**Question 1**

Which of these words belong to the set of Java keywords?

|  |  |
| --- | --- |
| a. | **Double** |
| b. | **goto** |
| c. | min |
| d. | extern |
| e. | **new** |
| f. | signed |
| g. | **finally** |
| h. | **const** |
| i. | and |
| j. | array |
| k. | **do** |

**Question 2**

class MCZ15 {

public static void main (String[] args) {

float a = 1.1e1f; // 1

float b = 1e-1F; // 2

float c = .1e1f; // 3

double d = .1d; // 4

double e = 1D; // 5

}}

A compile-time error is generated at which line?

|  |  |
| --- | --- |
| a. | 1 |
| b. | 2 |
| c. | 3 |
| d. | 4 |
| e. | 5 |
| f. | **None of the above** |

**Question 3**

Which of these words belong to the set of Java keywords?

|  |  |
| --- | --- |
| a. | declare |
| b. | global |
| c. | **const** |
| d. | preserve |
| e. | **continue** |
| f. | Float |
| g. | **extends** |
| h. | select |
| i. | **break** |
| j. | dim |
| k. | instanceOf |

**Question 4**

class MCZ16 {

public static void main (String[] args) {

float a = 1; // 1

float b = 1L; // 2

float c = 1F; // 3

float d = 1.0; // 4

}}

A compile-time error is generated at which line?

|  |  |
| --- | --- |
| a. | 1 |
| b. | 2 |
| c. | 3 |
| d. | **4** |
| e. | None of the above |

**Question 5**

Which of these words belong to the set of Java keywords?

|  |  |
| --- | --- |
| a. | next |
| b. | **catch** |
| c. | function |
| d. | **instanceof** |
| e. | mod |
| f. | **const** |
| g. | or |
| h. | Boolean |
| i. | **goto** |
| j. | **import** |
| k. | **transient** |

**Question 6**

class MCZ17 {

public static void main (String[] args) {

String a = "\n"; // 1

String b = "\r"; // 2

String c = "\u000a"; // 3 \u000a = new line

String d = "\u000d"; // 4 \u000d = return

}}

Compile-time errors are generated at which lines?

|  |  |
| --- | --- |
| a. | 1 |
| b. | 2 |
| c. | **3** |
| d. | **4** |

**Question 7**

Which of these words belong to the set of Java keywords?

|  |  |
| --- | --- |
| a. | **byte** |
| b. | **short** |
| c. | **int** |
| d. | **long** |
| e. | decimal |
| f. | int64 |
| g. | **float** |
| h. | single |
| i. | **double** |
| j. | **boolean** |
| k. | **char** |
| l. | unsigned |
| m. | array |
| n. | string |

**Question 8**

class MCZ18 {

public static void main (String[] args) {

String a = "abcd"; // 1

String b = "'\u0041'"; // 2

String c = "\u0041"; // 3

String d = "\uD7AF"; // 4

System.out.print(a+b+c+d); // 5

}}

A compile-time error is generated at which line?

|  |  |
| --- | --- |
| a. | 1 |
| b. | 2 |
| c. | 3 |
| d. | 4 |
| e. | 5 |
| f. | **None of the above** |

**Question 9**

Which of these words belongs to the set of Java keywords?

|  |  |
| --- | --- |
| a. | clause |
| b. | loop |
| c. | expression |
| d. | overrides |
| e. | statement |
| f. | assertion |
| g. | validate |
| h. | exception |
| i. | cast |
| j. | **None of the above** |

**Question 10**

class MCZ20 {

public static void main (String[] args) {

// Insert code here.

}}

Which of the following lines can be inserted at the specified location without generating a compile-time error?

|  |  |
| --- | --- |
| a. | String a = 'a'; |
| b. | String b = 'abc'; |
| c. | String c = '\u0041'; |
| d. | String d = '\uabcd'; |
| e. | **None of the above** |

**Question 11**

class MCZ21 {

public static void main (String[] args) {

// Insert code here.

}}

Which of the following lines can be inserted at the specified location without generating a compile-time error?

|  |  |
| --- | --- |
| a. | char a = a; |
| b. | char b = abc; |
| c. | char c = \u0041; |
| d. | char d = \uabcd; |
| e. | **None of the above** |

**Question 12**

class MCZ24 {

public static void main (String[] args) {

char a = 061; // 1

char b = '\61'; // 2

char c = '\061'; // 3

char d = 0x0031; // 4

char e = '\u0031'; // 5

System.out.print(""+a+b+c+d+e);

}}

A compile-time error is generated at which line?

|  |  |
| --- | --- |
| a. | 1 |
| b. | 2 |
| c. | 3 |
| d. | 4 |
| e. | 5 |
| f. | **None of the above** |

**Question 13**

class MCZ25 {

public static void main (String[] args) {

char a = '\7'; // 1

char b = '\61'; // 2

char c = '\062'; // 3

char d = '\x7'; // 4

char e = '\x41'; // 5

System.out.print(""+a+b+c+d+e);

}}

Compile-time errors are generated at which lines?

|  |  |
| --- | --- |
| a. | 1 |
| b. | 2 |
| c. | 3 |
| d. | **4** |
| e. | **5** |

**Question 14**

class JJF6 {

char c1 = 0xffff; // 1

char c2 = 0xfffff; // 2

byte b1 = 0xffff; // 3

byte b2 = 0x7f; // 4

byte b3 = 0xff; // 5

byte b4 = -0x80; // 6

}

Compile-time errors are generated at which lines?

|  |  |
| --- | --- |
| a. | 1 |
| b. | **2** |
| c. | **3** |
| d. | 4 |
| e. | **5** |
| f. | 6 |

**Question 15**

class MCZ19 {

public static void main (String[] args) {

String a1 = null; // 1

String b1 = 'null'; // 2

String c1 = "null"; // 3

String d1 = "'null'"; // 4

}}

A compile-time error is generated at which line?

|  |  |
| --- | --- |
| a. | 1 |
| b. | **2** |
| c. | 3 |
| d. | 4 |
| e. | None of the above |

**Question 16**

class MCZ22 {

public static void main (String[] args) {

// Insert code here.

}}

Which of the following lines will generate a compile-time error if inserted at the specified location?

|  |  |
| --- | --- |
| a. | char a = 0x0041; |
| b. | char b = '\u0041'; |
| c. | char c = 0101; |
| d. | **char d = -1;** |
| e. | char e = (char)-1; |
| f. | None of the above |

**Question 17**

class MCZ23 {

public static void main (String[] args) {

// Insert code here.

}}

Which of the following lines can be inserted at the specified location without generating a compile-time error?

|  |  |
| --- | --- |
| a. | **boolean b1 = true;** |
| b. | boolean b2 = TRUE; |
| c. | boolean b3 = 'true'; |
| d. | boolean b4 = "TRUE"; |
| e. | boolean b5 = 0; |
| f. | None of the above |

**Question 18**

class GFM17 {

int x; // 1

public static void main(String[] args) { // 2

int y = 0; // 3

System.out.print(x+","); // 4

System.out.print(y); // 5

}}

What is the result of attempting to compile and run the program?

|  |  |
| --- | --- |
| a. | Prints: 0,0 |
| b. | Compile-time error at line 1. |
| c. | Compile-time error at line 1. |
| d. | Compile-time error at line 2. |
| e. | Compile-time error at line 3. |
| f. | **Compile-time error at line 4.** |
| g. | Compile-time error at line 5. |
| h. | Run-time error |
| i. | None of the above |