



JH-M201721

Seat No. _____

Second Year M. B. B. S. Examination

July - 2019

Microbiology : Paper - 2

(Virology, Mycology, Parasitology, 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 Applied question : 10

A 35 yrs. old male was admitted in casualty with complaint of severe abdominal pain. Patient gave H/O increased frequency of stool with passage of blood and mucus for last few days.

Answer the following questions :

- (a) What is the most probable parasitic cause of this clinical condition ? **1**
- (b) Name the Intestinal Parasites. **3**
- (c) How will you do laboratory diagnosis of clinical case presented above ? **6**

2 Write short notes on : (any two) 10

- (a) Antigens of HIV
- (b) Kala Azar
- (c) Candidiasis.

SECTION - II

- 3** Write short notes on : (any two) **10**
- (a) Life cycle of Plasmodium in Human.
 - (b) Clinical features of Herpes simple Infection.
 - (c) Newer guideline of Biomedical Waste Management.
- 4** Write answers in 2-3 sentences : (any five) **10**
- (a) Give 2 examples of Dermatophyte infection.
 - (b) Give 2 examples of Arbovirus infection causing Rash and Arthralgia.
 - (c) Name 2 parasites causing conjunctival infection.
 - (d) Name 2 primary cell line.
 - (e) Give 2 examples of Hospital acquired virus infection.
 - (f) Give 2 examples of Systemic Fungi.
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