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SET A

INDIAN SCHOOL MUSCAT
SECOND PERIODIC TEST



ARTIFICIAL INTELLIGENCE

CLASS: IX
DATE: 26.11.2023

(Sub.Code: 417)

Time Allotted: 50mts.
Max. Marks: 20

GENERAL INSTRUCTIONS:

1. This Question Paper has 3 Sections A, B, and C
2. All Questions are compulsory.

SECTION – A

1.type of data that follows the specific time order to define the sequence. 1
2. Write the output for the following code. 1

```
for i in range (12,20):
    print(i)
```

3. Identify the error in the following code. 1

```
while [n<=20]
    print(n)
    n=n+2
```

4. Identify the process of interpreting the acquired data to extract meaningful information. 1
 - a. Problem scoping
 - b. Data exploration
 - c. Data acquisition
 - d. Modelling

SECTION – B

5. Write the difference between structured and unstructured data with example. 2
6. Explain the types of Numeric data with example. 2
7. Write any four benefits of Data visualization. 2

Signature

- | | |
|---|---|
| 8. Write the syntax of - for loop and explain. | 2 |
| 9. Draw the flowchart of - While loop . | 2 |
| 10. Write a python program to print odd numbers from 1 to n using for loop. | 2 |

SECTION – C

- | | |
|--|---|
| 11. Write a python program to check entered number is Palindrome number or not using while loop. | 4 |
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SET B



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GENERAL INSTRUCTIONS:

1. This Question Paper has 3 Sections A, B, and C.
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SECTION – A

1. type of data that contains geographical location and time. 1
2. Write the output for the following code. 1

```
for j in range (1,-9,-1):  
    print(j)
```
3. Identify the error in the following code. 1

```
while (n<10)  
    print(a)  
    n=n+1
```
4. Identify the process of interpreting the acquired data to extract meaningful information. 1
 - a. Problem scoping
 - b. Data exploration
 - c. Data acquisition
 - d. Modelling

SECTION – B

5. Write the syntax of- **while loop** and explain. 2
6. Write down any four data visualization tools. 2
7. Draw the flowchart of- **for loop**. 2

SET B

- | | |
|--|---|
| 8. Write a python program to print even numbers up to 10 using for loop. | 2 |
| 9. Write the difference between structured and unstructured data with example. | 2 |
| 10. Explain Testing data and Training data. | 2 |

SECTION – C

- | | |
|--|---|
| 11. Write a python program to reverse entered number using while loop. | 4 |
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SET C



INDIAN SCHOOL MUSCAT SECOND PERIODIC TEST

ARTIFICIAL INTELLIGENCE

CLASS: IX

(Sub.Code: 417)

Time Allotted: 50mts.

DATE:26.11.2023

Max. Marks: 20

GENERAL INSTRUCTIONS:

1. This Question Paper has 3 Sections A, B, and C.
2. All Questions are compulsory.

SECTION – A

1. The result or output from the specific program or system or technology is known as 1
2. Write the output for the following code. 1

for a in range (2,10,2):
 print(a)
3. Identify the process of interpreting the acquired data to extract meaningful information. 1
 - a. Problem scoping
 - b. Data exploration
 - c. Data acquisition
 - d. Modelling
4. Identify the error in the following code. 1

while [n<15]:
 print(n)
 a=n+1

SECTION – B

5. Write the difference between structured and unstructured data with example. 2
6. Explain Big data. 2
7. Write a python program to print first n natural numbers using for loop. 2
8. Explain Testing and Training data. 2
9. Write the syntax of - **for loop** and explain. 2
10. Draw the flowchart of **while loop**. 2

SECTION – C

11. Write a python program to check entered number is Armstrong number or not using while loop. 4

