D1_Quiz_2 dtd 17th May 2021 (Monday)

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1. Write your registration number correctly

19BCE0932

2. Determining whether you have built the right system is called ....

- ◯ Software Testing

- ◯ Software Debugging

- ◯ Software Verification

- ◉ Software Validation

3. Determining whether you have built the system right is called   ....

○ Software Testing

○ Software Debugging

◉ Software Verification

○ Software Validation

4. .... is the process of demonstrating the existence of defects or providing confidence that they do not
appear to be present

◉ Software Testing

○ Software Debugging

○ Software Verification

○ Software Validation

5. . ... is the process of discovering the cause of a defect and fixing it.

○ Software Testing

◉ Software Debugging

○ Software Validation

○ Software Verification

6. Among the following, a representation that can be used for designing a system as a collection of procedures or modules:

◉ Data Flow Diagrams

◯ Activity Chart

◯ Flow Chart

◯ ER Model

7. Boundary value analysis is a method for:

◯ White Box Testing

◉ Black Box Testing

◯ Structural Testing

◯ Mutation Testing

8. Interaction modelling cannot be done using:

◉ State Diagrams

◯ Use-Cases Diagram

◯ Sequence Diagram

○ Activity Diagram

9. The following three golden rules refers to:
   (i) Place the user in control
   (ii) Reduce the user's memory load
   (iii) Make the interface consistent are for

   ○ User satisfaction

   ⦿ Good interface design

   ○ Saving system's resources

   ○ None of these

10. Software safety is a .... activity that focuses on the identification and assessment of potential hazards that may affect software negatively and cause an entire system to fail.

    ○ Risk mitigation, monitoring and management

    ⦿ Software quality assurance

    ○ Software cost estimation

    ○ Defect removal efficiency

11. While designing the user interface, the most important factor one should consider is

○ Use as many short cuts as possible.

○ Use as many defaults as possible.

○ Use as many visual layouts as possible.

● Reduce the demand on short-term memory.

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