

Class X – Computer Applications

ANSWER KEY

(SET- 9)

Section A – MCQ Answers (1 × 20 = 20)

1. (b) <a>
2. (b) Wide Area Network
3. (b) FTP
4. (b) for
5. (b) Third level heading
6. (a) /
7. (a) Identity Theft
8. (c) Router
9. (b) <tr>
10. (c) str
11. (c) HTTPS
12. (b) if
13. (b) Unordered list
14. (b) print()
15. (b) Internet Protocol
16. (b) !=
17. (b)
18. (a) LAN
19. (b) Responsible online behaviour
20. (b) .html

Section B – Very Short Answers (2 Marks Each)

1. Define E-Commerce.

E-Commerce internet ke madhyam se goods aur services ka kharidna aur bechna hota hai.

2. What is a Hub?

Hub ek networking device hai jo multiple computers ko connect karta hai aur data ko sabhi connected devices tak broadcast karta hai.

3. Define Variable in Python.

Variable ek naam hota hai jo memory location ko represent karta hai jisme data store hota hai.

4. What is the use of `<hr>` tag?

`<hr>` tag webpage me horizontal line insert karne ke liye use hota hai.

5. Define Malware.

Malware ek harmful software hota hai jo computer system ko damage karta hai ya data chura leta hai.

6. What is URL?

URL (Uniform Resource Locator) webpage ka address hota hai jise browser me type karke website access ki jati hai.

Section C – Short Answers (3 Marks Each)

1. Structure of HTML Document

HTML document ke mukhya parts hote hain:

- `<html>` – Root element

- <head> – Title aur meta information
- <title> – Webpage ka title
- <body> – Visible content

OR

Advantages and Disadvantages of Internet

Advantages:

1. Fast communication
2. Online services
3. Easy access to information

Disadvantages:

1. Cyber crime
 2. Addiction
 3. Privacy risk
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2. HTML Table Description

Table rows aur columns me data display karta hai.
Isme <table>, <tr>, <th>, <td> tags ka use hota hai.

3. Relational Operators in Python

Relational operators comparison ke liye use hote hain:

- == Equal to
 - != Not equal to
 - Greater than
 - < Less than
 - = Greater than or equal to
 - <= Less than or equal to
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4. Area of Rectangle Logic

Rectangle ka area = Length × Breadth.

User se length aur breadth input liya jata hai aur multiplication karke area calculate kiya jata hai.

5. Difference Between LAN and MAN

- LAN small geographical area cover karta hai.
 - MAN city level network hota hai.
 - LAN fast hota hai aur limited area me use hota hai.
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6. Types of Cyber Crimes

1. Hacking – Unauthorized access
 2. Phishing – Fake emails se data chori
 3. Identity Theft – Personal data misuse
 4. Cyber Bullying – Online harassment
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7. Three Rules of Netiquette

1. Respectful language ka use karein
 2. Fake information spread na karein
 3. Privacy ka dhyan rakhein
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8. Loops in Python

Loops repetition ke liye use hote hain.

- For loop – Fixed repetition ke liye
 - While loop – Condition true hone tak repeat karta hai
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Section D – Long Answers (5 Marks Each)

1. Divisible by 5 and 7 Logic

User se number input liya jata hai.

Number ko 5 aur 7 se divide karke remainder check kiya jata hai.

Agar dono cases me remainder 0 ho to number divisible hai.

2. HTML Webpage Structure

Webpage me following elements honge:

- Heading “Annual Sports Meet”
- Ek paragraph
- Ek image
- Ek ordered list

Basic structure me <html>, <head>, <body> tags use hote hain.

3. Types of Networks

1. LAN – Local Area Network (Small area)
 2. MAN – Metropolitan Area Network (City level)
 3. WAN – Wide Area Network (Large geographical area)
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4. Decision-Making Statements in Python

Decision making ke liye:

- if – Single condition
- if-else – Two conditions
- if-elif-else – Multiple conditions

Ye statements program ke flow ko control karte hain.

Section E – Case Study Answers

Case Study 1

a) FTP ka full form hai File Transfer Protocol.

b) <a> tag hyperlink create karne ke liye use hota hai.

Case Study 2

a) input() function

b) + (Addition operator)