



**Tribhuvan University**  
**Faculty of Humanities & Social Sciences**  
**OFFICE OF THE DEAN**  
**2023**

**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**  
**Batch: 2021**

**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. Define information system. Explain different types of information system. [2+3]
3. What is meant by baseline project plan? Explain major parts of baseline project plan. [1+4]
4. Explain various interactive methods with example of each. [5]
5. Define system testing. Write and explain types of system tests. [1+4]
6. "Documentation play vital role in system development and review" Justify this statement. [5]
7. Why system maintenance is important? Explain different types of maintenance. [2+3]
8. What is normalization? Explain the major objectives of database design. [2+3]

**Group C**

**Attempt any TWO questions.**

**[2×10= 20]**

9. Define DFD. Write rules to draw a DFD. Draw a DFD upto level 1 for library management system. [3+3+4]
10. a) Write guidelines to design a forms and reports. [5]  
b) Explain types of system implementation. [5]
11. What is system requirement analysis? Write and explain different types for determining system requirements. [3+7]

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