

Class X – Computer Applications

ANSWER KEY – SET 2

Section A – MCQ Answers (1 × 20 = 20)

1. (a) Uniform Resource Locator
 2. (b) <h1>
 3. (b) HTTP
 4. (b) print()
 5. (b) Bing
 6. (a) Ordered list
 7. (b) *
 8. (b) Moral principles of using internet
 9. (b) href
 10. (c) Connecting to internet
 11. (b) <table>
 12. (c) ==
 13. (b) Wide Area Network
 14. (a) CPU
 15. (b) bool
 16. (b) Break line
 17. (a) Virus
 18. (b) Define block of code
 19. (b) Video Conferencing
 20. (b) Creative work
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Section B – Very Short Answers (2 Marks Each)

1. Define World Wide Web.

World Wide Web (WWW) internet par available interconnected web pages ka system hai jise web browser ki madad se access kiya jata hai.

2. What is an IP Address?

IP Address ek unique numerical address hota hai jo network me connected har device ko identify karta hai.

3. Any Two Advantages of Internet

1. Fast communication (Email, Messaging)
 2. Online education aur information access
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4. Define Loop in Python

Loop ek control structure hai jo kisi code ko tab tak repeat karta hai jab tak condition true ho.

5. What is Cyber Stalking?

Cyber Stalking kisi vyakti ko internet ke madhyam se pareshan karna ya dhamkana hota hai.

6. Use of Tag

 tag webpage me image insert karne ke liye use hota hai.

Section C – Short Answers (3 Marks Each)

1. Different Types of Internet Services

1. Email – Electronic message bhejne aur receive karne ke liye.
2. E-Commerce – Online shopping aur selling.
3. Online Banking – Internet ke through banking services.

4. Video Conferencing – Online meeting aur video call.

2. Difference Between `<table>` and `<list>`

- `<table>` data ko rows aur columns me show karta hai.
 - `<list>` items ko list form me show karta hai.
 - Table me `<tr>`, `<td>` use hote hain.
 - List me ``, ``, `` use hote hain.
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3. Data Types in Python

1. int – Whole numbers
 2. float – Decimal numbers
 3. str – Text data
 4. bool – True/False values
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4. HTML Unordered List Example

Unordered list bullet points ke form me items show karta hai.

Example fruits: Apple, Mango, Banana, Orange.

5. Types of Network

- LAN – Chhote area me (School, Office)
 - MAN – City level network
 - WAN – Large geographical area (Internet)
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6. Even or Odd Program Logic

Number ko 2 se divide karke remainder check kiya jata hai.

Agar remainder 0 ho to Even, warna Odd.

7. Three Cyber Safety Rules

1. Strong password use karein.
 2. Unknown links par click na karein.
 3. Personal information share na karein.
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8. Working of HTTP

HTTP ek protocol hai jo browser aur server ke beech communication establish karta hai. Browser request bhejta hai aur server webpage response karta hai.

Section D – Long Answers (5 Marks Each)

1. Largest of Three Numbers

Teen numbers user se input liye jate hain.

If-elif-else statement ki madad se compare karke sabse bada number display kiya jata hai.

Program me:

- input() user input ke liye
 - int() conversion ke liye
 - if-elif-else comparison ke liye
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2. HTML Webpage Structure

Webpage me following elements honge:

- <html> – Main tag
 - <head> – Title section
 - <body> – Visible content
 - <h1> – School Name
 - – Image display
 - – Ordered list of subjects
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3. Types of Cyber Crimes

1. Hacking – Unauthorized access

2. Phishing – Fake email se data chori
 3. Identity Theft – Personal data misuse
 4. Cyber Bullying – Online harassment
 5. Malware Attack – Virus, Worm, Trojan
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4. Control Structures in Python

1. Sequential – Code line by line execute hota hai.
 2. Selection – Decision making (if-else).
 3. Iteration – Loop ke through repetition (for, while).
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Section E – Case Study Answers

Case Study 1

- a) <a> tag
 - b) Web Hosting ek service hai jo website files ko server par store karti hai taaki internet par access ho sake.
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Case Study 2

- a) input() function
- b) if statement