C PROGRAMMING

TOPICS

C PROGRAMMING QUESTIONS AND

enum status { pass, fail, atkt};

enum status stud1, stud2, stud3;

Aptitude ANSWERS Data Interpretation

Verbal Ability

1 Logical What is the output of the program given below? Reasoning #include int main()

> stud1 = pass; stud2 = atkt;

stud3 = fail;

return 0;

}

Reasoning

Non Verbal

Reasoning

Puzzles

Verbal

C

Programming

C++

Programming

C#

Programming

Java

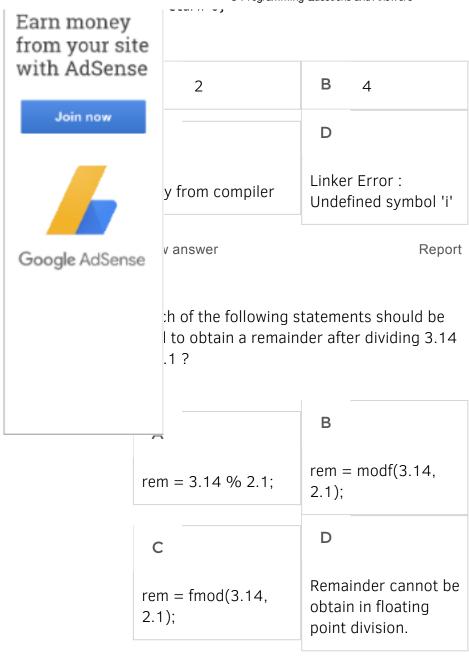
Programming

Α	0, 1, 2	В	1, 2, 3
С	0, 2, 1	D	1, 3, 2

printf("%d, %d, %d\n", stud1, stud2, stud3);

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```
(i)
                                  will be the output of the program in 16 bit
                                 rm (Turbo C under DOS)?
                                 lude
                                 nain()
                                 extern int i;
© 2015 Ambitionbox.com. All rights réserved n", sizeof(i));
                                 return 0:
```



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4 What are the types of linkages?

Α	В
Internal and External	External and None
С	
External, Internal and None	D Internal

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5 Which of the following special symbol allowed in a variable name?

Α	* (asterisk)	B (pipeline)
		D
С	- (hyphen)	_ (underscore)

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6 Which of the following is not user defined data type?

```
struct book
{
    char name[10];
    float price;
    int pages;
};
```

2: long int 1 = 2.35;

3 : enum day {Sun, Mon, Tue, Wed};

A 1	B 2	
C 3	D 1 & 2	

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7 What is the output of the program?

```
#include
int main()
{
    int x = 10, y = 20, z = 5, i;
    i = x < y < z;
    printf("%d\n", i);
    return 0;
}</pre>
```

Α	0	В	1
С	Error	D	No Error

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8 What is the output of the program?

```
#include
int main()
{
    extern int fun(float);
    int a;
    a = fun(3.14);
    printf("%d\n", a);
    return 0;
}
int fun(int aa)
{
    return (int)++aa;
}
```

Α	0	В 3
		D
С	4	Compile Error

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9 What is the output of the program?

```
#include
int main()
{
   int a[5] = {2, 3};
   printf("%d, %d, %d\n", a[2], a[3], a[4]);
   return 0;
}
```

Α	
Garbage Values	B 2, 3, 3
C 3, 2, 2	D 0, 0, 0

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10 In the following program how long will the for loop get executed?

```
#include
int main()
{
   int i=5;
   for(;scanf("%s", &i); printf("%d\n", i));
   return 0;
}
```

А	В
The for loop would not get executed at all	The for loop would get executed only once
С	D
The for loop would get executed 5 times	The <i>for</i> loop would get executed infinite times

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11

What will be output of the following?

```
#include<stdio.h>
int main()
{
    float a=0.7;
    if(a < 0.7)
        printf("Cn");
    else
        printf("C++n");
    return 0;
}</pre>
```

Α	С	В	C++
С	Error	D	None of these

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12 A float occupies 4 bytes. if the hexadecimal equivalent of each of these bytes is A,B,C and D, then when this float is stored in memory,

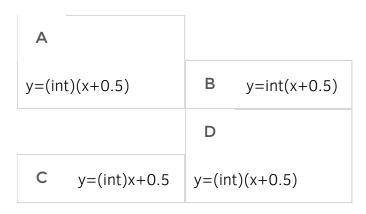
these bytes get stored in the order

Α	ABCD	В	DCBA
С	OxABCD	D	OxDCBA

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13 We want to round off x, a float to an int value. The correct way to do so would be



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14 What will be output of the program?

