**Instructions :**

**There are 14 questions in the paper.**

**The maximum marks for the test are \_\_\_\_One mark for each question.**

**The total time allocated is STRICTLY 17 minutes**

**There will be no negative marking**

Q. 56. The binary equivalent of 5.375 is

a) 101.101110111 b) 101.011

c) 101011 d) None of above

Q. 57. A float occupies 4 bytes. If the hexadecimal equivalent of these 4 bytes are A, B, C and D, then

when this float is stored in memory in which of the following order do these bytes gets stored?

a) ABCD

b) DCBA

c) 0xABCD

d) Depends on big endian or little endian architecture

Q. 58. What will be the output of the program?

#include<stdio.h>

int main()

{

float a=0.7;

if(a < 0.7)

printf("C\n");

else

printf("C++\n");

return 0;

}

a) C b) C++

c) Compiler error d) Non of above

Q. 59. What will be the output of the program?

#include<stdio.h>

int main()

{

float \*p;

printf("%d\n", sizeof(p));

return 0;

}

a) 2 in 16bit compiler, 4 in 32bit compiler

b) 4 in 16bit compiler, 2 in 32bit compiler

c) 4 in 16bit compiler, 4 in 32bit compiler

d) 2 in 16bit compiler, 2 in 32bit compiler

Q. 60. What will be the output of the program?

#include<stdio.h>

int main()

{

float fval=7.29;

printf("%d\n", (int)fval);

return 0;

}

a) 0 b) 0.0

c) 7.0 d) 7

Q. 61. What will be the output of the program?

#include<stdio.h>

#include<math.h>

int main()

{

printf("%f\n", sqrt(36.0));

return 0;

}

a) 6.0 b) 6

c) 6.000000 d) Error: Prototype sqrt() not found.

Q. 62. What will be the output of the program?

#include<stdio.h>

#include<math.h>

int main()

{

printf("%d, %d, %d\n", sizeof(3.14f), sizeof(3.14), sizeof(3.14l));

return 0;

}

a) 4, 4, 4 b) 4, 8, 8

c) 4, 8, 10 d) 4, 8, 12

Q. 63. What will be the output of the program?

#include<stdio.h>

int main()

{

float f=43.20;

printf("%e, ", f);

printf("%f, ", f);

printf("%g", f);

return 0;

}

a) 4.320000e+01, 43.200001, 43.2 b) 4.3, 43.22, 43.21

c) 4.3e, 43.20f, 43.00 d) Error

Q. 64. What will be the output of the program?

#include<stdio.h>

int main()

{

float a=0.7;

if(a < 0.7f)

printf("C\n");

else

printf("C++\n");

return 0;

}

a) C b) C++

c) Compiler error d) Non of above

Q. 65. What will be the output of the program?

#include<stdio.h>

#include<math.h>

int main()

{

float n=1.54;

printf("%f, %f\n", ceil(n), floor(n));

return 0;

}

a) 2.000000, 1.000000 b) 1.500000, 1.500000

c) 1.550000, 2.000000 d) 1.000000, 2.000000

Q. 66. Which of the following is the valid host range for the subnet on which the IP address 192.168.168.188 255.255.255.192 resides?

A. 192.168.168.129-190 B. 192.168.168.129-191

C. 192.168.168.128-190 D. 192.168.168.128-192

Q. 67. To back up an IOS, what command will you use?

A. backup IOS disk

B. copy ios tftp

C. copy tftp flash

D. copy flash tftp

Q. 68. SQL stands for \_\_\_\_\_\_\_\_ .

A. Structured Query Language

B. Sequential Query Language

C. Structured Question Language

D. Sequential Question Language

Q. 69. Because it contains a description of its own structure, a database is considered to be \_\_\_\_\_\_\_\_ .

A. described

B. metadata compatible

C. self-describing

D. an application program

Answers- 56. B, 57. D, 58. A, 59. A, 60. D, 61. C, 62. C, 63. A, 64. B, 65. A, 66. A, 67. D, 68. A, 69. C.