Roll No. ☐☐☐☐☐☐☐☐☐☐☐☐☐ Total No. of Pages : 02

Total No. of Questions : 09

B.Voc. (E & IT)   (Sem.–3)
SOFTWARE ENGINEERING
Subject Code : BVET301-20
M.Code : 90723
Date of Examination : 12-12-22

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) What are the parts of a system?

b) What are dynamic systems?

c) What is the outcome of the system analysis phase? What does it contains?

d) Name the phases in the system development life cycle.

e) Name the types of feasibility.

f) What is preliminary investigation?

g) What do you understand by the operational feasibility?

h) What is the main difference between preliminary investigation and the feasibility study?

i) Show the symbols used in a DFD.

j) Name various fact finding techniques.

SECTION-B

2. Discuss the primary characteristics of open systems. In what way is a system entropic?

3. What is system development Life Cycle? How is it related to system analysis?

4. Distinguish between preliminary survey and the feasibility study. How are the two related?

5. What are the important considerations while drawing a data dictionary? Explain.

6. What are the characteristics of a system?

SECTION-C

7. **Distinguish between :**

    a) Interaction and Independence

    b) Physical and Abstract Systems

    c) Open and Closed Systems

    d) Static and Dynamic Systems.

8. What are the fact finding techniques are used for investigating the information requirements in a large organization?

9. Describe the concept and the procedure used in drawing a DFD? Explain with an illustrative example.

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.