

2021

**Multi Skilled Health worker [B.Voc]
(B.Sc. Third Semester End Examination-2021)**

PAPER-MSHW301T

Full Marks: 40

Time: 02 Hrs

*The figures in the right hand margin indicate marks
Candidates are required to give their answers in their own words as
far as practicable
Illustrate the answers wherever necessary*

(Medical Microbiology and Immunology)

Group-A

- 1. Answer any five questions of the following: 5x2= 10**
- a. Write the function of bacterial capsule.
 - b. Define adjuvant with suitable example.
 - c. Write any two characters of bacteria.
 - d. Write the difference between algae and fungi.
 - e. Write the causative agent of measles and rubella.
 - f. What are viroids and prions?
 - g. What do you mean by humoral immunity?
 - h. What is influenza? Write any two symptoms.

(2)

Group-B

2. Answer any four questions of the following: **5x4 = 20**
- a. What is 'SIV'. Classify the 'SIV' and briefly describe each type. 1+4
 - b. Write the complications and risk factors of COVID – 19. 5
 - c. What type of disease occur by housefly. Write the different measures to control the housefly. 1+4
 - d. What is filariasis? Write the life cycle of the Cousetive agent of filariasis. 1+4
 - e. Write the structural peceeliarities at immunoglobulinA and immunoglobutin M. $2\frac{1}{2} + 2\frac{1}{2}$
 - f. Draw the bacterial growth curve and signify each phase of growth curve. 3+2

Group –C

3. Answer any one question of the following: **10x1 = 10**
- a. Write the primary and secondary response of immunization. What is booster dose. Write in brief on 'Hasimoto disease'. 4+2+4
 - b. What is selective and differential media? Give example. Write the importance of complement system in immunity development. 5+5
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