

**2021**

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

**PAPER-MSHW302T**

**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*

***(Clinical Pathology & Serology)***

**Group-A**

- 1. Answer any five questions of the following: 5x2= 10**
- a. What is the average pH of normal urine? What is its range?  
1+1
  - b. Fixed specific gravity (1.010) of urin is found in which disease.
  - c. Write any two causes of proteinuria.
  - d. Write any two demarits of 'Benedict's test' to determine glucose in urine.
  - e. Which types of parasites can be found in urine sample?
  - f. What is the normal value of spirm count in semen?
  - g. Write any two conditions when increased lymphocytes count is notes in CSF.

(2)

h. What is RA test?

**Group-B**

2. Answer any four questions of the following: **5x4 = 20**
- a. Write down the most common parasites found in stool. 5
  - b. Describe the Fouchet's test to determine bile pigment in urine. 5
  - c. What is occult blood. How it can be determined in blood.  
1+4
  - d. What is mautoux test and how it can be conducted? 2+3
  - e. What are physiological jaundice & hepatic jaundice? In hepatic jaundice, which type of bilirubin is high? 2+2+1
  - f. What is mobility test of sperm? How it can be detected?  
1+4

**Group -C**

3. Answer any one questions of the following: **10x1 = 10**
- a. What is Bence-Jones Protein? How it can be detected?  
What is GTT? How it can be performed (2+3)+(1+4)
  - b. What is 'Bence-Jones Protein? How it can be detected? Write down the names of liver enzymes panel. Mention their significance in the laboratory diagnosis. (1+4)+(2+3)
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