

2026

6th Semester Examination (CCFUP : NEP)

BMLT

Paper : MJ 12-T

(Single Core Major)



[Computer Application and Health informatics]

Full Marks : 40

Time : Two 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 *five* questions : $2 \times 5 = 10$

- ~~1.~~ Write down two examples of input devices.
- ~~2.~~ What is application software? Give two examples.
- ~~3.~~ State two uses of MS Excel in Medical laboratories.
- ~~4.~~ Define hardware with two examples.
5. Name two multimedia tools used in laboratory.
- ~~6.~~ State any two components of Health Information System.
7. What is disease surveillance?

P.T.O.

8. What are the secondary sources of health data?

Group - B

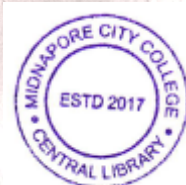
Answer any *four* questions : $5 \times 4 = 20$

- ✓9. Write a short note on Electronic Health Records (EHR).
- ✓10. Discuss the importance of cybersecurity and data privacy in healthcare computer systems.
11. Differentiate between Compiler and Interpreter.
- ✓12. (i) $(DA4)_{16} = (?)_8$
(ii) $(10\bar{1}1\bar{1}1\bar{1}10)_2 = (?)_8$
- ✓13. Write the importance of health statistics in healthcare management.
- ✓14. Write the full forms of the following :
 - (a) CPU
 - (b) RAM
 - (c) ROM
 - (d) URL
 - (e) USB

Group - C

Answer any *one* question : $10 \times 1 = 10$

- ✓15. Describe the role of computer applications in storing, managing and presenting data in pathological laboratories.



16. Describe the role of Health Information Systems in planning, monitoring, evaluation and decision-making in healthcare organizations.

