**MCQ for MCA-I (Semester- I)**

**Subject :- Object Oriented Software Engineering**

**(Subject Code:- IT-13) (MCA Management 2020 Pattern)**

**Chapter: 2] Requirement Engineering**

**Q.1) What are the types of requirements ?**

a) Availability

b) Reliability

c) Usability

d) All of the mentioned

**Q.2) Which one of the following is not a step of requirement engineering?**

a) elicitation

b) design

c) analysis

d) documentation

**Q.3) The user system requirements are the parts of which document ?**

a) SDD

b) SRS

c) DDD

d) SRD

**Q.4) A stakeholder is anyone who will purchase the completed software system under development.**a) True

b) False

**Q.5) Which is one of the most important stakeholder from the following ?**

a) Entry level personnel

b) Middle level stakeholder

c) Managers

d) Users of the software

**Q.6)Which one of the following is a functional requirement ?**

a) Maintainability

b) Portability

c) Robustness

d) None of the mentioned

**Q.7)Which of the following statements explains portability in non-functional requirements?**a) It is a degree to which software running on one platform can easily be converted to run on another platform

b) It cannot be enhanced by using languages, OS’ and tools that are universally available and standardized

c) The ability of the system to behave consistently in a user-acceptable manner when operating within

the environment for which the system was intended

d) None of the mentioned

**Q.8) Functional requirements capture the intended behavior of the system.**

a) True

b) False

**Q.9) Choose the incorrect statement with respect to Non-Functional Requirement(NFR).**a) Product-oriented Approach – Focus on system (or software) quality

b) Process-oriented Approach – Focus on how NFRs can be used in the design process

c) Quantitative Approach – Find measurable scales for the functionality attributes

d) Qualitative Approach – Study various relationships between quality goals

**Q.10)What is the first step of requirement elicitation ?**

a) Identifying Stakeholder

b) Listing out Requirements

c) Requirements Gathering

d) All of the mentioned

**Q.11)Arrange the tasks involved in requirements elicitation in an appropriate manner.**

**i. Consolidation ii. Prioritization iii. Requirements Gathering iv. Evaluation**

a) iii, i, ii, iv

b) iii, iv, ii, i

c) iii, ii, iv, i

d) ii, iii, iv, i

**Q.12) What kind of approach was introduced for elicitation and modelling to give a functional view of the system ?**

a) Object Oriented Design (by Booch)

b) Use Cases (by Jacobson)

c) Fusion (by Coleman)

d) Object Modeling Technique (by Rumbaugh)

**Q.13) How many Scenarios are there in elicitation activities ?**

a) One

b) Two

c) Three

d) Four

**Q.14) Test Case generation is a part of Requirement Validation Technique ?**

a) True

b) False

**Q.15) A kind of document which is created by a software analyst after the requirements collected from the various sources is called as**

a) Prototyping

b) SRS

c) DFD

d) UML

**Q.16) Disaster Recovery & Accessibility is part of ?**

a) Functional Requirement

b) Non-Functional Requirement

c) SRS

d) DFD

**Q.17) Which of the following property does not correspond to a good Software Requirements Specification (SRS) ?**

a) Verifiable

b) Ambiguous

c) Complete

d) Traceable

**Q.18)The SRS is said to be consistent if and only if**

a) its structure and style are such that any changes to the requirements can be made easily while

retaining the style and structure

b) every requirement stated therein is one that the software shall meet

c) every requirement stated therein is verifiable

d) no subset of individual requirements described in it conflict with each other

**Q.19)Arrange the given sequence to form a SRS Prototype outline as per IEEE SRS Standard.  
i. General description ii. Introduction iii. Index iv. Appendices**

**v. Specific Requirements**

a) iii, i, ii,v, iv

b) iii, ii, i, v, iv

c) ii, i, v, iv, iii

d) iii, i, ii

**Q.20)Which of the following is not included in SRS ?**

a) Performance

b) Functionality

c) Design solutions

d) External Interfaces

**Q.21)Consider the following Statement: “The output of a program shall be given within 10 secs of event X 10% of the time.”What characteristic of SRS is being depicted here ?**

a) Consistent

b) Verifiable

c) Non-verifiable

d) Correct

**Q.22) Consider the following Statement: “The data set will contain an end of file character.”What characteristic of SRS is being depicted here ?**

a) Consistent

b) Non-verifiable

c) Correct

d) Ambiguous

**Q.23) Which of the following statements about SRS is/are true ?**

**i. SRS is written by customer**

**ii. SRS is written by a developer**

**iii. SRS serves as a contract between customer and developer**

a) Only i is true

b) Both ii and iii are true

c) All are true

d) None of the mentioned

**Q.24) The SRS document is also known as \_\_\_\_\_\_\_\_\_\_\_\_\_ specification.**a) black-box

b) white-box

c) grey-box

d) none of the mentioned

**Q.25) Narrative essay is one of the best types of specification document ?**

a) True

b) False