

Mid-West University
Examinations Management Office
End Semester Examinations 2081

Bachelor level/ B. Sc./ CSIT 5th Semester
Time: 3 hours
Subject: System Analysis and Design (COM452)

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* the questions.

[8x2 = 16]

1. Explain documentation in system development and implementation?
2. What do you mean by value chain analysis in SDC?
3. What do you mean by attribute?
4. Differentiate between unit testing and system testing.
5. What is the role of coordinator in planning?
6. Define ER diagram.
7. What is strategic plan?
8. Define natural language interaction.

Group B

Short answer questions. Attempt *any five* questions.

[5x4 = 20]

9. Why waterfall model is not always suitable? Explain its disadvantages.
10. What is done in the training and support stage of implementation? Explain various type of maintenance.
11. Do you think interview is good way to determine requirement? Justify your answer with appropriate example.
12. Explain various methods of interaction in system design.
13. State and explain supertype and subtype with example.
14. Write short note on the following:
 - a. Agile methodology
 - b. ERP

Group C

Long answer questions. Attempt *any three* questions.

[3x8 = 24]

15. Explain project management? Explain the importance of mission statement and objective statement to be a successful organization.
16. Define DFD. State and explain various DFD rules with appropriate illustration.
17. State and explain different form of normalization with appropriate example. Also illustrate its importance.
18. State and explain different feasibility factors to be considered in project planning.

The End