

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Tech. (SE) (Sem.-6)
ADVANCED SOFTWARE ENGINEERING

Subject Code : SE-603-19

M.Code : 92027

Date of Examination : 14-07-22

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) What is clean room software engineering?
- b) Define service as reusable component.
- c) Express building blocks for CASE.
- d) What is reengineering?
- e) What is CBSE?
- f) Define web engineering.
- g) Need of software development with service.
- h) Define coupling.
- i) Explain Z notation for software development process.
- j) What is agile software development?

SECTION-B

2. What is client server software engineering? Explain the role of client server software engineering with the help of an example.
3. What are the differences and similarities between black box and white box testing?
4. Differentiate between validation and verification.
5. Explain with the help of suitable example selection of appropriate development process.
6. What are project management tools? Explain the role of project management tools with the help of an example.

SECTION-C

7. What is CASE? What are various CASE tools? Explain with the help of suitable example.
8. Discuss the steps needed on CBSE Process.
9.
 - a) Explain with the help of suitable example the role of SRS.
 - b) Differentiate between quality assurance and quality control.

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.