

AISSCE PRACTICAL EXAMINATION 2020-21

INFORMATICS PRACTICES (065)

Date : xx.03.2021 (Monday)

CBSE Roll No : _____

Max. Marks: 30

Time: 3:00 Hours

Q1. Program using Pandas: 5 marks

Write a program to create a Data Frame Quarterly Sales where each row contains the Quarterly Sales of TV, Freeze and AC.

Name of Item	Quarter 1	Quarter 2	Quarter 3	Quarter 3
TV	200000	230000	210000	24000
Freeze	300000	200000	290000	210000
AC	240000	153000	245000	170000

Also Show the DataFrame after deleting details of Freeze

Q2. Program using Matplotlib : 3 marks

Write a Python program to plot a bar chart, showing the Sales in different year and no. of product sales. using the following data.

PSales = [20,50,30]

SYear = [2010,2011,2012]

Colour of bar should be green and in No of product and Sales year should be displayed in the desired location and also the title should be Sale in different year.

Q3. MySQL Queries : 7 marks

Consider the table given below and answer the following questions :

TABLE: EMPLOYEE

Rno	Name	Salary	Zone	Age	Grade	Dept
1	Mukul	30000	West	28	A	10
2	Kritika	35000	Centre	30	A	10
3	Naveen	32000	West	40	NULL	20
4	Uday	38000	North	38	C	30
5	Nupur	32000	East	26	NULL	20
6	Moksh	37000	South	28	B	10
7	Shelly	36000	North	26	A	30

1. Display the details of all the employees whose Grade is NULL.
2. Display the details of all the employees who are getting a salary of more than 35000 in the department 30.
3. Display the names and salaries of all the employees who are working neither in West zone nor in Centre zone.
4. Display the average salary of Grade 'A' employees.
5. Display the total number of employees in each department.
6. Display the details of all the employees in the ascending order of their salaries.
7. Display the name, salary, and age of all the employees whose names contain "a".

Q4) Practical File : 5 marks

Q5) Project work: 5 marks

Q6) Viva-voce: 5 marks

Internal
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External