

Mid-West University
Examinations Management Office

End Semester Examination 2081

Bachelor level/ B. Sc. (CSIT)/ 1st Semester

Time: 3 hours

Subject: Fundamental of Computer (COM411)

Full Marks: 60

Pass Marks: 30

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

Group A

Very short answer questions (attempt all)

[8x2 = 16]

1. Define user interface.
2. Mention importance of memory hierarchy in computer system.
3. List out the roles of operating system.
4. What is the use of spreadsheet?
5. How does satellite work?
6. What are the differences between Internet and Intranet?
7. Explain ER diagram with an example.
8. List out the various application area of computer.

Group B

Short answer questions (attempt any five)

[5x4 = 20]

9. Explain different types of computer architecture with appropriate diagram.
10. Differentiate between system software and application software with example.
11. Define data warehouse. How is it different from databases?
12. Explain various types of guided communication media.
13. Explain various types of computer network with appropriate diagram.
14. Write short notes on the following:
 - a. RAM
 - b. Distributed System

Group C

Long answer questions (attempt any three)

[3x8 = 24]

15. What do you mean by resolution? Explain various types of output devices.
16. What does programmer do? Explain various types of programming languages with example.
17. Define data processing. Suppose you are required to visualize earthquake affected area in Jajarkot, explain the data processing steps in such scenario.
18. What do you mean by E-Commerce? Explain various types of E-Commerce models.

The End