



JAVASCRIPT QUESTION BANK (Topic-wise)

(ONLY question + sample output, no explanation, no answers)

1. Basics of JS & Variables

JS1 ClassNotes

Q1:

Write JS code to print “Apna College JS Started”.

Output:

Apna College JS Started

Q2:

Create variables: name, age, price. Print them.

Output:

Ajay

20

99.5

Q3:

Check variable naming rules by creating valid & invalid variable names.

Output:

SyntaxError

Q4:

Use let, const & var and print their values.

Output:

10

20

30

2. Data Types

JS1 ClassNotes

Q5:

Create variables with all primitive types and print typeof.

Output:

number

string

boolean

undefined

object

bigint

symbol

3. Operators & Conditions

JS2 ClassNotes

Q6:

Check if a number is even or odd using %.

Output:

Odd Number

Q7:

Compare `5 == "5"` and `5 === "5"`.

Output:

true

false

Q8:

Use ternary operator to check if $\text{age} \geq 18$.

Output:

Adult

Q9:

Grade calculation (0–100 marks).

Output:

Grade B

4. Loops

JS3 ClassNotes

Q10:

Print numbers from 1 to 10 using for loop.

Output:

1 2 3 4 5 6 7 8 9 10

Q11:

Print all even numbers from 0 to 100.

Output:

0 2 4 6 ... 100

Q12:

Guessing game → user keeps entering until correct number.

Output:

Correct Guess!

5. Strings

JS3 ClassNotes

Q13:

Find length of string "JavaScript".

Output:

10

Q14:

Convert string to uppercase.

Output:

HELLO WORLD

Q15:

Slice first 4 characters of "ApnaCollege".

Output:

Apna

Q16:

Generate username like:

input → "shradhakhapra"

output → @shradhakhapra13

Output:

@shradhakhapra13

6. Arrays

JS4 ClassNotes

Q17:

Print all elements of array [1,2,3,4].

Output:

1

2

3

4

Q18:

Find average of [85,97,44,37,76,60].

Output:

66.5

Q19:

Apply 10% discount on price array.

Output:

225 580.5 270 810 45

Q20:

Array method demo: push → pop → shift.

Output:

After push: [1,2,3,4]

After pop: [1,2,3]

After shift: [2,3]

7. Functions

JS5 ClassNotes (1)

Q21:

Function to count vowels in a string.

Output:

Number of vowels: 3

Q22:

Arrow function returning square of a number.

Output:

25

8. forEach / map / filter / reduce

JS5 ClassNotes (1)

Q23:

Using forEach, print square of each value.

Output:

1 4 9 16

Q24:

Filter all even numbers.

Output:

[2,4,6,8]

Q25:

Reduce → find product of elements.

Output:

720

9. Objects, Classes, Inheritance

JS11 Class Notes

Q26:

Create object product with name, price, rating.

Output:

{ name: 'Laptop', price: 50000, rating: 4.5 }

Q27:

Class User with name & email → method viewData().

Output:

User Data Viewed

Q28:

Admin class extends User → editData().

Output:

Data Edited by Admin

10. Promises, Async/Await

JS12 ClassNotes

Q29:

Create a promise that resolves after 2 seconds.

Output:

Promise Resolved!

Q30:

Async function using await to wait for promise.

Output:

Waiting...

Done!

11. DOM Manipulation

JS6 ClassNotes

Q31:

Select an element with id “title” & print innerText.

Output:

Welcome to JS

Q32:

Create <h2> → add text “Hello JavaScript from Apna College students”.

Output on webpage:

Hello JavaScript from Apna College students

Q33:

Add class to an element using classList.

Output:

class added successfully

12. Events

JS7 ClassNotes

Q34:

Button click → print “Button pressed”.

Output:

Button pressed

Q35:

Toggle dark/light mode on click.

Output:

Dark Mode Enabled

Light Mode Enabled