1. Which from layout one record at a time?   **(7 times)**

(a) tabular   (b) columnar   (c) datasheet   (d) sub-form

2. The degree of relation refers to the number of: **(3 times)**

(a) rows   (b) tables   (c) data   (d) columns

3. It makes very simple to create a database: **(6 times)**

(a) sample database   (b) wizard   (c) common standards   (d) easier programming

4. All the hardware costs are considered during: **(3 times)**

(a) project planning   (b) requirement analysis

(c) feasibility study   (d) data analysis

5. Insert command is used to insert: **(6 times)**

(a) a new record   (b) a new column   (c) a view   (d) a new table

6. A set of related records that represent a unit of data is: **(1 time)**

(a) file   (b) record   (c) field   (d) database

C-LANGUAGE

7. Fopen ( ) function takes_____parameters.   **(13 times)**

(a) 1   (b) 2   (c) 3   (d) 4

8. The first line of user defined function is: **(13 times)**

(a) function argument   (b) function prototype   (c) function header   (d) function calling

9. In while loop, the loop control variable is always initialized?   **(12 times)**

(a) outside the program   (b) inside the loop body

(c) after loop ends   (d) outside the body of loop

10. How many loops control structures are in C?   **(12 times)**

(a) 1   (b) 3   (c) 5   (d) 7

11. Which keyword is not used in switch statement?   **(11 times)**

(a) default   (b) if   (c) case   (d) switch

12. The conditional operator is used as alternate to: **(11 times)**

(a) if   (b) if-else   (c) if-else if-else   (d) switch case

13. The escape sequence for carriage return is: **(10 times)**

(a) \a   (b) \c   (c) \r   (d) \f

14. How many bytes the float data types take in memory   **(9 times)**

(a) 2   (b) 3   (c) 4   (d) 8

15. C-Language was developed in: **(8 times)**

(a) 1962   (b) 1969   (c) 1970   (d) 1972

LAHORE BOARD

COMPUTER   (Session: 2017)   (Group-II / A-2015)

SSC (Part-I)   Class - XII   New Scheme

Time: 2:10 Hours   **(SUBJECTIVE)**   Marks: 60

Note: Section I is compulsory. Attempt any Three questions from Section II and any Two parts from Section III.

SECTION-I

2.   Write short answers to any six parts from the following:

i.   Define data.

ii.   Write down the basic purpose of using views.

iii.   Define mutual exclusiveness of data.

iv.   Differentiate between cardinality and modality.

v.   Define transitive dependency.

vi.   List down any two advantages of MS-Access.

vii.   Define sorting.

viii.   Write down the use of filters in MS-Access.

ix.   Write down any two differences between file processing and data base approach.

3.   Write short answers to any eight parts of the following:

i.   List out two advantages or characteristics of C.

ii.   Define object code.

iii.   Write the legal characters of an identifier.

iv.   Define assembly language.

v.   Define variable.

vi.   Define standard input.

vii.   Find any two errors of following code:

```
int   number = 6
number + +;
print f (% d \n" , number);
```

viii.   Write down output of the following:

```
float f = 3.14159
print f ("f = %4.2 f" , f);
```

ix.   Find error

```
{
Float area, r
Print f("Enter radius");
}
```

C-Language

4.   Write short answers to any Six parts:

i.   Define conditional operator with example.

ii.   Find the output of the following code.

```
# include<stdio.h>
void main ( )
{
char grade = 'c';
if (grade = = 'a' 11 grade = = 'b' & & grade = = 'c')
print f ("Fail");
```

```
            else
            print f("Pass")
            }
```

iii.   Find the error in the following code.
```
# include<stdio.h>
void main ( )
{
float area; r;
scan f("%c", & r);
area = 3.14 * r *r;
print f("area = %f" , area);
}
```

iv.   What is continue statement? Also give an example.

v.   Find output of the following code.
```
# include<stdio.h>
void main ( )
{
   int i, p = 1;
   for (I = 1; I < 6; I + = 1)
   p = = 2;
   print f (" p is = %d" , p);
}
```

vi.   Convert the following code into while loop.
```
# include<stdio.h>
void main ( )
{
   int i;
   while (i < 5)
   {
   print f("%d \n", i);
   i++;
   }
}
```

vii.   Differentiate between local and global variables.
viii.   Define function declaration with its syntax.
ix.   Write the name of two types of streams used in files in C language.

section-II

5. Write down the properties relations in detail.

6. Define query. Discuss any three types of queries.

C-Language

Note: Attempt any two questions:

7. Write any four steps for writing and executing C –program.

8. Write a program that inputs a number from user and find it positive, negative or zero.

9. Define while loop? Write its syntax and flow chart. Also explain its working with the help of an example.