

**Madhya Pradesh Medical Science University,
Jabalpur
MBBS Second Professional Examination 2019
(September)
Subject- Microbiology
Paper- II**

Maximum Marks:50

Time: 3:00 Hours

- 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 – 20 MARKS

- a) Classify different Hepatitis viruses Write Laboratory diagnosis & Prophylaxis of infections caused by Hepatitis B virus. 10
- b) Describe the morphology. Life cycle & Laboratory diagnosis of Echinococcus granulosus. 10

Q2. Short Answer Questions – 20 MARKS

- ~~c) Write in short about Laboratory diagnosis of Amoebic~~

infection. 5

- d) Classify Candida species Write a note on Candidiasis 5
- e) Short note on Prophylaxis against poliomyelitis. 5
- f) Principle & Application of ELISA in clinical microbiology. 5

Q3. Very Short Answer Questions – 10 MARKS

- a) Make a well labelled diagram to show structure of Giardia Lamblia. 1
- b) Enumerate complication of Falciparum malaria. 1
- c) What factors help in eradication of small pox. 1
- d) What is inclusion bodies? Give any 2 examples. 1
- e) Enumerate the disease caused by Cytomegalovirus. 1
- f) Enumerate the virus which produce eye infections. 1
- g) Name 4 intestinal Nematodes. 1
- h) What is the difference between aerial & vegetative hyphae. 1
- i) Draw a well labelled diagram of Ig G Immunoglobulin. 1
- j) Name the causative organism of Chicago disease & Farmer's Lung diseases. 1
