**MCA-II (Semester- III)**

**Subject :- Software Testing & Quality Assurance**

**(Subject Code:- IT-33)**

**MCQ on**

**Chapter: 3] Static Testing**

Q.1) software testing technique which is used to check defects in software application without executing the code

a) Dynamic Testing b) Behavioural Testing

c) Explorer Testing **d) Static Testing**

Q.2) Data Flow Analysis is part of ?

**a) Static Analysis** b) Dynamic Analysis

c) Hybrid Analysis d) System Analysis

Q.3) Control Flow Analysis is part of ?

**a) Static Analysis** b) Dynamic Analysis

c) Hybrid Analysis d) System Analysis

Q.4) The Process conducted as per the need of the team and follows an informal agenda is ?

a) Formal Review b) Code Review

c) Peer Review **d) Informal Review**

Q.5)It has a well-structured and regulated process, which is usually implemented at the end of each life cycle and has a specific formal agenda

**a) Formal Review** b) Code Review

c) Peer Review d) Informal Review

Q.6)It is an informal manual test that programmers can use to verify coding and algorithm logic before a program launch

a) Test Case Checking **b) Desk Checking**

c) Code Checking d) Configuration Checking

Q.7) A static white-box testing technique which is conducted to spot the defects early in the life cycle that cannot be detected by black box testing techniques.

1. Informal b) Walkthrough

c)Inspection **d) Technical Review**

Q.8) It is the process of assessing the technical content and quality of the product and it is usually conducted by the author of the work product along with some other developers.

a) Informal **b) Peer Review**

c) Inspection d) Walkthrough

Q. 9) In this process author describes and explain work product in a informal meeting to his peers or supervisor to get feedback. Here, validity of the proposed solution for work product is checked.

a) Informal b) Peer Review

c) Inspection **d) Walkthrough**

Q.10) It is defined as formal, rigorous, in depth group review designed to identify problems as close to their point of origin as possible

a) Informal b) Peer Review

**c) Inspection** d) Walkthrough

Q.11) It is a technique for gathering information about the possible set of values calculated at various points in a [computer program](https://en.wikipedia.org/wiki/Computer_program)

1. System Analysis b) **Data Flow Analysis**

c)Control Flow Analysis d) Design Analysis

Q.12) It is a [static-code-analysis](https://en.wikipedia.org/wiki/Static_code_analysis) technique for determining the [control flow](https://en.wikipedia.org/wiki/Control_flow) of a program

1. System Analysis b) Data Flow Analysis

**c)Control Flow Analysis** d) Design Analysis

Q.13) It refer to a wide array of tools that examine source code, executable, or even documentation, to find problems before they happen; without actually running the code

1. Dynamic Analysis Tool
2. **Static Analysis Tool**
3. Automation Tool
4. Testing Tool