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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 : 13-07-22**

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) Define software engineering paradigm.
- b) What do you mean by '*spiral model*'?
- c) What is meant by '*requirement validation*'?
- d) What is SRS document?
- e) Define Cohesion.
- f) What is risk assessment?
- g) Define Data dictionary.
- h) What are the different levels of abstraction?
- i) What are the objectives of testing?
- j) What are the roles of cyclomatic complexity value in software testing?

## **SECTION-B**

2. Discuss the role of System Analyst.
3. Differentiate between Function Oriented Design and Object-oriented Design.
4. What is feasibility study? Does it have either implicit or explicit effects on software requirement collection?
5. Differentiate between Decision Tree and Decision Tables.
6. Differentiate between Integration and System testing.

## **SECTION-C**

7. What are the characteristics of a good software design? Also, discuss some features of a good design document.
8. What is SRS in software engineering? What are the characteristics of SRS document?
9. Discuss in detail, how software cost estimation is done?

**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.**