INDIAN SCHOOL NIZWA - WORKSHEET

MULTIMEDIA AND WEB TECHNOLOGY
CH: 2 DATABASES

Name: _____ Date:_____ Class: XII Sec: ___

1. Observe the table APPS of a Database named Android Apps given below carefully and answer the questions that follow :

AppName	AppCode	AppUsers	AppUse
Instagram	101	300000	Social Media
Google Play Music	102	150000	Free Music
Viber	103	2000	Free Calls
Dropbox	104	350000	Free Storage
Ola Cabs	105	900	Taxi Booking

i) Which attribute can act as the primary key for the table APPS ? Ans : ……..

ii) Name the two attributes that have the Varchar data type in the above table.

a) …….. b) …….

iii) Degree of the table APPS . Ans : ……..

iv) Cardinality of the table APPS . Ans : ……..

v) Suggest data types for each field in the above table.

a) ……. b) …….

b) …… d) ……..

vi) A new attribute named AppDesc need to be added to the above table that will store the complete description of the App utility.Suggest the most appropriate data type that should be used for this new attribute keeping in mind that the description can be more than 2000 characters.

Ans : …….

2. What is a database and what is a DBMS?

3. Define the terms
   a) Foreign key

   b) Primary key.

4. Name the following
   a. An attribute which is capable of becoming a primary key.- _____
   b. Five examples of DBMS - _____ , _____
   c. Key used to relate two tables: _____
   d. The alternate name of a record in a table :_____
   e. An organised collection of data : _____
   f. Attribute combination that can serve as a primary key in a table :_____
   g. Two data types used to store alphanumeric characters in a database : _____
   h. Expand RDBMS :_____

5. 2. Observe the two tables shown below.
   a) Identify the Foreign key of the table Patients --
   b) Identify the Primary key of the table Patients --
   c) Identify the Primary key of the table Doctors --

Table: Doctors

DocID	DocName	Department	OPD_Days
101	M.Panday	ENT	TTS
102	G.P.Gupta	Paed.	MWF
201	C.K.Sharma	Ortho	MWF

Table: Patients

Pat_no	PatName	Department	DocID
1	Neeraj	ENT	101
2	Mohit	Ortho	201
3	Ragini	ENT	101
4	Mohit	Paed.	102
5	Nandini	Ortho	201