

## Election Vacation Homework

### Group A

Tick the best alternatives.

[9×1=9]

- Primary key does not accept
  - Text
  - Number
  - Null Value
  - All of the above
- Which of the following is not a database application?
  - Oracle
  - FoxPro
  - MS-Access
  - MS-Excel
- Which one of the following is a loop construct that will always be executed once.
  - for
  - while
  - switch
  - do while
- What is # include
  - preprocessor directive
  - inclusion directive
  - file inclusion directive
  - none of the mentioned
- Which is not the feature of OOP
  - Code reusability
  - Modularity
  - Redundant Data
  - Efficient Code
- What kind of transmission medium is most appropriate to carry data in a computer network that is exposed to electrical interferences?
  - Unshielded twisted pair
  - Optical fiber
  - Coaxial cable
  - Microwave
- Which loop is faster in c language?
  - for
  - while
  - do while
  - all work at same speed
- What is the output of c program?

```
int main()
{ int k;
for (k =1; k> = 5;k ++ )
{
printf (“%d”, k);}
return 0; }
```

  - 12345
  - 1234
  - 6
  - null
- A relational database consists of a collection of
  - Tables
  - Fields
  - Records
  - Keys

### Group B

Give short answer to the following questions.

[5×5=25]

- Why is Normalization needed? Explain the normalization process with examples.

Or

What is SQL? Demonstrate the basic DML statement with an example.

- What is data integrity? Explain different types of data integrity.
- Write a program to display factorial of any given number using JavaScript.

Or

Write a program to display simple interest using JavaScript.

- What is networking? Differentiate between peer to peer and client server network architecture.
- What is OOP? Explain application areas of OOP.

### Group C

Give long answer to the following questions

[2×8=16]

- What is transmission media? Explain guided transmission media with detail.
- What is array? Write a program to display matrix multiplication of two 3×3 matrix.

Or

What is function? Write a program to display area of circle and multiplication table of any number using function.

**The End**

