**1. What is Test bed on software Testing ?**  
Ans: a. It is a document which is prepared before going to execute the test cases .  
b. Preparation for test execution i,e pre-requisites is called Test Bed .  
c. In test bed document we define all Test data , input and output criteria, software and hardware requirement , operating system and version ,System Environment , parameters defined for each phase , test scripts and other supporting documents which is required for test execution.  
 **2. What is the difference between Test matrix and Trace ability matrix ?**  
Ans:Test matrix - The objective of test matrix is to capture the plan , actual quality , effort , resources and time required to capture all the phases of software testing .  
Traceability matrix -The mapping between test cases and client/customer requirements is known as Trace ability matrix .  
b. It is used to check all the requirements are covered or not .  
  
**3. What is difference between System Testing and End To End Testing ?**  
Ans:System Testing- upon completion of integration testing , the test team will begin system testing . In this a complete system is configured in control environment to validate it's accuracy and completeness .  
b. The objective of system testing is to verify that the system is complete function and robust enough for user interaction and use .  
End To End testing : It Validates the software system as well as interconnected sub-systems  
b. It checks end to end process flow like All interfaces, back end systems will be considered for testing .  
  
**4. What is Test plan and describe the main components of Test plan ?**  
Ans:Test plan is a document which explains the test strategy , timelines and available resources and detailed view .  
Test plan contains :  
a. Objective  
b. Scope  
c. Approach  
d. resources  
e. Entry criteria and Exit criteria  
f. use cases  
g. test cases  
i. risk assumptions  
j. Software and hardware requirements  
k. Project milestones  
  
**5. What is Test scenario ?**  
Ans:Test scenario is nothing but a way of process (a feature gonna used) or a complete work flow .  
  
**6. Describe the attributes of use cases ?**  
Ans: The attributes are -  
a. Preconditions  
b. Post conditions  
c. Descriptions  
d. Primary flow  
e. Objective  
f. After native flow and business rules interactions, implementations and etc..  
  
**7. What is the test components to be delivered ?**  
Ans: Test deliverable are-  
a. QA test plan  
b. Test cases document  
c. Automation script  
d. Trace ability matrix  
e. Test result  
f. Test report  
g. Release notes  
  
**8. What is web server ?**  
Ans:It handles client side validations as well as server side validations and helps to deliver web contents that can be access through the internet protocol.  
E.g - Microsoft IIS  
Apache web server  
Java web server  
  
**9. What is Pilot testing ?**  
Ans: Intention to take ownership of the project .  
b. basically in pilot testing ,there would be group of testers who perform testing with the intention of taking project from the client .  
  
**10. What is Security testing ?**  
Ans: It is performed to check whether there is any information leakage incense by encrypting the application or using wide range of software and hardware etc..