PBN-I/MIC/01-23

2 0 2 3

(January)

MICROBIOLOGY

Full Marks : 75

Time : 3 hours

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

Answer **all** questions

1. Fill in the blanks: 1x5=5
- (a) Mycotiomycetoma is known as _____.
 - (b) Hepatitis A is transmitted through _____.
 - (c) _____ is used to sterilize OT.
 - (d) In AIDS, there occurs depletion of _____.
 - (e) The Widal test is done for the diagnosis of _____.
2. Short notes : (any six) 5x6=30
- (a) Gonorrhoea.
 - (b) Antibiotics.
 - (c) Coronavirus infection & prevention.
 - (d) Dermatophytes
 - (e) Passive immunity
 - (f) Parasite & Amoebiasis infection
 - (g) Disinfection

(Turn Over)

(2)

3. Answer the following: (any four) 4x10=40
- (a) Discuss the Poliomyelitis infection, pathogenesis, diagnosis, treatment, prevention.
 - (b) Discuss Tuberculosis infection, pathogenesis, diagnosis, treatment/ prevention.
 - (c) Discuss the bacterial growth curve and the factors affecting the bacterial growth.
 - (d) Define sterilization and the various methods used in sterilization.
 - (e) Define antigen-antibody reaction. Mention the various methods of antigen-antibody reactions.

* * *