Level 4 / 2nd. Sem. / DVOC

SD

Subject : Database Management Systems

Time : 2 Hrs.   M.M. : 50

SECTION-A

Note: Very short answer type questions. All questions are compulsory   (10x1=10)

Q.1   Write full form of RDBMS.

Q.2   A relational database consists of a collection of ____

Q.3   In relational model the row of table is known as ____

Q.4   Give full form of SQL.

Q.5   There can be more than one primary keys in a relation. (True/False)

Q.6   Define Entity.

Q.7   Define exception.

Q.8   Define datatype.

Q.9   Full form of JVM is _____

Q.10 Inheritance is object oriented programming concept. (True/False)

SECTION-B

Note: Short answer type questions. Attempt any six questions out of eight questions.   (6x5=30)

Q.11 Discuss various datatypes uses in SQL.

Q.12 Discuss difference between having and where clause.

Q.13 Write the structure of a JAVA Program.

Q.14 Discuss class and object. Write syntax of object creation in JAVA.

Q.15 Discuss any two string manipulation methods in JAVA.

Q.16 Discuss Array. How an Array is declared in JAVA?

Q.17 Discuss the purpose of work integrated learning.

Q.18 Write features of RDBMS.

SECTION-C

Note: Long answer type questions. Attempt any one questions out of two questions.   (1x10=10)

Q.19 Write advantages of web-based applications. Discuss online shopping and bill payment system.

Q.20 Discuss various control structure in JAVA.