**1** \_\_\_\_\_\_\_\_\_\_\_ originally proposed the spiral model.

a. Pressman

b. Royce

c. IBM

d. Barry Boehm

**Answer:** **d. Barry Boehm**

**2.** In system modelling, which model depicts a system’s static nature?

a. Data Model

b. Structural Model

c. Context Model

d. Behavioural Model

**Answer:** **b. Structural Model**

**3.** Which one isn’t a stage of the COCOMO-II?

a. Model of Application Composition estimation

b. Model of Early design estimation

c. Model of Post architecture estimation

d. Model of Comprehensive cost estimation

**Answer: b. Model of Early design estimation**

**4.** Which one isn’t an approach to estimate the cost of the software?

a. Heuristic

b. Empirical

c. Critical

d. Analytical

**Answer:** **c. Critical**

**5.** We generally use the \_\_\_\_\_\_\_\_\_\_\_ for Software Maintenance.

a. Integration Testing

b. Unit Testing

c. System Testing

d. Regression Testing

**Answer:** **d.Regression Testing**

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

1. Rapid Application Document
2. Rapid Application Development
3. Relative Application Development
4. None of the above

**Answer**: **b. Rapid Application Development**

**7.** Which of the following does not relate to Evolutionary Process Model?

1. Incremental Model
2. Concurrent Development Model
3. WINWIN Spiral Model
4. All of the above

**Answer: d. All of the above**

**8**. Model selection is based on \_\_\_\_\_\_\_\_\_\_.

1. Requirements
2. Development team & users
3. Project type & associated risk
4. All of the above

**Answer: d. All of the above**

**9.** Which one of the following activities is not recommended for software processes in software engineering?

1. Software Evolution
2. Software Verification
3. Software Testing & Validation
4. Software designing

**Answer: b. Software Verification**

**10.** An erroneous system state that results in an unexpected system behavior is acknowledged as?

1. System failure
2. Human error or mistake
3. System error
4. System fault

**Answer: c. System error**

**11.** Which of the following word correctly summarized the importance of software design?

1. Quality
2. Complexity
3. Efficiency
4. Accuracy

**Answer: a.** **Quality**

**12.** What is the main task of project indicators?

a. To evaluate the ongoing project's status and track possible risks.

b. To evaluate the ongoing project's status.

c. To track potential risks.

d. None of the above

**Answer: a. To evaluate the ongoing project's status and track possible risks.**

**13.** 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. Computer-Aided Software Engineering**

**14.** Why do bugs and failures occur in software?  
a. Because of Developers  
b. Because of companies  
c. Because of both companies and Developers  
d. None of the mentioned

**Answer:** **c. Because of both companies and Developers**

**15.** 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. Software Development Life Cycle**

**16.** \_\_\_\_\_\_\_\_\_ 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) Spiral**

**17.** **\_**\_\_\_\_\_\_\_\_\_ is not suitable for accommodating any change?  
a. RAD Model  
b. Waterfall Model  
c. Build & Fix Model  
d. Prototyping Model

**Answer:** **b. Waterfall Model**

**18.** What is system software?  
a. computer program  
b. Testing  
c. AI  
d. IOT

**Answer:** **a. computer program**

**19.** \_\_\_\_\_\_\_\_\_\_\_\_\_ specification is also known as SRS document.  
a. white-box  
b. grey-box  
c. black-box  
d. none of the mentioned

**Answer:** **c. black-box**

**20. Which of the following refers to internal software equality?**

a.Scalability

b.Reusability

c.Reliability

d.Usability

**Answer:** **b.Reusability**