SE-mcq

software testing (Government Polytechnic, Nagpur)

CTH EDUCATION

Unit – 01: Introduction to Software Engineering MCQ

1. **Software is defined as _____**
   a) set of programs, documentation & configuration of data
   b) set of programs
   c) documentation and configuration of data
   d) None of the mentioned
   Answer: a

2. **What is Software Engineering?**
   a) Designing a software
   b) Testing a software
   c) Application of engineering principles to the design a software
   d) None of the above
   Answer: c

3. **Who is the father of Software Engineering?**
   a) Margaret Hamilton
   b) Watts S. Humphrey
   c) Alan Turing
   d) Boris Beizer
   Answer: b

4. **What are the features of Software Code?**
   a) Simplicity
   b) Accessibility
   c) Modularity
   d) All of the above
   Answer: c

5. **During software development which factor is most crucial?**
   a) People
   b) Process
   c) Product
   d) Project
   Answer: A

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6. **Software is a _____**
   a) Superset of programs
   b) Subset of programs
   c) Set of programs
   d) None of the above
   Answer: A

7. **Software consists of _____**
   a) Set of instruction + Operating system
   b) Program + Documentation + Operating procedures
   c) Programs + Hardware manuals
   d) Set of programs
   Answer: B

8. **Program is a _____**
   a) Subset of software
   b) Superset of software
   c) Software
   d) None of the above
   Answer: A

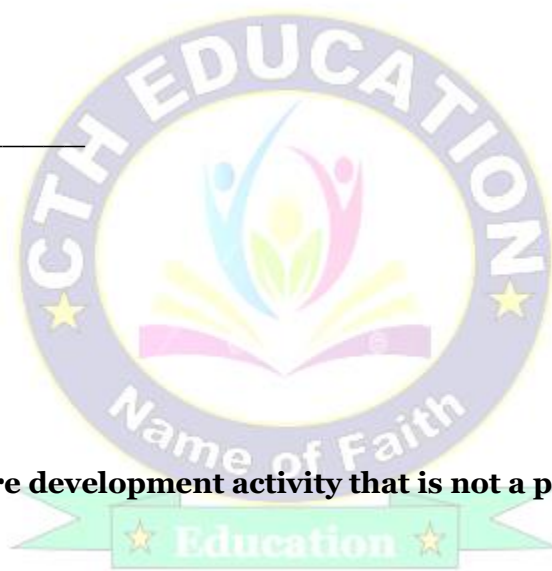9. **_____ is a software development activity that is not a part of software processes.**
   a) Validation
   b) Specification
   c) Development
   d) Dependence
   Answer: d

10. **CASE stands for**
    a) Computer-Aided Software Engineering
    b) Control Aided Science and Engineering
    c) Cost Aided System Experiments
    d) None of the mentioned
    Answer: a

11. _____ is defined as the process of generating analysis and designing documents?

a) Re-engineering

b) Reverse engineering

c) Software re-engineering

d) Science and engineering

Answer: b

12. Attributes of good software is _____

a) Development

b) Maintainability & functionality

c) Functionality

d) Maintainability

Answer: b

13. What does SDLC stands for?

a) System Design Life Cycle

b) Software Design Life Cycle

c) Software Development Life Cycle

d) System Development Life cycle

Answer: c

14. Who proposed the spiral model?
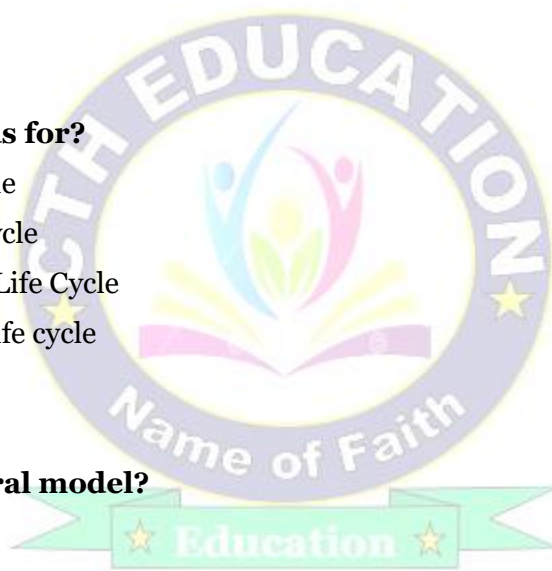
a) Barry Boehm

b) Pressman

c) Royce

d) IBM

Answer: a

15. Which of the following are CASE tools?

a) Central Repository

b) Integrated Case Tools

c) Upper Case Tools

d) All of the mentioned

Answer: d

16. _____ is not a fundamental activity for software processes in software development.

a) Evolution

b) Design and implementation

c) Validation

d) Verification

Answer: d

17. **What are agile manifesto principles?**

a) Customer satisfaction

b) Face-to-face communication within a development team

c) Changes in requirements are welcome

d) All of the mentioned

Answer: d

18. _____ is a software development life cycle model that is chosen if the development team has less experience on similar projects.

a) Iterative Enhancement Model

b) RAD

c) Spiral

d) Waterfall

Answer: c

19. **Agile Software Development is based on which of the following type?**

a) Iterative Development

b) Incremental Development

c) Both Incremental and Iterative Development

d) Linear Development

Answer: c

20. **What is the full form of the "COCOMO" model?**

a) Cost Constructive Estimation Model

b) Constructive Cost Estimation Model

c) Constructive Case Estimation Model

d) Constructive Cost Estimating Model

Answer: b

21. **Which one of the following is not a software process quality?**

a) Visibility

b) Timeliness

c) Productivity

d) Portability

Answer: d

22. **_____ is an indirect measure of software development process**.

a) Cost

b) Effort Applied

c) Efficiency

d) All of the mentioned

Answer: c

23. **Which of the following is not a type of maintenance?**

a) Adaptive Maintenance

b) Preventive Maintenance

c) Perfective Maintenance

d) Performative Maintenance

Answer: D

24. **What does RAD stand for?**

a) Rapid Application Document

b) Rapid Application Development

c) Relative Application Development

d) None of the above

Answer: B

25. **Model selection is based on _____.**

a) Requirements

b) Development team & users

c) Project type & associated risk

d) All of the above

Answer: D