

Mid-West University
Examinations Management Office
Surkhet, Nepal
End Semester Examinations -2078

Bachelor level/ B.Sc CSIT /5th Semester

Time: 3 hrs

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 questions)

[8 x 2 = 16]

1. What is central repository in CASE tool?
2. Define inception in terms of OOAP development techniques.
3. Explain method of interaction in system design.
4. What is SDLC?
5. What do you mean by schedule feasibility?
6. Give an example of open-ended question.
7. What is done in unit testing?
8. Mention the major tasks done in maintenance phase.

GROUP “B”

Short answer questions (Attempt any five questions)

[5 x 4 = 20]

9. What is done in execution phase of project management? Explain.
10. Explain task responsibility matrix with appropriate example.
11. Explain Agile methodologies and eXtreme programming.
12. What is data flow diagram? Mention data flow diagramming rules.
13. Explain the activities done in identifying phase of project development.
14. Explain how forms and reports are designed with appropriate example.

GROUP “C”

Long answer questions (attempt any three questions)

[3 x 8 = 24]

15. Why normalization is required in database management system? Explain 1NF, 2NF and 3NF with example.
16. Explain major activities done in system implementation phase.
17. State and explain contemporary methods for determining system requirements with appropriate example.
18. What are the different methods of interacting in a system? Explain with appropriate example.

THE END