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189042

2nd Sem, Level 4 / SD

Subject : Database Management Systems

Time : 2 Hrs.

M.M. : 50

SECTION-A

Note: Multiple Choice questions. All questions are compulsory. (5x1=5)

- Q.1 In general, a file is a collection of all related _____.
a) Rows & columns b) Fields
c) Database d) Records
- Q.2 Which of the following command is a type of Data Definition language command?
a) Create b) Update
c) Delete d) Merge
- Q.3 Array is the collection of similar data type values (T/F)
- Q.4 In which of the following formats data is stored in the database management system?
a) Image b) Text
c) Table d) Graph

- Q.5 Who invented Java Programming?
- a) Guido van Rossum b) James Gosling
c) Dennis Ritchie d) Bjarne Stroustrup

SECTION-B

Note: Objective type questions. All questions are compulsory. (5x1=5)

- Q.6 Define Thread
- Q.7 Define tuple
- Q.8 Define constraint
- Q.9 Define Primary key
- Q.10 Write syntax to insert a record in a table.

SECTION-C

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

- Q.11 Discuss the purpose of the condition operators BETWEEN and IN.
- Q.12 Discuss the features of RDBMS.
- Q.13 Discuss Exceptional handling in JAVA.

- Q.14 Explain how table is created and data is inserted.
- Q.15 Write short note on JAVA and why it is called platform independent?
- Q.16 Write a short note on string manipulation in java.
- Q.17 Analyse the online quiz web based application.
- Q.18 Explain wrapper class with suitable example.

SECTION-D

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

- Q.19 Give advantages of web-based applications. Explain how it is useful in current scenario by taking the examples of some web based applications.
- Q.20 Discuss various control structures in JAVA.