

CBSE Class XII Sample Paper 2024-25, Informatics Practices

Which question from which chapter

Text Book – Informatics Practices (Sumita Arora)

Section A			
Q.No	Chapter	Topic	Marks
1	Ch:1 Python Pandas – I	Accessing Series Elements	1
2	Ch:5 MySQL - SQL Revision Tour	Select Command	1
3	Ch:9 Introduction to Computer Networks	Network Devices	1
4	Ch:5 MySQL - SQL Revision Tour	Dropping tables	1
5	Ch:11 Societal Impacts	E-waste Management	1
6	Ch:1 Python Pandas – I	Select or access data	1
7	Ch:3 Plotting with PyPlot	Creating Line charts	1
8	Ch:7 Querying using SQL	Grouping Results – Group By	1
9	Ch:4 Importing/Exporting data between CSV Files and Pandas	Loading data from CSV to DataFrame	1
10	Ch:11 Societal Impacts	Ethical Issues	1
11	Ch:7 Querying using SQL	Aggregate Functions	1
12	Ch:9 Introduction to Computer Networks	Network Topologies	1
13	Ch:1 Python Pandas – I	Operations on Series object	1
14	Ch:11 Societal Impacts	Cyber Crime	1
15	Ch:1 Python Pandas – I	Creating Series Objects	1
16	Ch:6 MySQL Functions	Mixed Topics	1
17	Ch:1 Python Pandas – I	More on Indexing	1
18	Ch:3 Plotting with PyPlot	Creating Line Charts	1
19	Ch:9 Introduction to Computer Networks	Types of Networks	1
20	Ch:1 Python Pandas – I	Add Columns into DataFrame	1
21	Ch:5 MySQL – SQL Revision Tour	Inserting Data into table	1
1. Python Pandas – I: 6 2. Python Pandas – II: 0 3. Plotting with PyPlot: 2 4. Importing/Exporting Data between CSV files and Pandas: 1		6. MySQL Functions: 1 7. Querying Using SQL: 2 8. Joins and Set Operations: 0 9. Introduction to Computer Networks: 3 10. Introduction to Internet and web: 0	

5. MySQL – SQL Revision Tour: 3		11. Societal Impacts: 3	
Section B			
Q.No	Chapter	Topic	Marks
22	Ch:1 Python Pandas – I	Pandas Data Structure	2
23	Ch:11 Societal Impacts	Ethical Issues	2
24	Ch: 6 MySQL Functions	Text/String Functions	2
25	Ch:10 Introduction to Internet and web	WWW, Web browser	2
26	Ch:5 MySQL – SQL revision tour	SQL constraints	2
27	Ch:11 Societal Impacts	Health Concerns	2
28	Ch:1 Python Pandas – I	Creating Series/Dataframe	2
1. Python Pandas – I: 2 + 2* (OR) 2. Python Pandas – II: 0 3. Plotting with PyPlot: 0 4. Importing/Exporting Data between CSV files and Pandas: 0 5. MySQL – SQL Revision Tour: 1		6. MySQL Functions: 1 7. Querying Using SQL: 0 8. Joins and Set Operations: 0 9. Introduction to Computer Networks: 0 10. Introduction to Internet and web: 2* 11. Societal Impacts: 2	
Section C			
Q.No	Chapter	Topic	Marks
29	Ch:11 Societal Impacts	E-Waste Management	3
30	Ch:1 Python Pandas – I	Create Series/Dataframe	3
31	Ch:5 MySQL – SQL revision Tour	Create table, Insert Records	3
32	(A) (I) Ch:7 Querying Using SQL (II) Ch7: Querying Using SQL (III) Ch:8 Joins and Set operations	Group By Order By Joins	1 1 1
	(B) (I) Ch: 7 Querying Using SQL (II) Ch:6 MySQL Functions (III) Ch:8 Joins and Set operations	Group by, Agg. Functions Text/String Functions Joins	1 1 1
1. Python Pandas – I: 2* 2. Python Pandas – II: 0 3. Plotting with PyPlot: 0		6. MySQL Functions: 1 7. Querying Using SQL: 3* 8. Joins and Set Operations: 2* 9. Introduction to Computer Networks: 0	

4. Importing/Exporting Data between CSV files and Pandas: 0 5. MySQL – SQL Revision Tour: 1	10. Introduction to Internet and web: 0 11. Societal Impacts: 1
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Section D			
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Q. No	Chapter & Topic		Marks
33	Ch:3 Plotting with PyPlot	Creating Bar Chart	4
34	(A) (I)Ch:6 MySQL Functions (II) Ch:7 Querying using SQL (III) Ch:6 MySQL Functions & Ch:7 Querying using SQL (IV)Ch: Querying Using SQL (B) (I)Ch:6 MySQL Functions (II)Ch:6 MySQL Functions (III)Ch:5 MYSQ – SQL Revision Tour (IV)Ch:7 Querying Using SQL	Text/String Functions Aggregate Functions Text/String Functions, Grouping Records Order By Text/String Functions Date Functions Select, Between and Aggregate Functions	1 1 1 1 1 1 1 1

1. Python Pandas – I: 0 2. Python Pandas – II: 0 3. Plotting with PyPlot: 1 4. Importing/Exporting Data between CSV files and Pandas: 0 5. MySQL – SQL Revision Tour: 1	6. MySQL Functions: 3* 7. Querying Using SQL: 4* 8. Joins and Set Operations: 0 9. Introduction to Computer Networks: 0 10. Introduction to Internet and web: 0 11. Societal Impacts: 0
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Section E			
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Q. No.	Chapter	Topic	Marks
35	Ch:9 Introduction to Computer Networks Ch:10 Introduction to Internet and Web	Network Devices, Network Types, Topologies Types of web site	4 1
36	Python Pandas – I	Operations of DataFrame	5
37	(A) (I)Ch:7 Querying Using SQL (II)Ch:6 MySQL Functions (III)Ch:6 MySQL Functions (IV)Ch:7 Querying Using SQL (V) Ch:7 Querying Using SQL (B) (I)Ch:6 MySQL Functions (II)Ch:6 MYSQ Functions (III)Ch:6 MySQL Functions (IV)Ch:6 MySQL Functions	Aggregate Functions Text/String Functions Text/String Functions Aggregate Functions Aggregate Functions Numeric Functions Numeric Functions Text/String Functions Text/String Functions	1 1 1 1 1 1 1 1 1

(V)Ch:6 MySQL Functions	Text/String Functions	1
1. Python Pandas – I: 1 2. MySQL Functions:7*	3. Querying Using SQL: 3* 4. Introduction to Computer Networks:4 5. Introduction to Internet and Web: 1	

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