```
#include<stdio.h>
#include<math.h>
int main()
{
    printf("%d, %d, %dn", sizeof(3.14f), sizeof(3.14));
    return 0;
}
```

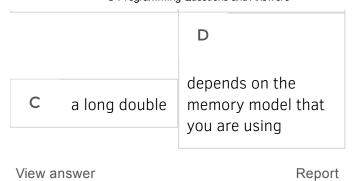
Α	4, 4, 4	В	4, 8, 8
С	4, 8, 10	D	4, 8, 12

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15 By default any real number is treated as :

A a float B a double



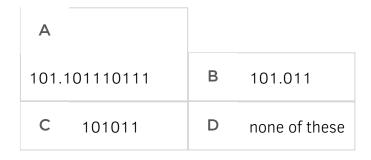
16 What will be output of the following?

```
#include<stdio.h>
#include<math.h>
int main()
{
    printf("%fn", sqrt(36.0));
    return 0;
}
```

Α	6.0	В 6
		D
С	6.0000	Some absurd result

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17 Binary equivalent of 5.375 is



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18 Which error you are likely to get when you run the following program?

```
#include<stdio.h>
main()
{
    . . .
```

```
struct emp
{
  char name[20];
  float sal;
}
  struct emp e[10];
  int i;
  for(i=0;i<=9;i++)
   scanf("%s, %f",e[i].name,&e[i].sal);
  return 0;
}</pre>
```

Α	В
suspecious pointer conversion	Floating point formats not linked
С	D
Cannot use scanf for strutures	Strings cannot be nested inside structures

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```
#include<stdio.h>
int main()
{
    float a =5.375;
    char *p;
    int i;
    p = (char*)&a;
    for(i=0;i<=3;i++)
        printf("%02x", (unsigned char)p[i]);
    return 0;
}</pre>
```

Α	40 AC 00 00	В	04 CA 00 00
С	00 00 AC 40	D	00 00 CA 04

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What will be the output of the following program:

```
#include<stdio.h>
main()
{
        int a=555,b=*ptr,*ptr=&a;
        printf("%d %d %d",++a,--b,*ptr++);
}
```

Α			
Comp	oile Error	В	555 554 555
С	556 554 555	D	557 554 555

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What will be the output of the following program:

```
#include<stdio.h>
void main()
{
     float val=5.75;
     int *ptr=&val;
     printf("%.2f %.2f",*(float *)ptr,val);
}
```

Α			
Comp	oile Error	В	5.75 5.75
С	5.00 5.75	D	None of these

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22 What will be the output of the following program:

```
#include<stdio.h>
main()
{
    int a=5u,*b,**c,***d,****e;
    b=&a;
    c=&b;
    d=&c;
    e=&d;
    printf("%u %u %u %u",*b-5,**c-11,***d-6,65535+****e);
}
```

Choose File No file chosen

Α	В
Compile Error	0 65530 65535 4
С	
65530 65535 65539	D 0-6-1-2

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What will be the output of the following program:

```
#include<stdio.h>
void main()
{
        int (*a)[5];
        printf("%d %d",sizeof(*a),sizeof(a));
}
```

А	Compile error	В	2 5
С	5 2	D	None of these

View answer

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24 What will be output of following program?

```
#include<stdio.h>
#include<string.h>
int main()
{
   int register a;
   int register a;
}
```

Report

25 What will be the output of the following program:

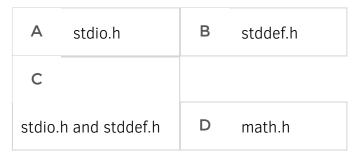
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```
#include<stdio.h>
main()
{
        int val=1234;
        int* ptr=&val;
        printf("%d %d",val,*ptr++);
}
```

Α	1234 1234	В	1235 1235
С	1234 1235	D	1235 1234

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26 In which header file is the NULL macro defined?



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27 What will be output of following program?

#include<stdio.h>
#include<string.h>
int main()

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