

Total number of printed pages-3

44 (4) WBTC 4.2

2024

WEB TECHNOLOGY

Paper : 4.2

Full Marks : 80

Time : Three hours

The figures in the margin indicate full marks for the questions.

SECTION-A

Answer **any four** questions.

1. (a) Define the following terms : $2 \times 5 = 10$
Web page and Web browser, Internet, VAST, DCOM, HTML.
- (b) What is IP address ? Explain its types briefly. 5
2. (a) Define Wifi. What are the main differences between Java and JavaScript ? 5

Contd.

- (b) Explain the process of creating a website with database connectivity. 10
3. (a) What is VB Script ? Mention the benefits of using VB Script. Explain VB Script variables and operations. 10
- (b) What do you mean by style sheets in HTML ? Explain with suitable examples. 5
4. (a) What do you mean by JDBC and ODBC ? What is the major difference between dynamic and static website ? 10
- (b) Why JavaScript is called as client-side scripting language ? 2
- (c) What do you mean by proxy server ? Explain with examples. 3
5. (a) What is the importance of XML parser ? What is DOM and why it is important ? 5
- (b) What is Firewall ? Explain the application-level gateway in detail. 5
- (c) What is well-formed XML document ? Give its syntax. 5

SECTION-B

6. Write short notes on : (*any four*) $5 \times 4 = 20$

(a) CORBA

(b) Web Server Administration

(c) API

(d) FTP and TELNET

(e) ASP and PHP
