

WEB TECHNOLOGY (Theory)

Total Marks: 50 Marks

Sr. No.	Topic	Sub Topic	Periods	Marks	Remarks
1	Database Concept	Fundamentals of database(field, records, File, Database) Advantages of DBMS Data Independence (Logical & Physical), Key Concept (Primary, Secondary, Candidate, Composite, Foreign), Integrity rule (Referential, Entity, Domain), Null Value Concept.	25	20	To acquire knowledge of Databases and Maintaining a Database
2	MYSQL Basics	Introduction, Overview tools and capabilities, Database Tables, Query Commands: SELECT, WHERE, DISTINCT, GROUP BY, HAVING, UPDATE, ORDER BY, BETWEEN, LIKE operator, UNION, Joins.	15	10	To acquire knowledge of working with MySQL
3	PHP Basic	Introduction, Install, Syntax, Variables, String, If....Else, Switch.	15	5	To Acquire Basic Knowledge of working with PHP
4	Advanced PHP	Forms, \$_GET, \$_POST	15	10	To Acquire Advance Knowledge of working with PHP
5	Accessing Mysql Through PHP	Database (ODBC) connectivity	10	5	To Acquire Knowledge of programming with PHP &Mysql for website designing

WEB TECHNOLOGY (Practicals)Total Marks: 100 Marks

- 1) Using MYSQL basic commands to frame queries.

PHP

- 2) Installation of WAMP server
- 3) To create forms using validations
- 4) Simple programs using strings, variables, operators.
- 5) Practical using forms, get and \$post command.
- 6) Creating ODBC connection using odbc_connect command.

Practical marks distribution:

1. 20 Marks internal (Files, Journals)
2. 80 Marks practicals

DESIGN OF QUESTION PAPER

Final Exam
CLASS: XII Computer Technique
SUBJECT: Web Technology

Time: 2 hrs Max. Marks: 50

The weightage or the distribution of marks over different dimensions of the question paper shall be as follows:

1. Weightage to Learning Outcomes

Sr. No.	Learning Outcomes	Marks	Percentage of Marks
1.	Knowledge	8	16 %
2.	Understanding	12	24 %
3.	Application	13	26 %
4.	Skill	17	34 %

2. Weightage to Content/Subject Units

Sr. No.	Units	Marks	Percentage
1	Database Concept	20	40 %
2	Basic Mysql	10	20 %
3	Basics PHP	5	10 %
4	Advanced PHP	10	20
5	Accessing Mysql Through PHP	5	10

3. Weightage to form of questions

Sr. No.	Form of questions	Marks for each questions	No. of questions	Total Marks	Percentage
1	Very Short Answer Type(VSA)	1 mark	30	30	60%
2	Short Answer Type(SA-I)	2 mark	10	20	40 %
	Short Answer Type(SA-II)				
3	Long				

	Answer Type(LA)				
	Total		40	50	100 %

The expected time for different types of question would be as follows:

Sr. No.	Form of questions	Approx. Time for each question in mins(t)	No. of questions(n)	Approx. Time for each form of question in mins(n * t)
1	Long Answer Type(LA)			
2	Short Answer Type(SA-I)	5 min	10	50
3	Short Answer Type(SA-II)			
4	Very Short Answer Type(VSA)	2 min	30	60
	Total		40	110

As the total time is calculated on the basis of the number of questions required and the length of their anticipated answers, it would, therefore, be advisable for the candidates to budget their time properly by cutting out the superfluous words and be within the expected time limits.

4. Scheme of Options

There will be no overall choice. However, there is an internal choice in three (3) questions of 4 marks category.

5. Weightage to Difficulty level of questions:

Sr. No.	Level of difficulty	No. of quest	Marks	Percentage
1	Easy	30	30	60 %
2	Average	10	20	40 %
3	Difficult			

A question may vary in difficulty level from individual to individual. As such, the Assessment in respect of each question will be made by the paper setter on the basis of general anticipation from the group as a whole taking the examination. This provision is only to make the paper balanced in weightage, rather than to determine the pattern of marking at any stage.

XII Syllabus for CWSN (H.I.) - Vocational

Objectives → ↓ Units	Knowledge				Understanding				Application				Skill				Total
	O	VS	SA	LA	O	VS	S A	L A	O	VS	SA	LA	O	VS	SA	LA	
1. Database Concept	1(1)	1(1)	2(2)		1(1)	1(1)			1(1)	1(2)	2(2)		1(2)	1(1)	2(1)		20
2. Mysql Basics	1(1)	1(1)	2(1)		1(1)				1(2)	1(2)			1(1)		2(1)		10
3. PHP Basics	1(1)	1(1)	2(1)						1(1)	1(1)			1(1)				5
4. Advanced PHP	1(1)	1(1)	2(1)		1(1)				1(2)	1(2)			1(1)		2(1)		10
5. Accessing Mysql Through PHP	1(1)	1(1)							1(1)	1(1)			1(1)				5
Total	1(5)	1(5)	2(5)		1(3)	1(2)			1(8)	1(8)	2(2)		1(6)	1(1)	2(3)		50

BLUE –PRINT OF QUESTION PAPER

Note: Figures within brackets indicate the number of question and figures outside the brackets indicate marks. For example 4(2).

* Indicates option

