1. Build & Fix Model is suitable for programming exercises of \_\_\_\_\_\_\_\_\_\_\_ LOC (Line of Code).

a) 100-200

b) 200-400

c) 400-1000

d) above 1000

Answer: a

2. RAD stands for

a) Relative Application Development

b) Rapid Application Development

c) Rapid Application Document

d) None of the mentioned

Answer: b

3. Which one of the following models is not suitable for accommodating any change?

a) Build & Fix Model

b) Prototyping Model

c) RAD Model

d) Waterfall Model

Answer: d

4. Which is not one of the types of prototype of Prototyping Model?

a) Horizontal Prototype

b) Vertical Prototype

c) Diagonal Prototype

d) Domain Prototype

Answer: c

5. Which one of the following is not a phase of Prototyping Model?

a) Quick Design

b) Coding

c) Prototype Refinement

d) Engineer Product

Answer: b

6. Which of the following statements regarding Build & Fix Model is wrong?

a) No room for structured design

b) Code soon becomes unfixable & unchangeable

c) Maintenance is practically not possible

d) It scales up well to large projects

Answer: d

7. RAD Model has

a) 2 phases

b) 3 phase

c) 5 phases

d) 6 phases

Answer: c

8. What is the major drawback of using RAD Model?

a) Highly specialized & skilled developers/designers are required

b) Increases reusability of components

c) Encourages customer/client feedback

d) Increases reusability of components, Highly specialized & skilled developers/designers are required

Answer: d

9. SDLC stands for

a) Software Development Life Cycle

b) System Development Life cycle

c) Software Design Life Cycle

d) System Design Life Cycle

Answer: a

10. Which model can be selected if user is involved in all the phases of SDLC?

a) Waterfall Model

b) Prototyping Model

c) RAD Model

d) both Prototyping Model & RAD Model

Answer: c.

11. Waterfall model is also called as?

a)Agile process model

b)Classic life cycle model

c)Light-Weight Model

d)None of above

Answer: b

12. Software Requirements specification document (SRS) might include:

a) Use cases

b) Class diagram

c) Sequence diagram

d) all of above

Answer: d

13. Which of the following is not Users of a requirements document

a) System customer

b) System Engineer

c) Manager

d) System Architect

Answer: d

14. Waterfall model is not suitable for –

a) small projects

b) accommodating change

c) complex projects

d) none of the above

Answer: c

15. If requirements are easily understandable and defined then which model is best suited?

a) Spiral model

b) Waterfall model

c)Prototyping model

d) None of the above

Answer: b

16. Methods and steps, which are taken while designing the software.

a) Software Paradigm

b) Software Manufacturing

c) Software Analysis

d) Software maintenance

Answer: a

18. Which is NOT a software characteristic?

a)Software does not wear out

b)Software is flexible

c)Software is not manufactured

d)Software is always correct

Answer: d

18. Which of the items listed below is not one of the software engineering layers?

a) Process

b) Manufacturing

c) Methods

d) Tools

Answer: b

19. Which of these are the 5 generic software engineering framework activities?

a) communication, modeling, planning, construction, deployment

b) communication, planning, modeling, construction, deployment

c) analysis, designing, programming, debugging, maintenance

d) analysis, planning, designing, programming, testing

Answer: b

21. Which of the following are umbrella activities of Software Engineering.

a) Risk Management

b) Software quality assurance

c) Formal Technical Review

d) all of the mentioned

Answer: d

22.What are attributes of good software ?

a) Software maintainability

b) Software functionality

c) Software development

d) Software maintainability & functionality

Answer: d

23. Which of these software engineering activities are not a part of software processes ?

a) Software dependence

b) Software development

c) Software validation

d) Software specification

Answer: a

24. Which of these is true ?

a) Generic products and customized products are types of software products

b) Generic products are produced by organization and sold to open market

c) Customized products are commissioned by particular customer

d) All of the mentioned

Answer: d

25. \_\_\_\_\_\_is the way in which we produce software.

a) Product

b) Process

c) Metric

d) Module

Answer: b