Class: XI No. Printed Pages : 7

ANNUAL EXAMINATION 2024-25

Subject: INFORMATION TECHNOLOGY

SET -A

Time Allowed : 3 Hrs **Max. Marks: 60**

General Instructions:

1. Please read the instructions carefully
2. This Question Paper consists of 18 questions in two sections – Section A & Section B.
3. **Section A has Objective type questions whereas Section B contains Subjective type questions.**

4. All questions of a particular section must be attempted in the correct order

5. SECTION A - OBJECTIVE TYPE QUESTIONS (30 MARKS):

i. This section has 06 questions.

ii. There is no negative marking.

iii. Do as per the instructions given.

iv. Marks allotted are mentioned against each question/part.

6. SECTION B – SUBJECTIVE TYPE QUESTIONS (30 MARKS):

i. This section contains 12 questions.

ii. Do as per the instructions given.

iii. Marks allotted are mentioned against each question/part.

SECTION A: OBJECTIVE TYPE QUESTIONS

Multiple Choice Questions on Employability Skills **(1 x 4 = 4 marks)**

Q1	**Answer these questions on Employability Skills (1 x4=4)**	
1	Track changes are suggestions. If you want to make the changes permanent you have to _____ them. a) Underline b) Save c) Accept d) Reject	1

2	Which of the following options are word processors? Select all the correct options. a) Google Docs b) LibreOffice Writer c) Microsoft Word d) All of the above	1
3	On the _____ side of the status bar, you can see page number and word count in LibreOffice. a) right b) center c) left d) middle	1
4	Which shortcut key is used to create a new document? a) Ctrl + C b) Ctrl + N c) Ctrl + M d) Ctrl + O	1
Q2 Answer the given questions	**(1 x 5 = 5 marks)**	
1	The _____ is used to provide the user with several choices and allow him to select one of the choices. a) radio button b) checkbox c) label d) password	1
2	_____ case in MS-Word reverses the previous case . a) Capitalize each word b) Upper Case c) Toggle Case d) None of the above.	1
3	What are DML statements ?	1
4	Name the memory which is used to cope-up with the high speed of the CPU.	1
5	In _____mode, information can be transferred in both directions. a) Half duplex b) Full duplex c) Simplex d) None of these	1

Q3 Answer the given questions		(1 x6=6 marks)
1	Write the syntax of the command to view the structure of the database.	1
2	Write the syntax of the command used to select a particular database in MYSQL?	1
3	What are Macros?	1
4	A _____ is a code that appears to be desirable and useful but ends up harming the system.	1
5	In HTTPs protocol ‘s’ stands for _____. a) same b) secure c) safer d) small	1
6	1 Byte takes _____ bits memory space.	1

Q4	Answer the given questions (1 x 5 = 5 marks)	
1	A _____ chart is used to compare trends and changes in values over time. a) Line b) Column c) Bar d) None of these	1
2	_____ are the actions that are performed on controls in Forms. a)Event b)Message c)Container d) None of the above	1
3	Name the keyword used to eliminate the repeated values in the result of the query.	1
4	NTFS stands for _____	1
5	_____ function key is used to present the slide show . a) F9 b) F5 c) F1 d) F2	1

Q5	Answer the given questions (1 x 5 = 5 marks)	
1	_____ is used for indentation in MS-Word. a) View b) Ruler c) Home d) Mailings	1
2	_____ represents a value that is unavailable, unassigned, unknown or inapplicable in a Table in database. a) char b) varchar c) Null d) OR	1
3	Which SQL statement is used to delete data from a table? a) DELETE b) DROP c) TRUNCATE d) REMOVE	1
4	State True or False. DROP is a DML command. (True/ False)	1
5	Controls placed inside a container control are called _____. a) Child Controls b) Parent Controls c) Both a and b d) None of these	1

Q6	Answer the given questions (1 x 5 = 5 marks)	
1	A _____ device is used to restore the input signal to its original form, so that it can travel a larger distance. a) Router b) Switch c) Hub d) Repeater	1
2	_____ menu is used to insert videos in a slide.	1
3	SELECT _____ means display all columns. a) from b) % c) * d) None of the above	1

<table>
<tr><td>4</td><td>A _____connects networks based on different protocol technologies to communicate with each other.</td><td>1</td></tr>
<tr><td>5</td><td>Write the query to display the names of the employees of Table Employee given below in descending Order.

