



PAE-0201721

Seat No. _____

Second Year M.B.B.S. Examination

July - 2020

Microbiology : Paper - II

(Virology, Parasitology, Mycology, Recent Advances)

Time : 2 Hours]

[Total Marks : 40

- Instructions :** (1) Figures on right indicate full Marks.
(2) Draw figures wherever necessary.
(3) Write Section-I and Section-II in separate answer sheet.

SECTION - I

- 1 A 29 years old female patient presented with yellowing of the skin and eyes, dark urine, extreme fatigue, nausea, vomiting and abdominal pain since 2 weeks. He has undergone blood transfusion 2 months ago during cesarean. On clinical examination icterus with mild hepatomegaly is found.
- (a) What is the most probable viral infection causing such clinical presentation? **2**
- (b) Describe laboratory diagnosis of clinical condition presented. **5**
- (c) Describe prophylaxis of clinical condition presented. **3**
- 2 Write short notes on : (any Two) **10**
- (a) Giardiasis.
- (b) Schistosoma haematobium.
- (c) Filariasis.

SECTION - II

- 3** Write short notes on : (any **Two**) **10**
- (a) *Candida albicans*.
 - (b) Dermatophytoses.
 - (c) Real time polymerase chain reaction (RT-PCR).
- 4** Write answers in 2-3 sentences : (any **Five**) **10**
- (a) Draw and label the diagram of egg of *Taenia*.
 - (b) Difference between definitive and intermediate host.
 - (c) Term TORCH used to denote.
 - (d) Enumerate four RNA Virus.
 - (e) Various colour coding use for Bio Medical Waste.
 - (f) Name 4 dimorphic fungi.
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