

XII Computer Application Model 2025 Answer Key

1 Marks Answers 1 to 6 (any 5)

1. Tokens
2. Boolean
3. Filezilla
4. Alternate key/ secondary key
5. distinct
6. Odoo

2 Marks Answers 7 to 18 (any 9)

7. a.13 b.22
8. strlen, strcpy, strcmp, strcmpi, strcat (any4)
9. Container Tags:-requires opening tag and closing tag
Eg. <html> </html>
Empty Tags:-Used opening tags only. Eg.
, <hr>,
10. background, bgcolor, text, link, alink, vlink, leftmargin
Topmargin (any4)
11. <TR>- Table Row, <TH> - Table Head,
<TD> Table Data (any2)
12. <Frameset rows = "70%,30%">
13. number, string, boolean (any 2 with eg)
14. Database Administrator (DBA), Application Programmer,
Sophisticated user, Naive user

15. ARTS $\cap$ SPORTS

Name	Class
Anu	S2

ARTS - SPORTS

Name	Class
Abhijith	H1

16. SUM(), AVG(), MAX(), MIN(), COUNT() (Any4)
17. Data Definition Language (DDL):-eg: CREATE, ALTER,..
Data Manipulation Language (DML): eg: SELECT, INSERT.
18. Short message service, send text message up to 160 characters

3 Marks Answers 19 to 29 (any 9)

19. goto, break, continue, return (any3 with explanation)
20. a. An array is a collection of elements of the same type in nearest memory locations.
b. Array can Store 100 integer numbers from index number 0 to 99

21. Modular Programming: The entire program will be divided into small sub problems (modules)

- 1) Reduces the size of the program.
- 2) Less chance of error occurrence.
- 3) Reduces programming complexity
- 4) Improves reusability (any2)

22. a. cstring b. cstdio c. ctype

23. Client Side Scripting

- 1 Script is copied to the client browser
- 2 Executed in the client browser
- Mainly used for validation of data

Server Side Scripting

- It remains in the Web Server
- Executed in the Web Server
- Used to connect to databases and return data from the web server (any 3 valid points)

24.5. Heading Tags:-<h1></h1>, <h2></h2>, <h3></h3>, <h4></h4>, <h5></h5>, <h6></h6> with usage

25. a.S b.false c.10

26.1) Shared Hosting:-Multiple websites are shared on a single web server. Cheaper and easy to use. But heavy traffic slows the webserver.

2) Dedicated Hosting:-Uses a single, powerful web server for hosting. Advantage are very speed and performance is stable. But it is highly expensive.

3) Virtual Private Server:-It is a physical server that is virtually partitioned into several servers

27.1) NOT NULL, 2) AUTO_INCREMENT, 3) UNIQUE

4) PRIMARY KEY, 5) DEFAULT (any3 with explain)

28. ERP -Enterprise resource planning. (1)
Explanation or benefits (2)

29. Cyber crimes against individual

1. Identity Theft
2. Harassment
3. Impersonation and Cheating
4. Violation of Privacy
5. Dissemination of obscene material (any3 with note)

5 Marks Answers 30 to 32 (any 2)

30. a. initialization, test_expression, updation, loop body
b. initialization: a=20, sum=0;

Test = while(a<=40)

Update = a=a+5;

Loop body = sum+=a;

c. Condition is checked as last part of loop, loop executed at least once, even if condition is false

31. Ordered list():- Attributes – start and type
- 2) Unordered list():-Attributes - type(disc, circle, square)
- 3) Definition List(<dl><dt></dt><dd></dd></dl>)[dl- definition list, dt- definition term, dd- definition description]

b. text, password, checkbox, radio, reset, submit, button (any4)

32. a. DBMS (Database Management System)

b. Components of DBMS:

Hardware, Software, Data, Users, Procedures
(Any4 with explanation)