

Pretest CPE 100

Total points 16/20 ?

0 of 0 points

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Questions

16 of 20 points

Consider the given piece of C code, what is the datatype of number 5?

1/1

```
float a;  
a = 5;
```

- ☒ int
- ☐ float
- ☐ double
- ☐ All wrong
- ☐ All correct

What is the result from the following code?

1/1

```
A=75;  
if (A > 100)    printf("Super\n");  
else if (A > 80) printf ("Good\n");  
else if (A > 60) printf ("Fair\n");  
else if (A > 40) printf ("Poor\n");  
else    (A<=40) print ("Fail\n");
```

- ☐ Good
- ☐ Fair
- ☐ Poor
- ☐ Fail
- ☒ All wrong

Which of the following statements are assignment statements?

0/1

- ☐ a++=a;
- ☒ a+=a;
- ☐ a=a++;
- ☐ a and b
- ☐ b and c

What is the result of the C code given below?

1/1

```
int A = 1;
do {
    A+=2;
    printf("%d.", A);
} while (A < 11);
```

- ☐ 1.2.3.4.5.6.7.8.9.10.
- ☐ 1.3.5.7.9.
- ☐ 2.4.6.8.10.
- ☒ 3.5.7.9.11.
- ☐ All wrong

Which of the datatypes is not supported by C language?

1/1

- ☒ byte
- ☐ int
- ☐ short int
- ☐ float
- ☐ all correct

What is the result of the following C code?

0/1

```
printf("%d",4/5*20)
```

- ☐ 0
- ☐ 1
- ☒ 0.04
- ☐ 16
- ☐ All wrong

what is the output of the following C code?

1/1

```
int n;  
n=10;  
n=!n>14;  
printf("n=%d\n",n);
```

- ☐ 10
- ☐ 14
- ☒ 0
- ☐ 1
- ☐ All wrong

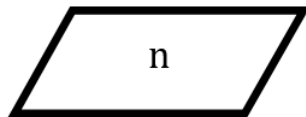
what is the range of integer that a byte can store?

1/1

- ☐ 0 to 255
- ☐ -128 to 127
- ☐ -256 to 255
- ☒ Both a and b are correct
- ☐ All correct

What is the meaning of the given flowchart symbol?

1/1



- ☐ Input n
- ☐ Output n
- ☐ Declare variable n
- ☒ All incorrect
- ☐ All correct

What is the datatype you can use with switch case?

1/1

- ☐ Floating point
- ☐ String
- ☒ Integer
- ☐ Both a and b
- ☐ All correct

What is the result of the C code given below when i=0 and j= 0?

1/1

```
if (i>1)
    if(j>1) printf("First\n");
else printf("Second\n");
```

- ☒ No result on screen
- ☐ First
- ☐ Second
- ☐ Syntax error
- ☐ All wrong

Why do we have to put & in front of a variable when scanf()?

1/1

- ☐ Change to value
- ☒ Change to address
- ☐ Create a place holder for scanf()
- ☐ All correct
- ☐ All wrong

what is the output of the following C code?

1/1

```
int x,y,i;
for(i=0;i<5;i++)
{
    x=i++; y=++i;
    printf("%d%d",x,y);
}
```

- ☐ 01234
- ☒ 0235
- ☐ 0246
- ☐ 1245
- ☐ 1345

If all the syntax errors and warning are removed from the code below, what is the result of the program? 1/1

```
1 float A;  
2 for( A=1; A<5; A++)  
3 {  
4     if(A%2==1);  
5         continue;  
6     printf("%d,", &A);  
7 }
```

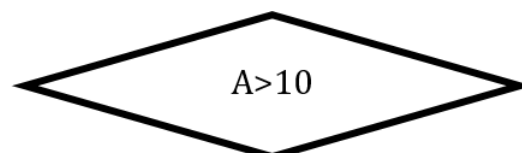
- ☐ 1,2,3,4,5
- ☐ 1,2,3,4,
- ☒ 1,3,
- ☐ 2,4,
- ☐ All wrong

What are lines with errors that compiler can detect in the following code? 0/1

```
1 float A;  
2 for( A=1; A<5; A++)  
3 {  
4     if(A%2==1);  
5         continue;  
6     printf("%d,", &A);  
7 }
```

- ☐ Line 1.
- ☐ Line 2.
- ☐ Line 4.
- ☒ Line 6.
- ☐ All 1, 2 4 and 6 will be detected

What is the possible C code generated from the following flowchart symbol? 0/1



- ☐ if A>10
- ☐ while (A>10)
- ☐ else (A>10)
- ☐ switch (A>10)
- ☒ all correct

What is the result of C code given below when A = 5 and B = 6?

1/1

```
if( ++A > B-- ) {  
    printf("%d\n",A);  
} else{  
    printf("%d\n",B);  
}
```

- ☐ 4
- ☒ 5
- ☐ 6
- ☐ 7
- ☐ All wrong

What is the text that can be written in side the following flowchart symbol?

1/1



- ☐ Start/stop
- ☐ Begin/end
- ☐ Function name
- ☐ a and b
- ☒ all correct

What do you use to generate machine codes from C source codes?

1/1

- ☐ Assembler
- ☐ Interpreter
- ☒ Compiler
- ☐ All correct
- ☐ All wrong

If the result of printf("%d",3__1) is 1, what could be the operator in the blank?

1/1

- ☐ >>
- ☐ ||
- ☐ &
- ☐ All wrong
- ☒ All correct

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