

2021

BMLT

(B.Sc. Third Semester End Examination-2021)

PAPER-XVII (Theory)

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

SEROLOGY

Group-A

- 1. Answer any five questions of the following: 5x2= 10**
- a. Write the difference between Rheumatoid Arthritis & Osteoarthritis
 - b. What is PEP in ART?
 - c. Why RPR is preferred over VDRL?
 - d. Write the full form of STS and TORCH
 - e. Write the principle of sandwich ELISA.
 - f. Write the principle of 'Dark Ground Illumination' system.
 - g. How can you collect urine for cultures & sensitivity test?
 - h. Name some suggestive organisms found in CSF in different pathological conditions.

(2)

Group-B

- 2. Answer any four questions of the following: 4x5 = 20**
- a) Write down the mode of infection of enteric fever pathogen to human. 5
 - b) Give a chart for the Lab. Diagnosis of different types of syphilis. 5
 - c) Write short notes on MAIT and flocculation test. $2\frac{1}{2} + 2\frac{1}{2}$
 - d) Write the mode of infection of AIDs causing microorganism to human. 5
 - e) Write down about promastigote structure of L.donovani. 5
 - f) What are the clinicopathological feature noted in joints by RA infection? 5

Group -C

- 3. Answer any one question of the following: 10x1 = 10**
- a. i) Write the principle of Mantoux test.
 - ii) Write a brief note of the procedure of Mantoux test.
 - iii) How can you interpret of the finding of this test. 3+5+2
 - b. i) Write the process of throat swap collection in Laboratory.
 - ii) Write a short note on CSF collection.
 - iii) What do you mean by biological false positive of RPR test? 4+4+2