

# Class X – Computer Applications

## ANSWER KEY – SET 4

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### Section A – MCQ Answers (1 × 20 = 20)

1. (a) Computers
  2. (b) <br>
  3. (a) FTP
  4. (b) Windows
  5. (c) if
  6. (a) Table data
  7. (c) LAN
  8. (b) //
  9. (b) Insert horizontal line
  10. (a) Hacking
  11. (b) int
  12. (c) str()
  13. (b) <ol>
  14. (b) Modem
  15. (b) Protect data
  16. (c) <img>
  17. (b) for
  18. (a) Hyper Text Transfer Protocol Secure
  19. (d) All of these
  20. (c) HTML
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### Section B – Very Short Answers (2 Marks Each)

### **1. Define E-Commerce.**

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

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### **2. What is a Search Engine?**

Search Engine ek online tool hai jo internet par information search karne me madad karta hai.

Udaharan: Google, Bing.

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### **3. Two Features of HTML**

1. HTML easy to learn language hai.
  2. Yeh webpages create karne ke liye use hoti hai.
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### **4. What is Indentation in Python?**

Indentation ka matlab code me proper space dena hai taaki block of code define ho sake. Python me indentation compulsory hoti hai.

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### **5. Define Cyber Ethics.**

Cyber Ethics internet ka sahi aur responsible upyog karne ke niyam hote hain.

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### **6. What is IP Address?**

IP Address ek unique number hota hai jo network me device ko identify karta hai.

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## **Section C – Short Answers (3 Marks Each)**

### **1. Structure of Internet**

Internet interconnected networks ka system hai jisme client aur server communication karte hain.

Data packets ke roop me travel karta hai aur routers ke through route hota hai.

OR

### **Types of Web Browsers**

1. Google Chrome
  2. Mozilla Firefox
  3. Microsoft Edge
  4. Safari
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## **2. Ordered List Description**

Ordered list numbers ke form me items show karta hai.  
Isme <ol> aur <li> tags use hote hain.

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## **3. Relational Operators in Python**

Relational operators comparison ke liye use hote hain.  
Jaise:

- == Equal to
  - != Not equal to
  - Greater than
  - < Less than
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## **4. Square of a Number Logic**

User se number input liya jata hai.  
Us number ko usi se multiply karke square calculate kiya jata hai.

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## **5. Difference Between Virus and Worm**

- Virus ko run hone ke liye host file chahiye hoti hai.
  - Worm independent hota hai aur network me spread hota hai.
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## **6. Advantages of E-Governance**

1. Transparency badhata hai
2. Fast service delivery
3. Paperless system

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## 7. Working of POP3 and SMTP

- SMTP email bhejne ke liye use hota hai.
  - POP3 email receive karne ke liye use hota hai.
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## 8. 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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## Section D – Long Answers (5 Marks Each)

### 1. Divisible by 5 and 11 Logic

User se number input liya jata hai.

Number ko 5 aur 11 se divide karke remainder check kiya jata hai.

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

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### 2. HTML Webpage Structure

Webpage me following elements honge:

- Heading “Annual Function”
- Paragraph content
- Image insert
- Unordered list

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

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### 3. Types of Cyber Crimes

1. Hacking – Unauthorized access
2. Phishing – Fake email ke through data chori
3. Identity Theft – Personal data misuse

4. Cyber Bullying – Online harassment
  5. Malware Attack – Virus, Worm, Trojan
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#### **4. Loops in Python**

Python me do main loops hote hain:

1. For Loop – Fixed repetition ke liye
2. While Loop – Condition true hone tak repeat karta hai

Loops repetition ke liye use hote hain.

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### **Section E – Case Study Answers**

#### **Case Study 1**

- a) <form> tag
  - b) Online Payment ka matlab internet ke madhyam se digital transaction karna hai.
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#### **Case Study 2**

- a) If statement condition check karta hai.
- b) print() function output display karta hai.