

Date: 07-03-2018

Instructions:

MT 16906

Second Year MBBS Examination

II MBBS Microbiology Paper 2

Time: 2 hours

Max

Marks: 40

1. Answer to the points.
2. Figure to the right indicates marks.
3. Use separate answer books for each section.
4. Draw diagrams wherever necessary.
5. Write legibly.

Section 1

1. Multiple Choice Questions (8)

a) Herpes Zoster is caused by following virus

- (a) Herpes simplex type 1
- (b) Herpes simplex type 2
- (c) Epstein barr virus
- (d) Varicella

b) Vector for Trypanosoma *ç* cruzi is:

- (a) Tsetse fly
- (b) Sand fly
- (c) Reduvid bug
- (d) Hard tick

c) Which is the most probable portal of entry for Aspergillus?

- (a) Puncture wound
 - (b) Lungs
 - (c) Gastrointestinal tract
 - (d) Urinary tract
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- d) Carrier state does not exist for
- (a) Hepatitis A virus
 - (b) Hepatitis B virus
 - (c) Hepatitis C virus
 - (d) Delta agent
- e) In malaria, sexual cycle is
- (a) Sporozoite to gametocytes
 - (b) Gametocytes to sporozoite
 - (c) Occurs in human
 - (d) None of the above
- f) Discharging sinus is seen in
- (a) Sporotrichosis
 - (b) Cryptococcosis
 - (c) Blastomycosis
 - (d) Mycetoma
- g) Commonest complication of mumps is
- (a) Myocarditis
 - (b) Pneumonia
 - (c) Orchitis and oophritis
 - (d) Nephritis
- h) Amastigote forms are Seen in
- (a) Leishmania donovani
 - (b) Enterobius
 - (c) Toxoplasma gondi
 - (d) Entamoeba

Section 2

2. Write short notes on any two (10)

a) Laboratory Diagnosis of Polio virus infection

b) Laboratory diagnosis of Filariasis

c) Blastomycosis.

3. Write short answers on any two: (6)

a) Enumerate viruses causing encephalitis.

b) Draw and Label trophozoite of Giardia lamblia.

c) Enumerate fungi causing opportunistic infection.

4. Write short notes on any two (10)

a) Hepatitis B virus

b) Laboratory diagnosis of Round worm infestation

c) Cryptococcosis.

5. Write short answers on any two: (6)

a) Enumerate major antigens of HIV.

b) Give differences between amoebic and bacillary dysentery.

c) Enumerate causative agents of mycetoma.

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