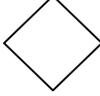


SRI RAMAJAYAM GLOBAL SENIOR SECONDARY CBSE SCHOOL

CHAPTER - 8 & 9 (29.11.2020)

STD: XI

TIME: 2.00 Hours

| Q.no | Write the most appropriate answers for each question. | Marks allocated |
|------|---|-----------------|
| 1 | What is a statement? How many types of statements are there in python? | 2 |
| 2 | Write a name of flowchart symbols: i)  ii)  | 2 |
| 3 | if-statement also known as _____ | 1 |
| 4 | Define: Algorithm & Flowchart. | 2 |
| 5 | Write a program for even/odd using if-else control? (Or) . Write a Program to print table of a number, say 4. (4 th Table) | 3 |
| 6 | Define: if statement in python. Describe the types. | 2 |
| 7 | Match the following Empty statement - Single statement Simple statement - Pass statement Iteration / looping - A loop that never ends. Endless loop Infinite loop - A set of instructions to be performed repeatedly Index - + String slice - Index Subscript - Substring specified by a range of indices Concatenation operator - Value | 8 |
| 8 | What are jump statements? | 1 |
| 9 | What is the output of following code? <pre>for a in [1, 4, 7]: print(a) print(a*a)</pre> | 2 |
| 10 | Find out the errors and rewrite of the following code? <pre>num=int(input(Enter a number:")) if(num>0) Print('positive number') else print("Negative number")</pre> | 2 |

| | | |
|----|---|---|
| 11 | Write the ordinal value of Character 'B'. | 1 |
| 12 | What are the membership operators in string? | 1 |
| 13 | Following string operations is valid or not. a) "a" + "0" b) 'a' + 3 c) "a" * 3 d) "3" * "2" | 2 |
| 14 | How strings are internally stored? | 1 |
| 15 | For strings, + means (1) ; * means (2) Suggest words for positions (1) and (2). | 2 |
| 16 | For a string s storing 'Goldy', what would s[0] and s[-1] return ? | 2 |
| 17 | On what principles, the strings are compared in Python? | 3 |
| 18 | Given that s1 = "spam" s2 = "ni!" What is the output produced by following expressions? (a) The Knights who say, + s2 (b) 3 * s1 + 2* s2 (c) s1[1] (Or) List out the Python build-in string functions and methods. | 3 |
| 19 | What will be the result of following expressions? (a) "Wow Python" [1] (b) "Strings are fun." [5] (c) len("awesome") (d) "Mystery" [:4] (e) "apple" > "pineapple" (f) "pineapple" < "Peach" (g) "cad" in "abracadabra" (h) "apple" in "Pineapple" | 4 |

| | | |
|----|--|---|
| 20 | What do you understand by string slices? | 1 |
| 21 | <p>Considering the strings s1= "spam" and s2 = "ni!" evaluate the following expressions :</p> <p>(a) s1[1:3] (b) s1[2] + s2[:2] (c) s1 + s2[-1] (d) s1[:3] + s1[3:]</p> | 2 |
| 22 | <p>What will be the result of following expressions?</p> <p>a) len("joshini") b) "jovitha" [:4] c) "abc" < "abcd" d) "vij" in "vijay" e) "Sriramajayam" [3:] f) Chr(65)</p> <p style="text-align: center;">(Or)</p> <p>What is the role of these functions?</p> <p>a) isalpha b) isdigit c) isspace</p> | 3 |

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