Name:		Subject:	Computer Science-12
Roll # :		Unit(s):	1,
Class:	Inter Part-II	Test:	Type 10 - Short Test - Marks=45
Date:		Time:	

Q.1 Four possible answers A, B, C & D to each question are given. Circle the correct one. (15x1=15)

1. A set of related records that represents a unit of data is:
    (A) File   (B) Record   (C) Field   (D) Database

2. The process of arranging data in a logical sequence is called:
    (A) Sorting   (B) Summarizing   (C) Capturing   (D) Classifiyin

3. Storage and retrieval of data is related is:
    (A) Data Capturing   (B) Data Manipulation   (C) Managing Output   (D) AnalysisResult

4. The smallest meaningful unit of Data in a Database is called:
    (A) Byte   (B) Record   (C) Character   (D) Field

5. A collection of related data field is called:
    (A) File ،   (B) Database   (C) Attributes   (D) Record

6. _____ type requires largest processing time.
    (A) Random File ،   (B) Direct Access File   (C) Sequential File   (D) Index Sequential File

7. A logical grouping of characters is:
    (A) Field ،   (B) Record   (C) File   (D) Database

8. A _____ can store text only.
    (A) Binary ،   (B) Text File   (C) Exe File   (D) Object File

9. In text file data is stored in:
    (A) ASCII-Code ،   (B) Binary Code   (C) Octal Code   (D) Text Code

10. A database containing all students in a class would store basic data of students in:
    (A) Record ،   (B) Field   (C) Cell   (D) File

11. Which file is used to store information that remains constant for a long time:
    (A) Data file   (B) Master file   (C) Transaction file   (D) Backup file

12. The extension of image file is:
    (A) .exl   (B) .doc   (C) .bmp   (D) .ppt

13. A data base is an organized collection of _____ data.
    (A) Physically ،   (B) Loosely   (C) Random   (D) Logically

14. Which one refers to the correchtness and consistency of data?
    (A) Data independence   (B) Data integration   (C) Data integrity   (D) Data model

15. Multiple copies of the same data is referred to as:
    (A) data integrity   (B) data inconsistency   (C) data redundancy   (D) data isolation

Q.2 Write short answers of the following questions. (10x2=20)

(i)   Define Information.
(ii)   Differentiate between Data and Information.
(iii)   What is meant by Reproduction?
(iv)   What is file?
(v)   Define program file with example.
(vi)   Enlist different types of Database Models.
(vii)   Write any two objectives of Data base management system.
(viii) Write any two advantages of Database Management System.
(ix)   What is the use of Data Dictionary?
(x)   State the purpose/Use of Query Language.

Q.3 Write long answers of the following questions. (5x2=10)

1. What is database? Expalin three types of database models.
2. Explain database management system. Discuss any three advantages of database management system.