

केंद्रीय विद्यालय, पू. सी. रेलवे, लामडिंग (गुवाहाटी संभाग)

AISSCE - Practical examination – 2020-21

Class XII (Commerce) – Informatics Practices (065)

Question paper: Set-1

Maximus marks: 30

Q.1 (A) Write a program for the following:

4 Marks

1. Create a dataframe for the 3 products with product name, price and stock.
2. Increment all prices by 10%.
3. Export data to CSV file.

(B) Create a horizontal bar graph for the following data

4 Marks

Job	Programmer	Software Engineer	Project leader	Software Analyst	Software tester
Salary	600000	800000	1000000	1100000	900000

Q.2 Write the MySQL queries for the following table: Airfare

7 Marks

FN	Flight	route	airlines	fare	Duration_min
1	UK-969	GAU-DEL	Vistara	5000	150
2	AI-255	GAU-DEL	Air India	4500	160
3	AI-260	DEL-BOM	Air India	4000	120
4	G8-155	DEL-BOM	Go Air	6000	125
5	UK-975	GAU-BOM	Vistara	7000	190
6	G8-160	GAU-BOM	Go Air	6500	200

- (i) Create above table.
- (ii) Insert all above records.
- (iii) Display all flights of whose flight code is starting with AI.
- (iv) Display all flights going to BOM.
- (v) Find the average fare of GAU to DEL flights.
- (vi) Find the min duration in minutes of DEL to BOM flights.
- (vii) Find the number of flights of Go Air.

Q.3 Practical file

5 Marks

Q.4 Project work

5 Marks

Q.5 viva voce

5 Marks

Sign of Internal Examiner

Sign of External Examiner

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Class XII (Commerce) – Informatics Practices (065)

Question paper: Set-2

Maximus marks: 30

Q.1 (A) Write a python program for the following 3 Marks

1. Create two series for the student name and ages in year.
2. Enter the name of student and display his age.
3. Increment ages of all students by 1 year.

(B) Write a program to create the line chart for the following data of cricket match. 5 Marks

Over	1	2	3	4	5	6
Runs in over	15	17	20	8	12	10
Wicket	0	1	0	2	0	0

Q.2 Write the MySQL queries for the following table: Airfare 7 Marks

PID	Process	Type	Memory_mb	CPU_perc	effect
4012	Antivirus	Utility	250	25	High
4125	Task Manager	System	170	12	Moderate
5478	Notepad	Application	45	7	Low
5892	Photoshop	Application	850	40	High
5920	Cmd	System	80	5	Low

- (i) Create above table.
- (ii) Insert all above records.
- (iii) Display all process of system type.
- (iv) Find average memory usage grouped by different effects.
- (v) Find the average CPU usage
- (vi) Find the min memory usage of Applications.
- (vii) Find the number of processes of High effect.

Q.3 Practical file 5 Marks

Q.4 Project work 5 Marks

Q.5 viva voce 5 Marks

Sign of Internal Examiner

Sign of External Examiner