Table: Employee
<table><tr><td>EmpCode</td><td>Name</td><td>Gender</td></tr><tr><td>101</td><td>Rachna</td><td>Female</td></tr><tr><td>102</td><td>Ajay</td><td>Male</td></tr><tr><td>103</td><td>Geetansh</td><td>Male</td></tr></table></td><td>1</td></tr>
</table>

SECTION B: SUBJECTIVE TYPE QUESTIONS

Answer the given questions on Employability Skills (2 x 3 = 6 marks)

7	Differentiate between Interest and Abilities.	2
8	Rajesh has created a report in MS WORD but he is unable to add hyperlink and page borders in his reports. How can you help him? Write the steps so that he can use the options.	2
9	Define the meaning of Communication.	2

Answer the given questions **(2 x 6 = 12 marks)**

10	Differentiate between getText() and setText() with example..	2
11	Name the various data types available in SQL?	2

12	Find the output of following code:
	int x = 5, y = 10, z = 15;
	if (x < y && y > z || x + y > z)
	{ System.out.println("Condition 1");
	}
	else if (x > z || z - y < x)
	{ System.out.println("Condition 2");
	}
		2

	else { System.out.println("None"); }	

13	Find the output of following code:
	int num = 1;
	switch (num) {
	case 1:
	case 2:
	case 3: System.out.println("Number is 1, 2, or 3");
	break;
	default: System.out.println("Number is not 1, 2, or 3"); }
		2

14	Identify the error & write the corrected code.
	int num = =2;
	switch (num) {
	case 1:
	System.out.println("One");
	break
	case 2:
	System.out.println("Two");
	break
	case 2:
	System.out.println("Duplicate");
	break
	default:
	System.out.println("Default");}
		2

15	Identify the error & write the corrected code.
	int x == 5
	if (x => 10) {
	System.println("x > 10");
	} else if (x < 0) {
	System.println("x < 0");
	} else {
	System.println("x is 5");
	}
	System.println("Unreachable code example");
		2

Answer the given questions. **(4 x 3 = 12 marks)**

16	Design a GUI application to accept a number from the user in a text field and print whether it is an even number or odd number.	4
17	Consider the following table and write SQL statements Table : MOV	4

No	Name	Type	Stars	Qty	Price
1	Gone with the wind	Drama	Gable	4	39.95
2	Friday the 13th	Horror	Jason	2	69.95
3	Top Gun	Drama	Cruise	7	49.95
4	Splash	Comedy	Hanks	3	29.95
5	Independence Day	Drama	Turner	3	19.95
6	Risky Business	Comedy	Cruise	2	44.95
7	Cocoon	Scifi	Ameche	2	31.95
8	Crocodile Dundee	Comedy	Harris	2	69.95
9	101 Dalmatians	Comedy		3	59.95
10	Tootsie	Comedy	Hoffman	1	29.95

i) Display a list of all movies with Price over 20 .
ii) Display all the movies sorted by Qty in decreasing order.
iii) Display the name of movies starting with letter R.
iv) Add a column with the name "Rating" in the above table.

18	Shyam has created the following table of marks of his students. He wants to check how many students have scored marks below 30 in Maths in his class and also wants to create a chart of the table. Write the steps that he can use to check the record of students who have scored below 30 in Maths and also to create a chart of the whole table and also write the steps to save the file from unauthorized access.	4

	A	B	C	D	E	F
1	R.NO	Name	English	Hindi	Maths	Science
2	1	Geeta	48	49	30	45
3	2	Rita	35	40	20	45
4	3	Mita	40	42	10	23