

XII COMPUTER APPLICATION SECOND TERM EXAM 2025 ANSWER KEY

Answer any Five (1 to 6) : Mark 1

1. strlen()
2. 25
3. var
4. responsive web design
5. Degree
6. Constraints

Answer any Nine (7 to 18) : Mark 2

7. literal types: Integer, floating point, character, String
8. **switch** is selection statement, only equality checking, **else if** decision statement, any relational operators can be used.
9. goto, break, continue, return (any 2 with short note)
10. array is collection of same type elements in nearest memory locations, int mark[65];
11. abs() = cmath
isdigit() = ctype
12. <Table>, <TR>, <TH>, <TD>
13. a. isNaN(N) / isNaN()
b. "Computer".charAt(2); / charAt(2);
14. Content Management System,
eg : Joomla, Wordpress, Drupal (any 1)
15. Database administrator, Application Programmer,
Sophisticated Users, Naive Users,
16. 20 rows, 5 columns
17. create view viewname as select columns from
tablename where condition
18. Adm_No, because it never contains duplicate values

Answer any Nine (19 to 29) : Mark 3

19. gets() can be used to input characters with white space.
cstdio is the header file
20. **local variable** can be available only in that specified function,
global variable can be accessed anywhere in the program.
21. **client side script**: executed on browser, can be blocked,
used for validating input.
- Server side script**: executed on server, can not be blocked,
used for accessing data from database.
22. - Bold, <i> - italic, <u>: Underline
<s>: Strike, <sub>: Subscript, <sup>: Superscript
<small> Smaller, <big> bigger (any 3 with use)
23. <frameset rows="50%,*">
<frame src="a.html">
<frame src="b.html">
</frameset>
24. **text** : Text Box, **password** : password text
checkbox : Check box control, **radio**: Radio button control
reset : RESET button, **submit** : SUBMIT button
button: A standard button (any 3)
25. Number : 123
String : "Welcome"
Boolean : true, false

26. a. Output : 2836
b. + can be used for addition of numbers, and concatenation of strings.
27. Shared hosting,
Dedicated hosting,
Virtual private server (VPS)
(with short note)
28. **Physical level** : The lowest level of abstraction describes how data is actually stored
Logical level: describes what data is stored in the database,
View level: View level is the highest level of Database abstraction and is the closest to the user
29. **Data Definition Language (DDL)**:
for create, delete, change structure of database
eg: create, alter, drop
Data Manipulation language (DML):
for create, delete, update data in database
eg: insert, delete, update
Data Control Language (DCL):
control access of database, eg : grant, revoke

Answer any Two (30 to 32) : Mark 5

30. a.
<ol type="i">
 Biology Science
 Commerce
 Humanities

b. **Definition list**: is a list of terms with its definitions.
<DL> definition List .
<DT> definition Term
<DD> definition Description
31. **Relational algebra**: collection of operations that is used to manipulate the relation (table).
SELECT, PROJECT, UNION, INTERSECTION, SET DIFFERENCE, CARTESIAN PRODUCT, (any 3 with note)
32. a. Select * from employee;
b. Select * from employee order by Basic;
c. Select name, desig from employee where
name like "A%"
d. update employee set basic= basic+3000
where desig="Clerk";
e. Select * from employee where desig not in
("manager", "Clerk");
or
Select * from employee where
desig <> "manager" and desig <> "Clerk";