

S.NO: 22N1- UBI

Course Code: BBE3

A.D.M.COLLEGE FOR WOMEN, NAGAPATTINAM

(AUTONOMOUS)

B.Sc (Biochemistry) Degree Examination

V Semester – November – 2022

MBE I – MEDICAL LAB TECHNIQUES

Time: 3 hours

Maximum Marks: 75

Section –A

10X2=20

Answer **ALL** the Questions

1. What is medical laboratory science?
2. List out any four laboratory equipments.
3. Define Synthetic Media.
4. What are the methods used to collect the blood sample?
5. Define Haemoglobin.
6. What test is used to assess clotting time for bleeding?
7. How can measure cholesterol levels in blood?
8. What causes high bilirubin level in blood?
9. What is the normal range for alkaline phosphatase (ALP)in blood?
10. Define Syphilis.

Section -B

5X5=25

Answer **ALL** the Questions

11. a) List out any five safety measures used in Laboratory.

(or)

b) Summarize any five instruments used in Laboratory.

12. a) Describe about Antibiotic susceptibility testing.

(or)

b) Write about principle of any two Specimen collection.

13. a) Explain about differentiation of blood cells from stem cell and write about RBC.

(or)

b) Examine Haemoglobin level in blood by Sahli's/acid hematin Method.

14. a) Distinguish Albumin from Globulin.

(or)

b) Describe about LDL Cholesterol.

15. a) Explain HIV tests.

(or)

b) Analyse muscle condition by CK (creatine kinase) test.

Section -C

3 X 10 = 30

Answer any **THREE** Questions

16. Write about any three equipments used and three safety measures followed in laboratory.
17. List out any two types of Media used for Inoculation.
18. Distinguish WBC from RBC.
19. Describe about Cholesterol.
20. Explain the assessment of liver functions with the help of marker enzymes.

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