

C Multiple Choice Questions with Answers

Q1: `int a = printf("firstBit") && printf("Solutions"); printf("%d", a);`

Answer: (b) firstBitSolutions1

Q2: Which of the following is an arithmetic operator?

Answer: (d) +

Q3: `int a = printf("one"); int b = printf("two"); int c = a || b; printf("%d", c);`

Answer: (a) onetwo1

Q4: What will be the result of `10 / 4` in C?

Answer: (b) 2

Q5: `int x = printf("") || printf(""); printf("%d", x);`

Answer: (a) 0

Q6: Which operator is used for comparison?

Answer: (b) ==

Q7: `int a = printf("A"); int b = printf("B"); int c = a && b; printf("%d", c);`

Answer: (b) AB1

Q8: What is the output of `printf("%d", 7 % 3);`?

Answer: (a) 2

Q9: `int a = printf("") && printf("java"); printf("%d", a);`

Answer: (d) 0

Q10: Which operator has the highest precedence?

Answer: (b) ()

Q11: What does `a += 3;` mean?

Answer: `a = a + 3`

Q12: What is the output of `printf("%d", 5 > 3);`?

Answer: (a) 1

Q13: `int a = printf("") || printf("firstbit"); printf("%d", a);`

Answer: (a) firstbit1

Q14: What is the type of operator `&&`?

Answer: (c) Logical

Q15: `int a = printf("abc"); a = printf("xyz"); printf("%d", a);`

Answer: (a) abcxyz3

Q16: What is the result of `3 > 2 && 4 < 5`?

Answer: (a) 1

Q17: What is the meaning of `a = b++;`?

Answer: (a) a is assigned b, then b is incremented

Q18: In `x = y = 5`, which assignment happens first?

Answer: (b) `y = 5`

Q19: What will be the output of `printf("%d", 5 < 3 || 4 < 10);`?

Answer: (b) 1

Q20: `int a = 3; printf("%d", a++ + ++a);`

Answer: (c) Undefined Behaviour

Q21: `int x = 5; printf("%d", x != 5);`

Answer: (b) 0

Q22: `int a = 2, b = 3; printf("%d", a * b + b);`

Answer: (a) 9

Q23: `printf("%d", printf("%d", 123));`

Answer: (d) 1231

Q24: `int a = 2; a = a++ * 2; printf("%d", a);`

Answer: (d) Undefined Behaviour

Q25: `int a = 0; printf("%d", a || a++); printf("%d", a);`

Answer: (a) 01

Q26: Which of the following expressions is valid in `printf()` and returns 2?

Answer: (d) All of the above

Q27: `int x = 0; x = x++ + x++ + x++; printf("%d", x);`

Answer: (d) Undefined Behaviour

Q28: `int a = 10; int b = printf("%d", a = a--); printf(" %d %d",a,b);`

Answer: (c) Undefined

Q29: `printf("%d", printf("%d", printf("A")));`

Answer: (a) A12

Q30: `int c = printf("%c", 'A' + 1); printf(" %d",c);`

Answer: (c) B 1