



INDIAN SCHOOL MUSCAT

SECOND PERIODIC TEST

INFORMATICS PRACTICES

CLASS: XII

Sub. Code: 065

Time Allotted: 50 mts.

30.05.2022

Max. Marks: 20

GENERAL INSTRUCTIONS:

Read the Questions properly before start writing the answer(s).

All the Questions are Compulsory

1. Define Cyber Crime and write any two types of Cyber Crime. 2
2. What do you understand by the term "Cyber Bulling"? 1
3. Define E-waste. 1
4. How to avoid web beacons and other tracking technologies? 2
5. Define Plagiarism. Why is it important to understand Plagiarism? 2
6. Write the full for of PANDAS. 1
7. Define Series with an example. 1
8. What do you understand by NaN? Explain. 1
9. Create the following Series named as S1 with the values from 1 to 10. 1
10. Find the output of the following: 2


```

      >>>import numpy as np
      >>>import pandas as pd
      >>>b=p.Series(np.arange(1,5,1),index=['a','b','c','d'])
      >>> b[1:3]=50
      >>> print(b)
      
```

11. Explain any two attributes of Series with an example.

2

12. Find the output of the following:

2

```
>>>a=p.Series([20,30,50],index=['a','b','c'])
>>>b=p.Series([40,50,60],index=['a','c','d'])
>>> print(a+b)
>>>print(a-b)
```

13. Write the use of the following methods:

2

(a) Series.dtype

(b) Series.hasnans

End of the Question Paper



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1. Write the full form of PANDAS. 1
2. Define Series with an example. 1
3. What do you understand by NaN? Explain. 1
4. Find the output of the following: 2

```
>>>import numpy as np
>>>import pandas as pd
>>>b=p.Series(np.arange(1,5,1),index=['a','b','c','d'])
>>> b[1:3]=50
>>> print(b)
```
5. Create the following Series named as S1 with the values from 1 to 10. 1
6. Explain any two attributes of Series with an example. 2
7. Find the output of the following: 2

```
>>>a=p.Series([20,30,50],index=['a','b','c'])
>>>b=p.Series([40,50,60],index=['a','c','d'])
>>> print(a+b)
>>>print(a-b)
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|-----|--|---|
| 8. | Write the use of the following methods: | 2 |
| | (a) Series.dtype (b) Series.hasnans | |
| 9. | Define Plagiarism. Why is it important to understand Plagiarism? | 2 |
| 10. | How to avoid web beacons and other tracking technologies? | 2 |
| 11. | What do you understand by the term "Cyber Bulling"? | 1 |
| 12. | Define E-waste. | 1 |
| 13. | Define Cyber Crime and write any two types of Cyber Crime. | 2 |

End of the Question Paper

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1. Find the output of the following:

```
>>>a=p.Series([20,30,50],index=['a','b','c'])  
>>>b=p.Series([40,50,60],index=['a','c','d'])  
>>> print(a+b)  
>>>print(a-b)
```

2

2. Explain any two attributes of Series with an example.

2

3. Create the following Series named as S1 with the values from 1 to 10.

1

4. Define Series with an example.

1

5. Write the full form of PANDAS.

1

6. Find the output of the following:

```
>>>import numpy as np  
>>>import pandas as pd  
>>>b=p.Series(np.arange(1,5,1),index=['a','b','c','d'])  
>>> b[1:3]=50  
>>> print(b)
```

2

- | | | |
|-----|--|---|
| 7. | Write the use of the following methods: | 2 |
| | (a) Series.dtype (b) Series.hasnans | |
| 8. | What do you understand by NaN? Explain. | 1 |
| 9. | Define Cyber Crime and write any two types of Cyber Crime. | 2 |
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| 13. | Define Plagiarism. Why is it important to understand Plagiarism? | 2 |

End of the Question Paper