MIDNAPORE CITY COLLEGE
ESTD 2017
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2024

2nd Semester Examination

(Medical Laboratory Total Quality Management)

Paper : BMLT GE 2.2-T

Full Marks : 80 Time : Three Hours

The figures in the margin indicate full marks.
Candidates are required to give their answers in their own words as far as practicable.

Group - A

Answer any ***ten*** questions. 2×10=20

1. Define accountability.
2. What do you mean by direct and indirect customer of a medical laboratory?
3. Who accredits GLP in India and how frequent it is to be done?
4. What is meant by external quality control?
5. Briefly mention safety checklist of phlebotomy procedure.
6. What is consent in medical laboratory?

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7. What do you mean by reproducible result?
8. What is true value?
9. What is validation of method?
10. What is the importance of accreditation of clinical laboratories?
11. What is meant by turnaround-time?
12. What is the application of control serum in quality control?
13. How do you calibrate micropippette?
14. What is intra assay variation?
15. What is meant by leadership?

Group - B

Answer any ***six*** questions. 5×6=30

16. Give a model of cusum chart with interpretation and application.
17. Discuss briefly about confidentiality and patients safety.
18. What are the rights of a patient in a diagnostic laboratory?
19. Discuss about safety precaution in HIV laboratory.
20. Discuss about different types of external quality control.

21. Write notes on clinical laboratory accreditation organizations of India and abroad.
22. Briefly discuss about foundation of TQM.
23. Write a short note on 5Q Network.

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Group - C

Answer any ***three*** questions. 10×3=30

24. Discuss about cooperation and working relationship between the health professionals. How do you assess good reliable and authentic report? Discuss about different groups of team for maintaining quality control. 3½+3½+3
25. What are the aims of GLP? Elaborate the thumb rules of Levey-Jennings Plot. Discuss briefly about safe transportation and preservation of patients sample. How do bar coding is helpful in patient identification and sample collection? 2+2+4+2
26. Discuss about the different types of errors and its assessment. 5+5
27. Discuss the WHO guideline of quality control and analysis.
28. Discuss briefly about the rules of Westgard.

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