Q1 Which of the following is a correct way to declare a variable in TypeScript?

Q2 What is the file extension used for TypeScript files?

Q3: Which keyword is used to define an interface in TypeScript?

Interface

Q4: How do you specify the type of a function parameter in TypeScript?

Q5: Which of the following is not a TypeScript data type?

Q6:What does the 'extends' keyword do in TypeScript?

Q7:Which of the following allows you to create an instance of a class in TypeScript?

new

Q8:What is the correct syntax for importing a module in TypeScript?

Q9:How do you specify an optional parameter in a TypeScript function?

Answer: parameter?: type

Q10:What is the use of the 'readonly' modifier in TypeScript?

Q11:Which TypeScript feature allows you to catch errors at compile time rather than runtime?

Q12:How do you declare a tuple in TypeScript?

let tuple: [string, number]

Q13:What is the TypeScript compiler command?

Q14:What is the use of the 'abstract' keyword in TypeScript?

To define an abstract class or method

Q15:How do you define a union type in TypeScript?

type Union = string | number

Q16:Which decorator is used for class methods in TypeScript?

@MethodDecorator

Q17:What is the purpose of 'namespace' in TypeScript?

To encapsulate a group of related code

Q18:Which of the following is used to map the original TypeScript code to the emitted JavaScript code for debugging purposes?

Q19:What does the 'any' type represent in TypeScript?

Q20:How do you create a generic function in TypeScript?

function func<T>(arg: T): T

Q21:Which command is used to initialize a TypeScript project?

Q22:What does the 'type' keyword do in TypeScript?

To define a custom type alias

Q23:How do you define a type for an array of numbers in TypeScript?

let arr: number[]

Q24:Which of the following is used to handle asynchronous operations in TypeScript?

Q25:What does the 'never' type represent in TypeScript?

A type that never occurs

Q26:How do you specify a return type for a function in TypeScript?

Q27:Which of the following is true about interfaces in TypeScript?

They can only have method declarations

Q28:What is the correct way to cast a variable to a specific type in TypeScript?

Q29:What does the 'unknown' type represent in TypeScript?

Q30:Which of the following is a way to define a module in TypeScript?

Q31:How do you specify the visibility of a class member in TypeScript?

Q32:What is the correct syntax to extend a class in TypeScript?

Q33:Which of the following is true about TypeScript enums?

Q34:How do you define a type for an object with specific properties in TypeScript?

let obj: { prop: type }

Q35:What is the use of the 'is' keyword in TypeScript?

Q36:Which TypeScript feature allows you to extract and reuse type information?

Q37:How do you declare a readonly property in TypeScript?

readonly prop: type

Q38:Which of the following is a correct way to declare a constant in TypeScript?

Q39:What does the 'void' type represent in TypeScript?

A type that represents no value

Q40:How do you define a rest parameter in a TypeScript function?

function func(...args: type[])

Q41:Which of the following is a correct way to specify a default parameter value in TypeScript?

Q42:What is the purpose of the 'type' keyword in TypeScript?

Defines a custom type alias

Q43:How do you create a new instance of a class in TypeScript?

let instance = new ClassName()

Q44:Which of the following is a correct way to define a private property in a TypeScript class?

private prop: type

Q45:What does the 'as' keyword do in TypeScript?

Asserts a variable's type

Q46:How do you specify a function's return type in TypeScript?

function func(): type

Q47:Which of the following TypeScript types represents a non-existent value?

Null, undefined, void

Q48:What does the 'typeof' operator do in TypeScript?

Q49:How do you create a readonly property in TypeScript?

readonly prop: type

Q50:Which of the following is a correct way to define a union type in TypeScript?

type Union = string | number

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Answer: To define an abstract class or method

Q52:How do you create an enum in TypeScript?

Q53:Which of the following is a correct way to declare a tuple in TypeScript?

let tuple: [string, number]

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Q55:Which of the following allows you to import a module in TypeScript?

new

Q56:How do you specify an optional property in a TypeScript interface?

property?: type

Q57:What is the use of the 'readonly' modifier in TypeScript?

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