|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | 1) | Point out the error, if any in the for loop. | |  | |  |  | | --- | --- | | a) | There should be a condition in the for loop | | b) | The two semicolons should be dropped | | c) | The for loop should be replaced with while loop. | | d) | No error |   . | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | 2) | Which of the following statements are correct about the program? | |  | |  |  | | --- | --- | | a) | It prints all even bits from num | | b) | It prints all odd bits from num | | c) | It prints binary equivalent num | | d) | Error |   . | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | 3) | What is the a value ? | |  | |  |  | | --- | --- | | a) | 1 | | b) | 2 | | c) | 3 | | d) | 4 |   . | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | 4) | What will be the output of the program? | |  | |  |  | | --- | --- | | a) | A | | b) | B | | c) | C | | d) | D |   . | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | 5) | What is the a value? | |  | |  |  | | --- | --- | | a) | 2 | | b) | 3 | | c) | 4 | | d) | 5 |   . | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | 6) |  | |  | |  |  | | --- | --- | | a) | Nothing | | b) | Run time error | | c) | Varies | | d) | Hello is printed infinite times |   . | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | 7) | When 2 is entered, The output of the code below is? | |  | |  |  | | --- | --- | | a) | 1 | | b) | Hi 2 | | c) | Run time error | | d) | 2 |   . | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | 8) | The following code 'for(;;)' represents an infinite loop | |  | |  |  | | --- | --- | | a) | break | | b) | exit(0) | | c) | abort() | | d) | All of mentioned |   . | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | 9) |  | |  | |  |  | | --- | --- | | a) | The control won’t fall into the for loop | | b) | Numbers will be displayed until the signed limit of short and throw a runtime error | | c) | Numbers will be displayed until the signed limit of short and program will successfully terminate | | d) | This program will get into an infinite loop and keep printing numbers with no errors |   . | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | 10) |  | |  | |  |  | | --- | --- | | a) | Compile time error | | b) | hello | | c) | Nothing | | d) | Varies |   . | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | 11) |  | |  | |  |  | | --- | --- | | a) | Compile time error | | b) | Hello is printed thrice | | c) | Nothing | | d) | Varies |   . | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | 12) |  | |  | |  |  | | --- | --- | | a) | Run time error | | b) | Hello is printed thrice | | c) | Hello is printed twice | | d) | Hello is printed infinitely |   . | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | 13) |  | |  | |  |  | | --- | --- | | a) | 1 2 3 4 End | | b) | End | | c) | +1 End | | d) | Compilation Error. |   . | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | 14) |  | |  | |  |  | | --- | --- | | a) | 2 4 | | b) | 1 2 3 4 | | c) | 1 3 | | d) | Infinite Loop | | e) | Compilation Error |   . | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | 15) | What will be the output of the program? | |  | |  |  | | --- | --- | | a) | C-program | | b) | Ps | | c) | Error | | d) | None of above |   . | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | 16) | What will be the output of the program? | |  | |  |  | | --- | --- | | a) | b = 300 c = 200 | | b) | b = 100 c = garbage | | c) | b = 300 c = garbage | | d) | b = 100 c = 200 |   . | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | 17) | What will be the output of the program? | |  | |  |  | | --- | --- | | a) | Infinite loop | | b) | 0 1 2 ... 65535 | | c) | 0 1 2 ... 32767 - 32766 -32765 -1 0 | | d) | No output |   . | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | 18) | What will be the output of the program, if a short int is 2 bytes wide? | |  | |  |  | | --- | --- | | a) | 1 ... 65535 | | b) | Expression syntax error | | c) | No output | | d) | 0, 1, 2, 3, 4, 5 |   . | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | 19) | What will be the output of the program? | |  | |  |  | | --- | --- | | a) | It matters | | b) | It doesn't matters | | c) | matters | | d) | No output |   . | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | 20) | What will be the output of the program? | |  | |  |  | | --- | --- | | a) | Infinite loop | | b) | 0 1 2 ... 65535 | | c) | 0 1 2 ... 32767 - 32766 -32765 -1 0 | | d) | No output |   . | |