

1.

Which symbol is used to represent the logical OR operator in Dart?

1

a) &&

2

b) ||

3

c) !

4

d) &

2.

What is the purpose of an if-else statement in Dart?

1

a) To declare variables

2

b) To perform arithmetic operations

3

c) To execute different code blocks based on a condition

4

d) To define classes and objects

3.

What is the output of the following code snippet?

```
var x = 5;  
if (x > 5) {  
  print('A');  
} else if (x > 2) {  
  print('B');  
} else {
```

```
print('C');  
}
```

1

a) A

2

b) B

3

c) C

4

d) Error

4.

What is the output of the following code snippet?

```
var x = 5;  
if (x > 3) {  
  if (x > 10) {  
    print('A');  
  } else {  
    print('B');  
  }  
} else {  
  print('C');  
}
```

1

a) A

2

b) B

3

c) C

4

d) Error

5.

What is the output of the following code snippet?

```
var num = 7;  
if (num % 2 == 0) {  
  print('Even');  
} else {  
  print('Odd');  
}
```

1

a) Even

2

b) Odd

3

c) 7

4

d) Error

6.

Which of the following is an infinite loop in Dart?

1

a) for (var i = 0; i < 5; i++) { }

2

b) for (var i=1; i>0; i++) { }

3

c) for (var i = 5; i > 0; i--) { }

4

d) for (var i = 0; i <= 5; i++) { }

7.

Which keyword is used to prematurely terminate a loop in Dart?

1

a) exit

2

b) skip

3

c) stop

4

d) break

8.

What is the purpose of a for loop in Dart?

1

a) To execute code a specific number of times

2

b) To declare functions

3

c) To handle exceptions

4

d) None of the above

9.

What is the output of the following code snippet?

```
var x = 5; for (var i = 0; i < x; i++) { print(i); }
```

1

a) 0 1 2 3 4

2

b) 1 2 3 4 5

3

c) 0 1 2 3

4

d) 1 2 3 4

10.

What is the purpose of the continue statement in Dart?

1

a) To exit the loop entirely

2

b) To skip the remaining code in the current iteration and proceed to the next iteration

3

c) To restart the loop from the beginning

4

d) To reverse the loop direction