Tribhuvan University

Faculty of Humanities & Social Sciences
OFFICE OF THE DEAN
2020

Bachelor in Computer Applications
Course Title: System Analysis and Design
Code No: CACS 203
Semester: III

Full Marks: 60
Pass Marks: 24
Time: 3 hours

Candidates are required to answer the questions in their own words as far as possible.

Group B

Attempt any SIX questions.   [6×5 = 30]

2. What is system? What are the phases of SDLC? Explain briefly.   [1+4]

3. What do you mean by planning? Write the process of planning for Information System Development Project.   [1+4]

4. Define process modeling. Explain DFD with example.   [1+4]

5. List and explain the skills and responsibilities of project manager.   [2.5+2.5]

6. Explain the guidelines to design in an interface and dialogue box for e-commerce system.   [5]

7. Differentiate between system and user documentation with their applications.   [5]

8. Define software testing. Explain software quality assurance activities.   [1+4]

Group C

Attempt any TWO questions.   [2×10 = 20]

9. What are the major differences between Agile methodologies and waterfall model? Why should you use agile methodologies? Explain.   [5+5]

10. How can you transform ER Diagram into relation? Explain with your own suitable example. [10]

11. Why is the project management important? Describe the concept of integrated CASE tools with its applications.   [3+7]