

## JS Operators -2

1. What is the result of  $10 \% 3$ ? A) 1 B) 2 C) 3 D) 0
  1. A) 1
2. Which operator is used for exponentiation in JavaScript? A)  $\wedge$  B)  $**$  C)  $\text{pow}()$  D)  $\text{exp}()$ 
  2. B)  $**$
3. What will be the output of  $5 + 3 * 2$ ? A) 16 B) 11 C) 13 D) 10
  3. B) 11
4. What is the result of ' $10$ ' - 2 in JavaScript? A) 8 B) "102" C) NaN D) 12
  4. A) 8
5. Which operator increments a variable by 1? A)  $--$  B)  $++$  C)  $**$  D)  $//$ 
  5. B)  $++$
6. What does  $==$  check in JavaScript? A) Value only B) Type only C) Value and type D) None
  6. C) Value and type
7. What will  $(5 == '5')$  return? A) true B) false C) NaN D) Error
  7. A) true
8. Which comparison operator also checks type? A)  $==$  B)  $==$  C)  $!=$  D)  $<=$ 
  8. B)  $==$
9. What is the result of  $(10 > 9) \&\& (10 < 20)$ ? A) true B) false C) NaN D) Error
  9. A) true
10. What is the result of  $(5 != 6)$ ? A) true B) false C) NaN D) undefined
  10. A) true
11. Which operator represents logical AND? A)  $\&\&$  B)  $||$  C)  $!$  D)  $\&$ 
  11. A)  $\&\&$
12. What is the result of  $true || false$ ? A) true B) false C) NaN D) Error
  12. A) true
13. What is the result of  $!false$ ? A) true B) false C) 0 D) 1
  13. A) true
14. Which operator is used for logical OR? A)  $\&\&$  B)  $||$  C)  $!$  D)  $\wedge$ 
  14. B)  $||$
15. What will  $(true \&\& false)$  return? A) true B) false C) NaN D) undefined
  15. B) false
16. What is the result of  $5 \& 1$ ? A) 1 B) 0 C) 5 D) NaN
  16. A) 1

17. What is the result of  $5 \mid 2$ ? A) 7 B) 2 C) 1 D) 0

17. A) 7

18. What does  $5 \wedge 1$  evaluate to? A) 4 B) 5 C) 6 D) 7

18. A) 4

19. Which bitwise operator shifts bits to the left? A)  $\gg$  B)  $\ll$  C)  $\&$  D)  $\mid$

19. B)  $\ll$

20. What is the result of  $\sim 5$ ? A) -6 B) 6 C) 4 D) -5

20. A) -6

21. Which operator assigns a value to a variable? A)  $=$  B)  $==$  C)  $==$ = D)  $=>$

21. A)  $=$

22. What does  $+=$  operator do? A) Adds right to left B) Subtracts right from left C) Assigns only D) None

22. A) Adds right to left

23. If  $x = 10; x -= 3$ ; what is  $x$ ? A) 7 B) 13 C) 3 D) 5

23. A) 7

24. If  $y = 4; y *= 2$ ; what is  $y$ ? A) 8 B) 2 C) 6 D) 4

24. A) 8

25. If  $z = 8; z /= 2$ ; what is  $z$ ? A) 4 B) 2 C) 8 D) 16

25. A) 4

26. What is the result of  $(10 == '10')$ ? A) true B) false C) Error D) NaN

26. A) true

27. Which operator returns remainder after division? A)  $\%$  B)  $/$  C)  $//$  D)  $\text{mod}()$

27. A)  $\%$

28. What is the result of  $(\text{true} \mid\mid \text{false} \&\& \text{false})$ ? A) true B) false C) undefined D) Error

28. A) true

29. Which operator in JS is used for exponentiation? A)  $\wedge$  B)  $**$  C)  $\text{pow}()$  D)  $\text{exp}()$

29. B)  $**$

30. If  $a = 6; a \% 4$ ; what is  $a$ ? A) 0 B) 2 C) 4 D) 6

30. B) 2

31. What does  $(2 \ll 1)$  evaluate to? A) 4 B) 2 C) 8 D) 6

31. A) 4

32. What does  $(8 \gg 2)$  evaluate to? A) 2 B) 4 C) 8 D) 1

32. A) 2

33. Which operator checks inequality without type conversion? A)  $!==$  B)  $!=$  C)  $==$  D)  $====$

33. A)  $!==$

34. What is (false == 0)? A) true B) false C) undefined D) NaN

34. A) true

35. Which logical operator returns true if exactly one condition is true? A) && B) || C) ^ D)

!== 35. C) ^

36. What does (3 \*\* 2) return? A) 6 B) 9 C) 8 D) 7

36. B) 9

37. If b = 5; b &= 3; what is b? A) 1 B) 5 C) 7 D) 3

37. A) 1

38. What is (~0)? A) -1 B) 0 C) 1 D) NaN

38. A) -1

39. Which operator is used to assign if value is null or undefined (ES2020)? A) ?? B) || C) &&

D) => 39. A) ??

40. What will (null == undefined) return? A) true B) false C) undefined D) NaN JS Operators –

2 40. A) true