



नवोदय विद्यालय समिति

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PRE-BOARD (TERM-I) EXAMINATION :: 2021-22

Class : XII

Time : 1½ Hrs

Subject: Informatics Practices (065)

Max. Marks : 35

MARKING SCHEME

SECTION – A

- 1 a. Wes McKinney
- 2 a. pip installs python
- 3 b. 2 Dimensional
- 4 c. Data Structure
- 5 a. Each Series integer data element will be stored in 64 Bits memory
- 6 c. `srs1 >= srs2`
- 7 d. NaN
- 8 d. `traindf.Fare.dtypes`
- 9 c. values
- 10 a. `inplace=True`
- 11 d. All of these
- 12 d. Comma Separated Values
- 13 a. `iterrows( )`
- 14 b. label
- 15 c. Intervals are Left Open Except last interval
- 16 c.
- 17 b. Computer ethics
- 18 b. Microsoft Office
- 19 b. Free and Open Source Software
- 20 a. Patent
- 21 c. The Information Technology Act, 2000
- 22 c. Cyber Crime
- 23 c. Spam
- 24 b. 20 Years
- 25 d. Sound Pollution

SECTION – B

- 26 d. ndim
- 27 a. <seriesobject> . name = <Series_name>
- 28 d. primesrs = pd.Series([2, 3, 5, 7, 11, 13, 15, 17])
- 29 b. studentmarks[studentmarks<75]
- 30 b. S1[3] and S2[3] both will be changed
- 31 d. range() function generates indexes with length mismatch of data
- 32 c. pd.Series()
d.
- >>>SeriesA + SeriesB
a -9.0
b NaN
33 c -47.0
d NaN
e 105.0
y NaN
z NaN
dtype: float64
- 34 c. df.set_index("A")
- 35 c. onlineclass.loc[True]
- 36 a. dfEmp[:, -1]
- 37 c. studf['Sub2 '][2] = 33
- 38 b. df[['Month', 'Passengers']][df['Month']=='Jan']
- 39 d. student
- 40 b. --
- 41 b. blue
- 42 d. width
- 43 c. All of these
- 44 d. He should bring to the notice of his parents and school authorities.
- 45 a. Phishing
- 46 c. Identity Theft
- 47 c. Copyright infringement
- 48 a. Plagiarism
- 49 d. Providing combination of Uppercase and Lowercase letters, digits and special symbols with considerable length

SECTION – C

- 50 b. Sales[[2014, 2015]]
- 51 d. (5, 4)
- 52 a. Sales.head(-3)
- 53 a. Sales.rename(index={"Kinshuk" : "Sridhar"})
- 54 b. Sales.sort_values(2016, ascending=False)
- 55 b. Sales.at['Prem']=[50000, 60000, 70000, 80000]