Seat No.:

MARCH - 2022 (Summer session) Examination

Subject Code: 83382

(विध्यार्थ्यानी ह्या विषय कोड OMR वर लिहावा / Student should fill this code on OMR sheet)

Subject Name: Bachelor of Computer Application_83382_83382/84646 - Software Engineering _02.08.2022_1.00 PM

Date: 02-08-2022

Time: 13:00:00 to 14:00:00

QP Code: 9381QP

(B.C.A. II, Sem - IV)

Total Marks : 50 Each Question 2 Marks, Total 25 Ques, Duration 1 Hr

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1. What is software?

a. Set of program

b. Set of programs, documentation and configuration of data

c. Documentation and configuration of data

d. Set of commands

2. Software engineering is _____

a. Designing software

b. Programming

c. Applications of engineering principles to design a software

d. Testing a software

3. _____ is the process in which developers discuss with the client and end users and know

a. Documentation

b. Organizing requirements

c. Requirement gathering

d. Negotiation and discussion

4. Which is/are the developer specific requirements?

a. Maintainability

b. Portability

c. Availability

d. Portability and availability

5. ____ symbol represent relationship sets in an ER diagram.

a. Rectangle

b. Diamond

c. Lines

d. Elipse

6. A relational database system needs to maintain data about the relations, such as the schema of he relations called_____

a. Catalog

b. Metadata

c. Log

d. Dictionary

7. Decision table testing is a _____

a. White box testing

b. Unit testing

c. Black box testing

d. Integration testing

8. ____ is incorrect testing technique

a. System testing

b. Unit testing

c. Collaboration testing   d. Integration testing

9. _____is graphical notation used to describe the data flow between various processes of a system

a. Entity Relation Diagram   b. Data Flow Diagram

c. Decision tree   d. HIPO chart

10. Software testing often referred to as_____

a. Verification   b. Validation

c. Verification and validation   d. None of these

11. _____is part of user system requirements document.

a. SSD   b. DFD

c. ERD   d. SRS

12. _____is the most important stakeholder.

a. Top level manager   b. Entity level persons

c. Users of the software   d. Managers

13. _____is the process to gather the software requirements from client, analyze and document them

a. Requirement gathering   b. Feasibility study

c. Documentation   d. Requirement engineering

14. Which are two dimensions in spiral model ?

a. Radial, Angular   b. Diagonal, Perpendicular

c. Diagonal, Angular   d. Radial, Perpendicular

15. In the spiral model a risk analysis is performed at_____

a. Second loop   b. First loop

c. Every loop   d. Third loop

16. The system is developed in a series of _____releases using spiral model

a. Decremented   b. Enhanced

c. Incremntal   d. Both incremental and decremental

17. The number of entities to which another entity can be related through a relationship set is called_____

a. Entity   b. Cardinality

c. Schema   d. Attribute

18. Which is the multi-valued attribute?

a. Phone number   b. Name

c. Date of birth   d. Gender

19. In SDLC actual programming of software code is done at phase____

a. Design   b. Analysis

c. Development and documentation   d. Maintenance

20. What is software debugging?

a. Creating program code   b. Identifying the tasks to be computerized

c. Finding and correcting errors in the program code   d. Creating algorithm

21. System is _____

a. Combination of input and output   b. A collection of people, machines and methods organized to accomplish a set of functions

c. Activities performed by the people   d. None of these

22. After successful deployment of the system at the clients end it is compulsory to____time to time

a. Analyze   b. Design

c. Testing   d. Maintain

23. HIPO stands for _____

a. Hierarchical Input Process Output   b. Hierarchical Input Process

c. High Input Process Output   d. Hierarchical Input Program Output

24. When to proceed for white box testing

a. After SRS   b. After designing phase

c. After coding phase   d. After installation phase

25. ____identifies, verifies and documents that corrections have been made in software.

a. Project team   b. SQA group

c. Project manager   d. Developer