



Madhya Pradesh Medical Science University, Jabalpur

MBBS 2nd Professional Examination 2017 (Summer)

Question Paper Code - 17AM0000100382

Microbiology - Paper-2

Maximum Marks : 32

Time : 2.30 Hours

Instructions:

- 1) All questions are compulsory
- 2) Draw diagrams wherever necessary for Question no. 2, 3 and 4
- 3) Answers of Questions and Sub questions must be written strictly according to the serial order of question paper, otherwise the question shall not be valued
- 4) Do not write anything on the blank portion of the question paper. If written anything, such type of act will be considered as an attempt to resort to unfair means.

2. Long Answer Question

2 X 5 = 10

- a. Enumerate four blood sucking arthropods which transmit parasitic infections. Briefly write about laboratory diagnosis of Kala azar.
- b. Define hypersensitivity. Enumerate various types of hypersensitivity reactions. Write in brief about systemic type of Type-I hypersensitivity reactions.

Q3 Write Short Notes

4 X 3 = 12

- a. Strategies of HIV testing.
- b. Hepatitis D virus
- c. Laboratory diagnosis of Cryptococcal meningitis
- d. Rhinosporidiosis

Q4 Write in Brief: -

10X 1 = 10

- a. Define Arboviruses. Give two examples
- b. Give two microscopic differences between Microsporium and Epidermophyton
- c. Define viviparous parasite and give one example
- d. Give two examples of humoral immunodeficiencies
- e. Tabulate two differences between T and B cells.
- f. What do you understand by cytopathic effects.
- g. Define dimorphic fungi. Give one example.
- h. Draw a well labeled diagram of trophozoite of Giardia lamblia
- i. Name two methods of detecting viral growth in tissue cell lines.
- j. Enumerate three important complications of Plasmodium falciparum infection.

