Class X – Computer Applications

ANSWER KEWY – SET 5

Section A – MCQ Answers (1 × 20 = 20)

1. (b) <a>

2. (a) Simple Mail Transfer Protocol

3. (c) Keyboard

4. (b) for

5. (c) or

6. (c) HTTPS

7. (b) Malware

8. (c) float

9. (b) ==

10. (b) <head>

11. (c) LAN

12. (b) CPU

13. (b) #

14. (b) <form>

15. (a) Phishing

16. (b) input()

17. (a) %

18. (b) <hr>

19. (b) Protect personal data

20. (b) .html

Section B – Very Short Answers (2 Marks Each)

1. Define Cloud Computing.

Cloud Computing ek technology hai jisme data aur services internet ke through remote servers par store aur access ki jati hain.

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2. What is a Web Browser? Give Two Examples.

Web Browser ek software hai jo internet par webpages ko access aur display karta hai. Udaharan: Google Chrome, Mozilla Firefox.

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3. What is Indentation in Python?

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

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4. Define Malware.

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

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5. Use of <img> Tag

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

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6. Define 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 main parts:

- <html> – Root tag

- <head> – Title aur meta information

- <title> – Page ka title

- <body> – Visible content

OR

Features of Internet

1. Global connectivity

2. Fast communication

3. Online services

4. Information access

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2. HTML Table Description

Table rows aur columns me data show karta hai.
Isme <table>, <tr>, <td>, <th> tags use hote hain.

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3. Arithmetic and Relational Operators

Arithmetic Operators:

- (Addition), - (Subtraction), * (Multiplication), / (Division), % (Modulus)

Relational Operators:
==, !=, >, <, >=, <=

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4. Sum of Two Numbers Logic

User se do numbers input liye jate hain.
Dono numbers ko add karke result display kiya jata hai.

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5. Difference Between HTTP and HTTPS

- HTTP secure nahi hota, HTTPS secure hota hai.

- HTTPS encryption use karta hai.

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6. Types of Networks

LAN – Small area
MAN – City level
WAN – Large geographical area

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7. Advantages & Disadvantages of Internet

Advantages:

1. Fast communication

2. Online education

3. E-commerce

Disadvantages:

1. Cyber crime

2. Addiction

3. Privacy issues

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8. Cyber Ethics and Netiquette

Cyber Ethics internet ka responsible use hai.
Netiquette online behaviour ke rules hote hain jaise respectful language use karna aur fake information na failana.

Section D – Long Answers (5 Marks Each)

1. Even or Odd Logic

User se number input liya jata hai.
Number ko 2 se divide karke remainder check kiya jata hai.
Agar remainder 0 ho to Even, warna Odd.

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2. HTML Webpage Structure

Webpage me:

- Heading "Sports Day"

- Ek paragraph

- Ek image

- Ek ordered list

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

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3. Types of Malware

1. Virus – File ko infect karta hai.

2. Worm – Network me spread hota hai.

3. Trojan – Fake software ke roop me aata hai.

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4. Decision-Making Statements in Python

Decision making ke liye if, if-else aur if-elif-else statements use hote hain.
Ye condition check karke execution decide karte hain.

Section E – Case Study Answers

Case Study 1

a) <a> tag
b) Web Server ek computer system hota hai jo website files ko store karta hai aur internet par serve karta hai.

Case Study 2

a) input() function
b) + (Addition operator)