



PO-02012143

Seat No. _____

Second Year M.B.B.S. Examination

July - 2018

Microbiology : Paper-II

(Parasitology, Virology, Mycology & Recent Advances)

Time : 2 Hours]

[Total Marks : 40

Instructions :

- (1) Figures on right side indicate full marks of the question.
- (2) Draw neat and clean diagram wherever it is necessary.
- (3) Write down each section in a separate answer sheet.

SECTION – I

- 1 A 35 Years old woman who had received multiple blood transfusions over the previous six months presented with persistent fatigue, loss of appetite, nausea, vomiting and abdominal pain for duration of 10 days. She had a history of passing high - colored urine. Her liver function tests showed elevated serum bilirubin and liver enzymes.

1+1+4+4=10

- (a) What is the most probable etiological diagnosis ?
- (b) What are the other routes of transmission of this etiological agent ?
- (c) Describe the laboratory diagnosis of this etiological agent.
- (d) Describe the Prophylaxis of this etiological agent produced this clinical condition.

- 2 Write short notes on any **two** :

10

- (a) Cysticercosis.
- (b) Immunoprophylaxis of Rabies.
- (c) Opportunistic Mycoses.

SECTION – II

- 3** Write short notes on any **two** : **10**
- (a) Dermatophytoses.
 - (b) Bacteriophages.
 - (c) Laboratory diagnosis of Plasmodium falciparum.
- 4** Write answers in **2-3** sentences on any **five** : **10**
- (a) What is dimorphic fungus ? Give two examples of it.
 - (b) Give four differences between Amoebic Dysentery and Bacillary Dysentery.
 - (c) Name of two RNA and DNA viruses and Cancers produced by its.
 - (d) Give name of three parasitic infections in which man acts as intermediate host.
 - (e) What is germ tube ? Give example of it.
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