

**Madhya Pradesh Medical Science University, Jabalpur****MBBS 2nd Professional Examination 2018****Paper Code:- 18BM0000100382****Subject: Microbiology Paper -II****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.

Time : 2.30 Hours**Maximum Marks : 32****Q. 2. Long Answer Question****2 X 5 = 10**

- a. Complication of *P. falciparum* infection.
- b. Agglutination reactions

Q3 Short Answer Question**4 X 3 = 12**

- a. Laboratory diagnosis of Kala Azar.
- b. Laboratory diagnosis of HIV/AIDS
- c. Mycetoma
- d. Bacteriophage

Q4 Very Short Answer Question**10X 1 = 10**

- a. Complications of roundworm infection
- b. Characteristics of HSV-2
- c. Resistance of polio virus
- d. Antigenic shift and drift
- e. Pathogenesis of hepatitis E virus
- f. Natural killer cell
- g. Secondary immune response
- h. 2 tests for detection of cell mediated immunity (CMI)
- i. Wiskott-Aldrich syndrome
- j. Prions

