



SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES & TECHNOLOGY

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NOTICE

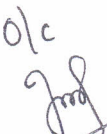
The extract of the syllabus for written test for selection to the post of **Scientific Assistant (Blood Bank)** is notified for the information of all concerned.

1. Immunohaematology ✓
2. ABO blood group system ✓
3. Rh blood group system ✓
4. Blood collection, adverse donor reactions and donor care ✓
5. Preservation and storage of blood. ✓
6. Blood component preparation and storage ✓
7. Transfusion transmitted infections ✓
8. Antiglobulin testing ✓
9. Antibody screening and identification ✓
10. Compatibility testing ✓
11. Transfusion practice in clinical practice ✓
12. Blood Transfusion reactions ✓
13. Hemolytic disease of the new born ✓
14. Auto immune hemolytic anemia ✓
15. Autologous transfusion ✓
16. Reagents used in Transfusion Medicine ✓
17. Quality control measures in Transfusion Medicine ✓
18. Hemoglobin testing ✓
19. Blood collection and processing ✓
20. ABO grouping, (Cell and serum grouping), sub groups of ABO and discrepancy ✓
21. Rh typing, Du testing ✓
22. Preparation, storage and use of different cellular and plasma components ✓
23. Antiglobulin testing, application of AHG and sources of error ✓
24. Antibody screening and identification ✓
25. TTI screening, Virology, serology and lab detection of HIV, HBV, HCV testing for Syphilis and Malaria ✓
26. Compatibility testing and transfusion practice in special situations. ✓
27. Transfusion in HDN and AIHA ✓
28. Preparation of reagent cells ✓
29. Rh genotyping ✓
30. Quality control of reagents and equipments ✓
31. Quality control of blood products ✓
32. Autologous blood collection and transfusion ✓
33. Adverse effects of blood transfusion and investigation of transfusion reactions. ✓
34. Saliva testing for secretor status ✓
35. Coomb's titration ✓
36. Cell panel preparation ✓
37. Small volume therapeutic plasma exchange ✓
38. Preparation of copper sulphate solution ✓
39. Preparation of papain and method of papanising cells ✓
40. Frozen storage of blood samples and its recovery ✓
41. Component preparation by Apheresis method ✓
42. Adsorption and Elution techniques ✓


ADMINISTRATIVE OFFICER GR.I

To

Notice Board (Hospital/AMC)


19/07/11