QUIZ - 4

Module – 05

Batch ID – JEE/CGNT-M/54/01

Exam Date – 13/07/2023

**Total Marks – 20**

**Student Name: Student ID:**

**1.Which of the following is not a reason for analyzing the current system (if it exists)?**

| **A)** | The analyst needs to know about problems with and defects in the current system. |
| --- | --- |
| **B)** | **The analyst must not lose sight of his or her objectives**. |
| | **C)** | Much of the functionality of the existing system will be required in the new system. | | --- | --- | | |

**2. Which of the following is not an example of a functional requirement?**

| **A)** | **Security considerations B)** Details of data that must be held in the system. | |
| --- | --- | --- |
| **C)** | Descriptions of the processing that the system will be required to carry out | |

**3. Which of the following describes a requirement.**

| **A)** | The system must be capable of responding to all queries within 5 seconds |
| --- | --- |
| **B)** | Users of the system will make 50% fewer errors than with the existing system |
| **C)** | **The system must allow users to enter details of advertising campaigns**. |

**4.** **Which of the following is not an example of a non-functional requirement?**

| **A)** | Volume of data **B)** Performance requirements **C) The content of printed reports required from the system** |
| --- | --- |

**5.** Which of the following describes a non-functional requirement?

| **A)** | **The system must be capable of holding 500Mb of data initially, growing by 100Mb per year** |
| --- | --- |
| **B)** | The system must produce a report of all advertising campaigns for a particular client |
| **C)** | The system must allow users to enter details of clients |

**6.** Which of the following is not the kind of information gathered to understand usability requirements?

| | **A)** | The characteristics of the users of the system. **B)** The context in which the system will be used | | --- | --- | |
| --- | --- | --- |
| | **C)** | **The volume of data in the existing system**. | | --- | --- | |

**7.** Which of the following lists only contains systems analysis fact-finding techniques?

| **A)** | **Sampling, questionnaires, interviewing, reading and observation** |
| --- | --- |
| **B)** | Use case modelling, interviewing, class diagramming, observation and knowledge acquisition |
| **C)** | Sampling, background reading, interviewing, use case modeling and activity diagramming |

**8.** Which fact-finding technique is most suitable to be used in the initial stages of fact-finding and particularly where the analyst is not familiar with the organization that is being studied?

| **A)** | **Background reading B)** Interviewing **C)** Questionnaires |
| --- | --- |

**9.** Which of the following is a valid reason for using interviewing as a fact-finding technique?

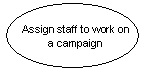
| **A)** | The interviewer can gather statistical data about documents. |
| --- | --- |
| **B)** | **The interviewer can respond flexibly to the interviewee’s responses**. |
| **C)** | Interviews take very little time |

**10.** In which of the following circumstances is it not appropriate to use questionnaires?

| **A)** | The views and knowledge of a large number of people must be obtained |
| --- | --- |
| **B)** | The people who work for the organization are geographically dispersed |
| **C)** | **There is a need to check how people actually carry out their work**. |

**11.** Which of the following categories of people are not likely to be involved in a steering committee?

| **A)** | Senior managers. |
| --- | --- |
| **B)** | **System testers.** |
| **C)** | Representatives of users |

**12. **

**ANS:**

| **A)** | An actor. |
| --- | --- |
| **B)** | **A use case** |
| **C)** | An activity |

**13. **

**ANS:**

| **A)** | **An actor** |
| --- | --- |
| **B)** | A use case |
| **C)** | A user |

**14.** Which of the following is not a purpose for using use cases?

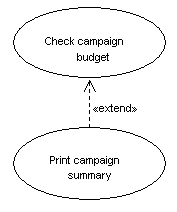
| **A)** | To document the scope of the system. |
| --- | --- |
| **B)** | To provide a high-level view of system functionality from the users’ perspective. |
| **C)** | **To describe the logic of operations** |

**15.** Which of the following pairs lists valid dependencies to show on a use case diagram?

| **A)** | **«extend» and «include».** |
| --- | --- |
| **B)** | «extend» and «retract». |
| **C)** | «exclude» and «include». |

**16.** Which of the following is the correct name for the symbols placed round stereotyped names such as «extend»?

| **A)** | Guillemots |
| --- | --- |
| **B)** | Parakeets |
| **C)** | **Guillemets** |

**17. **

**ANS:**

| **A)** | Check campaign budget extends Print campaign summary |
| --- | --- |
| **B)** | Check campaign budget includes Print campaign summary |
| **C)** | **Print campaign summary extends Check campaign budget** |

**18.** Which of the following statements is true?

| **A)** | Actors are linked to use cases by inheritance |
| --- | --- |
| **B)** | **Actors are linked to use cases by communication associations** |
| **C)** | Actors are linked to use cases by «uses» dependencies |

**19.** Which of the following is shown in a use case diagram by a rectangle surrounding a group of use cases?

| **A)** | The class that implements the use cases |
| --- | --- |
| | **B)** | **The system or sub-system that the use cases belong to**. | | --- | --- | | |
| **C)** | The package that contains the use cases |

**20.** Which of the following is the best definition of an actor?

| **A)** | An actor represents a user of the system |
| --- | --- |
| **B)** | An actor represents a role played by a user of the system |
| **C)** | **An actor represents a role played by a user of the system or by an external system**. |