29 Software Debugging is known as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
identifying the task to be computerized  
creating program code  
creating the algorithm

finding and correcting errors in the program code

30 Which of the following is not an activity of Structured Analysis (SA) ?  
Functional decomposition  
Transformation of a textual problem description into a graphic model  
All the functions represented in the DFD are mapped to a module structure  
All of the mentioned

31 To arrive at a form which is suitable for implementation in some programming language is the purpose of  
Structured Analysis (SA)  
Structured Design (SD)  
Detailed Design (DD)  
None of the mentioned

Structured Analysis is based on the principle of Bottom-Up Approach.  
True  
False

32 Which of the following statements is not true of Data Flow Diagrams (DFDs)?

Hierarchical Diagram

Represent code structure

Do not represent decisions and control flows

Represent functional decomposition

33 A DFD is always accompanied by a data dictionary.  
True  
False

34 Which of the following document contains the user system requirements?  
SRD  
DDD  
SDD  
SRS

35 What does a data store symbol in the Data Flow Diagram signify?

Logical File

Physical File

Data Structure

All of the above

36 Which of the following models is best suited when the requirements of the software are not decided and also the user is not sure about how he wants the user interface to look like?

Classical waterfall model

Prototyping model

Evolutionary model

None of the above

37 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 ?  
Consistent  
Verifiable  
Non-verifiable  
Correctness

38 Which of the following software lifecycle model is able to manage all the risks that may appear while software development?

Spiral Waterfall model

Iterative waterfall model

Spiral model

All of the above

39 The \_\_\_\_\_ phase is also sometimes called the implementation phase

Design

Coding and unit testing

Integration and system testing

Maintenance

40 Which of the following items are designed in the design phase of the software?

Different modules of the software

Interface between different modules

Data flow and control flow

All of the above

41 \_\_\_\_ restricts the freedom of the designers in arriving at a good design solution

Over specification

Forward references

Wishful thinking

Noise

42 What is noise in terms of software development ?

Writing irrelevant statement to the software development in the SRS document

Adding contradictory requirements in SRS document

Writing over-specific requirements

None of these above