

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Voc. (WT & M) (Sem.-4)
SOFTWARE ENGINEERING
Subject Code : BVWM-204-19
M.Code : 79512
Date of Examination : 20-12-2022

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 **FIVE** questions carrying **FIVE** marks each and students have to attempt any **FOUR** questions.
3. SECTION-C contains **THREE** questions carrying **TEN** marks each and students have to attempt any **TWO** questions.

SECTION-A

1) Write briefly :

- a) What is the prime objective of software engineering?
- b) Define System Modeling.
- c) What are the advantages of incremental model?
- d) What is meant by feasibility study?
- e) Define Coupling.
- f) What is risk management?
- g) What is the difference between verification and validation?
- h) What is the role of data dictionary?
- i) What are the elements of design model?
- j) What is cyclomatic complexity?

SECTION-B

- 2) Identify in which phase of the software life cycle the following documents are delivered.
 - a) Architectural design
 - b) Test plan
 - c) Cost estimate
 - d) Source code document.
- 3) Differentiate functional and non-functional requirements.
- 4) What are the various metrics for Testing and Maintenance?
- 5) Write a note on Software Cost Estimation.
- 6) Describe the primary difference between Structured analysis and Object-Oriented analysis.

SECTION-C

- 7) What do you mean by Software Design? Explain different approaches of Software Design.
- 8) What are the various testing strategies to software testing? Discuss them briefly.
- 9) Explain a typical SRS structure and its parts.

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