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**DIPLOMA SOFTWARE TESTING AND AUTOMATION(SELENIUM)**

**ASSIGNMENT: MODULE-3 (**Testing on Live Application)

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| Q-1 | What is RDBMS |
| ANS | RDBMS stands for Relational Database Management System. RDBMS  is the basis for SQL, and for all modern database systems like MS SQL  Server, IBM DB2, Oracle, MySQL, and Microsoft Access |
| Q-2 | What is SQL |
| ANS | “The large majority of today's business applications revolve around relational databases and the SQL programming language (Structured Query Language). Few businesses could function without these technologies…” |
| Q-3 | Write SQL Commands |
| ANS | DDL – Data Deﬁnition Language  DML – Data Manipulation Language  DCL – Data Control Language  DQL – Data Query Language |
| Q-4 | What is join? |
| ANS | JOIN is used to combine & get the data from different tables.  LEFT (OUTER) JOIN : Returns all records from the left table, and the matched records from the right table. RIGHT (OUTER) JOIN : Returns all records from the right table, and the matched records from the left table. |
| Q-5 | Write type of joins |
| ANS | INNER JOIN: returns rows when there is a match in both tables.  LEFT JOIN: returns all rows from the left table, even if there are no matches in the right table.  RIGHT JOIN: returns all rows from the right table, even if there are no matches in the left table.  FULL JOIN: returns rows when there is a match in one of the tables. |
| Q-6 | How Many constraint and describes it self |
| ANS | 1. Primary key: unique + not null 2. Foreign key: it’s depends on primary table 3. Unique key: only unique value: blank allow 4. Check: condition you should apply 5. Not null: no to be blank |
| Q-7 | Difference between RDBMS vs DBMS |
| ANS | |  |  | | --- | --- | | RDBMS | DBMS | | Data stored is in table format | Data stored is in the file format | | Multiple data elements are accessible together | Individual access of data elements | | Data in the form of a table are linked together | No connection between data | | Oracle, SQL Server. | XML, Microsoft Access. | |
| Q-8 | What is API Testing |
| ANS | Application Programming Interface (API) is a software interface that allows two applications to interact with each other without any user intervention  another definition , API (Application Programming Interface) is a computing interface which enables communication and data exchange between two separate software systems. |
| Q-9 | Types of API Testing |
| ANS | Open APIs: These types of APIs are publicly available to use like OAuth APIs from Google. It has also not given any restriction to use them. So, they are also known as Public APIs.  Partner APIs: Specific rights or licenses to access this type of API because they are not available to the public.  Internal APIs: Internal or private. These APIs are developed by companies to use in their internal systems. It helps you to enhance the productivity of your teams. |
| Q-10 | What is Responsive Testing? |
| ANS | A responsive web design involves creating a flexible web page that is accessible from any device, starting from a mobile phone to a tablet |
| Q-11 | Which types of tools are available for Responsive Testing |
| ANS | 1. Testsigma: 2. [Responsinator:](https://testsigma.com/blog/7-top-tools-for-responsive-web-design-testing/#2_Responsinator) 3. [Screenfly:](https://testsigma.com/blog/7-top-tools-for-responsive-web-design-testing/#3_Screenfly) 4. [LambdaTest:](https://testsigma.com/blog/7-top-tools-for-responsive-web-design-testing/#4_LambdaTest) 5. [Am I Responsive?:](https://testsigma.com/blog/7-top-tools-for-responsive-web-design-testing/#5_Am_I_Responsive) 6. [CrossBrowserTesting:](https://testsigma.com/blog/7-top-tools-for-responsive-web-design-testing/#6_CrossBrowserTesting) 7. [Browserstack:](https://testsigma.com/blog/7-top-tools-for-responsive-web-design-testing/#7_Browserstack) |
| Q-12 | What is the full form of .ipa, .apk |
| ANS | iOS package App Store (IPA)  APK (Android Application Package) |
| Q-13 | How to create step for to open the developer option mode ON? |
| ANS | |  |  | | --- | --- | | **Device** | **Setting** | | Google Pixel | Settings > About phone > Build number | | Samsung Galaxy S8 and later | Settings > About phone > Software information > Build number | | LG G6 and later | Settings > About phone > Software info > Build number | | HTC U11 and later | Settings > About > Software information > More > Build number *or* Settings > System > About phone > Software information > More > Build number | | OnePlus 5T and later | Settings > About phone > Build number | |