

**Madhya Pradesh Medical Science University,  
Jabalpur  
MBBS Second Professional Examination 2020  
Subject- Microbiology  
Paper- II**

Time: 3 Hours

Maximum Marks:50

- a) All questions are compulsory**
- b) Draw diagrams wherever necessary**
- c) Answers of Questions and Sub-questions must be written strictly according to serial order of question paper.**
- d) Do not write anything on the blank portion of question paper, if written anything such type of act will be considered as an attempt to resort to unfair means**

**Q1. Long Answer questions 2 X 10 = 20**

- a) Enumerate the opportunistic infections in AIDS. Add a note on laboratory diagnosis of HIV infections.
- b) Classify tissue nematodes Describe in brief pathogenesis and laboratory diagnosis of Bancroftian filariasis.

**Q2. Short Answer Questions 4 X 5= 20**

- a) Monoclonal antibodies.
  - b) Novel Corona virus.
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c) Laboratory diagnoses of Dermatophytosis.

d) Cryptosporidiosis.

### **Q3. Very Short Answer Questions 1 X 10= 10**

a) What is Cassoni's test? Mention the infections in which it is carried out.

b) Define inclusion bodies. Give its one example.

c) Name four determinants of Antigenicity.

d) Enumerate two dimorphic fungi and the diseases produced by them.

e) Enumerate two organisms causing Mycetoma.

f) Enumerate two parasite causing CNS infection.

g) Define super antigen? Give one example of it.

h) Mention two infections caused by Epstein - Barr Virus.

i) Name four Arboviral infections prevalent in India.

j) Give two examples of Agglutination tests.

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