Q1.Which of the following is not a valid C variable name?  
a)int number;  
b) float rate;  
c) int variable\_count;  
d) int $main;

.

Q2. Which of the following is true for variable names in C?  
a) They can contain alphanumeric characters as well as special characters  
b) It is not an error to declare a variable to be one of the keywords(like goto, static)  
c) Variable names cannot start with a digit  
d) Variable can be of any length

Q3. All keywords in C are in  
a) LowerCase letters  
b) UpperCase letters  
c) CamelCase letters  
d) None of the mentioned

Q4. What will happen if the below program is executed?

1. #include <stdio.h>
2. int main()
3. {
4. int main = 3;
5. printf("%d", main);
6. return 0;
7. }

a) It will cause a compile-time error  
b) It will cause a run-time error  
c) It will run without any error and prints 3  
d) It will experience infinite looping

Q5. What is the output of this C code?

1. #include <stdio.h>
2. int main()
3. {
4. int var = 010;
5. printf("%d", var);
6. }

a) 2  
b) 8  
c) 9  
d) 10

Q6. What is the output of this C code?

1. #include <stdio.h>
2. int main()
3. {
4. int i = 3;
5. int l = i / -2;
6. int k = i % -2;
7. printf("%d %d**\n**", l, k);
8. return 0;
9. }

a) Compile time error  
b) -1 1  
c) 1 -1  
d) Implementation defined

Q 7. What is the output of this C code?

1. #include <stdio.h>
2. int main()
3. {
4. int i = 3;
5. int l = i / -2;
6. int k = i % -2;
7. printf("%d %d**\n**", l, k);
8. return 0;
9. }

a) Compile time error  
b) -1 1  
c) 1 -1  
d) Implementation defined

Q8. What is the output of this C code?

1. #include <stdio.h>
2. void main()
3. {
4. int y = 3;
5. int x = 5 % 2 \* 3 / 2;
6. printf("Value of x is %d", x);
7. }

a) Value of x is 1  
b) Value of x is 2  
c) Value of x is 3  
d) Compile time error

Q9. The precedence of arithmetic operators is (from highest to lowest)  
a) %, \*, /, +, –  
b) %, +, /, \*, –  
c) +, -, %, \*, /  
d) %, +, -, \*, /

Q10. What is the output of this C code?

1. #include <stdio.h>
2. int main()
3. {
4. int a = 10, b = 5, c = 5;
5. int d;
6. d = a == (b + c);
7. printf("%d", d);
8. }

a) Syntax error  
b) 1  
c) 10  
d) 5

Q11.  What is the output of this C code?

1. #include <stdio.h>
2. int main()
3. {
4. int c = 2 ^ 3;
5. printf("%d**\n**", c);
6. }

a) 1  
b) 8  
c) 9  
d) 0

Q12. What is the output of this C code?

1. #include <stdio.h>
2. int main()
3. {
4. int a = 10;
5. a = ~a;
6. printf("%d**\n**", a);
7. }

a) -9  
b) -10  
c) -11  
d) 10

Q13. What is the output of this C code?

1. #include <stdio.h>
2. int main()
3. {
4. int a = 2;
5. if (a >> 1)
6. printf("%d**\n**", a);
7. }

a) 0  
b) 1  
c) 2  
d) No Output.

Q14. switch(option)

{

case 'H' : printf("Hello");

case 'W' : printf("Welcome");

case 'B' : printf("Bye");

break;

}

what would be the output if option = 'H' ?

Q15. What value of c will get printed

main()

{

int a,b,c;

a=10;

b=20;

c=printf("%d",a)+ ++b;

printf("\n%d",c);

}

Q16.What will be the output

main()

{

if(1,0)

{

printf("True");

}

else

{

printf("False");

}

}

Q17.  What will be output of the following c program?

#include "stdio.h"

int main()

{

int \_ = 5;

int \_\_ = 10;

int \_\_\_;

\_\_\_ = \_ + \_\_;

printf("%i", \_\_\_);

return 0;

}

Q18.What will be the output

main()

{

int i;

i = 10;

if(i == 20 || 30)

{

printf("True");

}

else

{

printf("False");

}

}

.

Q19.  How many times the below loop will get executed?

main()

{

int i;

for(i=9;i;i=i-2)

{

printf("\n%d",i);

}

}

Q20. How many times the below loop will get executed?

main()

{

int i;

for(i=9;i;i=i-2)

{

printf("\n%d",i);

}

}