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Total No. of Pages : 02

Total No. of Questions : 07

B.Sc. (IT) (Sem.-3)
SOFTWARE ENGINEERING
Subject Code : UGCA-1921
M.Code : 78337
Date of Examination : 18-05-2023

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains SIX questions carrying TEN marks each and students have to attempt any FOUR questions.

SECTION-A

1. Write briefly :
 - a) What is waterfall model in SDLC?
 - b) Define software Project Management.
 - c) What is Data Flow Diagram?
 - d) What is unified process?
 - e) What is the role of data dictionary?
 - f) Explain system testing.
 - g) Define Verification.
 - h) How can you gather requirements?
 - i) What is Coupling?
 - j) Define maintenance.

SECTION-B

2. What are the components of software Engineering? Write its various activities in each phase.
3. What is the cost estimation of project? Discuss any model used for cost estimation.
4. Explain the software Engineering design. What is the importance of Architecture design?
5. What is test case design in software engineering? Write the meaning of Unit Testing.
6. Give the introduction of Software reengineering. How it is used in software system?
7. Discuss object oriented design in software engineering.

NOTE : Disclosure of Identity by writing Mobile No. or Marking of passing request on any paper of Answer Sheet will lead to UMC against the Student.