

D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE – 1**SEMESTER EXAMINATIONS****APRIL – 2019****15CZO6D****ELECTIVE III : MEDICAL LABORATORY TECHNOLOGY****Time: 3 Hrs****Max. Marks: 75****SECTION – A (10 X 2 =20)****Answer ALL the questions.****Define / Explain the following.**

1. First aid.
2. Sterilization.
3. Erythrocytes.
4. Clotting time.
5. Universal donor.
6. Rh factor.
7. AIDS.
8. Amoebiasis.
9. Polyuria.
10. Cerebrospinal fluid.

SECTION – B (5 X 5 =25)**Answer any FIVE of the following questions.**

11. Write a brief note on the methods of sterilization.
12. Give a brief account on sphygmomanometer and its uses.
13. Explain the collection methods of Blood samples.
14. Write short notes on blood coagulation.
15. Discuss about the ABO blood group.
16. Comment on Tuberculosis.
17. Write short notes on Measles.
18. Write about the microscopic examination of sputum.

SECTION – C (3 X 10 =30)**Answer ALL the questions.**

19. a) Write a detailed account on Electro Cardio Gram (ECG).

(Or)

- b) Discuss the principles of Spectrophotometer and its application.

20. a) Write down the procedure for RBC counting.

(Or)

- b) Explain the basic principles of Blood transfusion.

21. a) Write about the causative organism, symptom and control measures of filariasis.

(Or)

- b) Explain about the estimation of blood sugar level.