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Reg. No.....

Name.....

M.Sc. (MEDICAL DOCUMENTATION) DEGREE EXAMINATION, JULY 2026

Second Semester

COMPUTER FUNDAMENTALS

(2025 Admission - Regular / 2022-24 Admissions - Supplementary /
2021 Admission - First Mercy Chance / 2020 Admission - Second Mercy Chance /
2019 Admission - Third Mercy Chance)

Time : Three Hours

Maximum Marks : 75

I. Answer the following questions :

- 1 What is a RAM ? What are its functions ?
- 2 Why do we say that computers are versatile ?
- 3 What do you understand by the term volatile memory ?
- 4 Distinguish between hardware and software.
- 5 Do we need an Operating System in a computer that is used for medical documentation? Why ?
- 6 What is flash memory ? What are its benefits ?
- 7 Define 'Document Imaging' in the context of medical documentation.
- 8 What does a computer language do ? Give an example of a computer language.
- 9 What is Word Processing ? Name any two software used for word processing.
- 10 What are the uses of MS Excel ?

(10 × 2 = 20)

II. Answer the following questions :

- 1 Compare and contrast the main differences between the first two generations of computers.
- 2 What are the functions of Control Unit, within a CPU ?
- 3 Distinguish between application software and system software.
- 4 Explain the differences between primary and secondary storage devices in a computer system.
- 5 Give an algorithm to compute the average of five numbers.

(5 × 5 = 25)





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III. Answer any *three* questions :

- 1 What are the fundamental characteristics of computers ? Provide a detailed explanation of each of them. Also discuss how each of these characteristics contributes to the overall functionality and efficiency of computer systems.

Or

2. Discuss the major hardware components of a computer system, based on its block diagram. Explain the functions of each component.
3. Distinguish between low level and high level languages. Give examples and applications of each.

Or

4. Explain the concept of networking computers. How is networking computers useful in medical documentation

?

- 5 What are flow charts ? How do they help in program development ? Explain with an example.

Or

- 6 Discuss how the various applications in MS Office can be helpful in medical documentation.

(3 × 10 = 30)

