

Dart Fundamentals MCQ Quiz (20 Questions)

1. What is the file extension of a Dart program?
a) .java b) .dart c) .js d) .py
2. Which function is the entry point of every Dart application?
a) start() b) main() c) run() d) init()
3. How do you declare a variable in Dart without assigning a type?
a) let x; b) var x; c) int x; d) dynamic var x;
4. Which keyword is used for a compile-time constant in Dart?
a) var b) final c) const d) static
5. Which operator is used to check equality in Dart?
a) = b) == c) === d) !=
6. Which of the following is NOT a built-in data type in Dart?
a) int b) double c) boolean d) String
7. What's the default value of an uninitialized variable in Dart?
a) 0 b) null c) undefined d) empty
8. How do you define a list of integers in Dart?
a) List numbers = []; b) int numbers = []; c) var numbers = int[]; d) array numbers = [];
9. Dart is primarily:
a) Dynamically typed only b) Statically typed only c) Both statically and dynamically typed d) Untyped
10. How do you declare a nullable integer in Dart?
a) int num; b) int? num; c) nullable int num; d) int num?;
11. Which loop is best for iterating over a fixed range of numbers?
a) for loop b) while loop c) do-while loop d) switch
12. How do you break out of a loop early in Dart?
a) stop; b) end; c) break; d) exit;
13. Which keyword skips the current iteration and continues with the next one?
a) skip b) next c) continue d) return
14. Which keyword is used in Dart for multiple condition handling?
a) if-else b) for c) switch d) when
15. Which is the correct way to define a function returning an int?
a) int add(x, y) { return x + y; } b) void add(x, y) { return x + y; } c) function add(x, y) -> int d) num add(x, y): int {}
16. What is an anonymous function in Dart?
a) A function without a name b) A function without return type c) A static function d) A constructor
17. How do you define named parameters in Dart?
a) (int a, int b) b) ({int a, int b}) c) [int a, int b] d)
18. How do you make a function parameter optional in Dart?
a) Put it inside [] b) Put it inside {} c) Use optional keyword d) Use default keyword

19. What does the ?? operator do in Dart?

a) Null check (throws error if null) b) Returns the right-hand value if left-hand is null c) Combines two numbers d) None of the above

20. In Dart, String is:

a) A primitive type b) An object c) A number d) A keyword