

SSCE Practical Examination - 2024
Sub: Informatics Practices (065)

Class : XII
Time : 3 hrs

Set 2

Marks : 30 M
Date : __/__/2024

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Q:1 Write Python code for the following questions:

SNO	Batsman	Innings	Runs	SR
1	Virat Kohli	11	765	90.32
2	Rohit Sharma	11	597	125.95
3	Quinton de Kock	10	594	107.03
4	Rachin Ravindra	10	578	106.45
5	Daryl Mitchell	8	418	111.07

- a) Create a dataframe 'Cric23' using dictionary. [2]
- b) Display the Batsman name along with runs scored. [1]
- c) Add one more column 'Average' which contains the value as division of runs and innings. Add this column before SR column and after Runs column. [1]
- d) Change the data for Daryl Mitchell – Innings – 9 , Runs - 552. [1]
- e) Convert the dataframe as 'TOP5.CSV'. [1]
- f) Using a dataframe 'Cric23' ,plot a labelled bar chart to compare the runs for all batsmen with x axis having Batter name and customize the chart appropriately with labels and legends. [2]

Q:2 Consider the following Table 'Garment' with the records given in it. Write SQL queries for the following:

Gcode	Gname	Qty	Price	Company
G1001	Suiting	10	5000	Raymond
G1002	Shirting	15	2200	Vardhman
G1003	Jeans Pant	10	1500	Ruf n Tuf
G1004	Krutas	50	4800	Fabindia
G1005	Choli	30	18000	Arika
G1006	Formal Pant	50	5500	Raymond

- a) Create above table garment [1]
- b) Count the unique company from garment. [1]

- c) Display maximum price of garment manufactured by raymond. [1]
- d) Display the average price of Pant. [1]
- e) Display the garment number, garment name and company in the descending order of their price. [1]
- f) Find the difference between maximum price and minimum price from the table. [1]
- g) Display garment in upper case letters and 'discountedprice' which is price minus 5 % of price for price in between 2100 to 10000. [1]
- Q:3 Practical file [5]
- Q:4 Project file [5]
- Q:5 Viva-voce [5]

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