INDIAN SCHOOL MUSCAT

FIRST PERIODIC TEST

COMPUTER SCIENCE

CLASS: XI   Sub.Code: 083   Time Allotted: 50mts.

12.09.2022   Max .Marks: 20

GENERAL INSTRUCTIONS:

- All questions are compulsory.
- Programming language is Python.

1. Name the components of computer system.   1

2. Identify the data types of the following values given below –   1
    3j, "14"

3. How can you create multi-line strings in Python?   1

4. What is the function of Control unit?   1

5. What will be the output of the following: 1
    a) 14//3   b)14%4

6. 20TB=_____MB   1

7. Give the output of the following code: 2
    x,y=20,8
    x,y,x=x+4,y-7,x+10
    print(x,y)

8. Explain the two types of primary memory.   2

9. Find the errors in the following python code: 2

    a=Input("Value: ")
    b = a/2
    print(a:b)
    print(a+b)

10. What is the difference between a keyword and an identifier? Give one example of each.　2

11. Write a python program to input Principal, rate and time . Calculate Simple interest and print the same.　3

12. WAP to take value of x,y,z from the user and calculate the equation $4x^3+3y^4+9z^2$. Print the result.　3

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1. What is the function of ROM?   1

2. What will be the output of the following?   1

   (a)87//5   (d) 17%5

3. What are escape sequence characters? Give an example.   1

4. 8PB=_____GB   1

5. Find the errors in the following Python program: 2

   ```
   a=Input("Value: ")
   b = a/2
   print(a:b)
   print(a+b)
   ```

6. What is the difference between literals and identifiers?   2

7. Write a python program to input Principal, rate and time .Calculate Simple interest and print   3
   the same.

8. Write a program to input values of a, b and c from the user and calculate the equation   3
   $9a^4-5b^7+3c^3$. Print the result.

9. What is CPU? What are its components?   1

10. Identify the data types of the following values given below –   1
    13.0, "14"

11. Give the output of the following code: 2
    x,y=4,43
    x,y,x=x+4,y-7,x+10
    print(x,y)

12. Explain the functions of Control Unit and ALU.   2

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- Programming language is Python.

1. What is the function of RAM?   1

2. What will be the output of the following?   1

   (a)3**4   (d) 17%5

3. 12PB=_____MB.   1

4. What are escape sequence characters? Give an example.   1

5. What is CPU ? What are its components?   1

6. Identify the data types of the following values given below –   1
   3j, "14"

7. What is the difference between literals and identifiers?   2

8. Find the errors in the following Python program: 2

   a=Input("Value: ")
   b = a/2
   print(a:b)
   print(a+b)

9. Explain the difference between RAM and ROM.   2

10. Give the output of the following code: 2
    ```
    x,y= -7,21
    x,y,x=x+4,y-7,x+10
    print(x,y)
    ```

11. Write a program to input values of p, q and r from the user and calculate the equation   3
    $8p^4+3q^7-4r^3$. Print the result.

12. Write a python program to input principal, rate and time . Calculate Simple interest and print 3
    the same.