

Q.1. Answers all the following questions (10×2=20)

- a) What is an inter network?
- b) Define Protocol?
- c) Name the four internet connectivity types.
- d) What is URL?
- e) State the work of HTTP?
- f) Define web server?
- g) Name the layers of OSI model?
- h) What is the use of VB script?
- i) What is Router?
- j) What is the function of TCP checksum field?

Q.2. Answer any six question (6×5=30)

- a) Write short notes on
 - i) VB script
 - ii) Java script
- b) Define W.W.W? Write the important components of a W.W.W.
- c) What do you mean by routing of an internet? What is a browser?

- (d) Differentiate between the Direct and Indirect delivery service.
- (e) What is HTML? Write some of its uses?
- (f) What is UDP? Explain briefly.
- (g) What is the work of DTD (Document - Type Definition)?
- (h) Write about the use and work of the Java script?

H. 5. Answer any two questions (2x10=20)

- (3) State and explain the fields of TCP segment format.
- (4) Explain TCP/IP 5-layer reference model with suitable diagram?
- (5) What do you mean by XML? Explain the role of XML document?
- (6) Define (i) web pages (ii) web application. Also describe the Web architecture with a following diagram.

INTERNET AND WEB TECHNOLOGY
SEMESTER - 6th
BRANCH - CSE

1. Answer the following questions

[10x2=20]

- a. What do you mean by URL?
- b. Write the format of subnet masks and subnet address represented in 3 tuples.
- c. Define protocol?
- d. Write 2 advantages of E-mail.
- e. What is UDP?
- f. What is the use of java script?
- g. Define POP3?
- h. What is HTTP?
- i. What is an XML document consists of?
- j. Name the layers of OSI model?

2. Any six questions to be answered [6x5=30]

- a. What is XML?
- b. Write the operation of DNS?
- c. What is web browser?
- d. What is router and its function?
- e. What do you mean by reliable delivery system?

- ④ What is HTML? Write some of its uses?
- ⑤ Define ISP? State the factors for choosing an ISP?
- ⑥ What is the use of VB script? and also describe its work?

Answer any two questions [2 × 10 = 20]

③ Write the salient features of HTML briefly?

④ What do you mean by UDP? Explain briefly?

⑤ Write short notes on :-

(i) ~~DTD~~ DTD

(ii) Protocol

(iii) IMA P4

(iv) VB script

(v) WWW

⑥ Explain the OSI model?

1. Answer the following :-

[10x2 = 20]

- (i) Define Internet?
- (ii) What is Modem?
- (iii) Define Protocol?
- (iv) What is HTML?
- (v) Define URL?
- (vi) What is network?
- (vii) Define web server?
- (viii) Define Router?
- (ix) What is WAN?
- (x) What is XML?

2. Attempt any 6 questions :- [6x5 = 30]

- (i) What is data transmission media?
- (ii) What is wireless network?
- (iii) What do you mean by reliable delivery system?
- (iv) What are the various operators used in JavaScript?
- (v) Explain IP addressing & its format in details?
- (vi) What is protocol? Name any 3 & explain its functions?
- (vii) What is the function of Router?
- (viii) What is VB script language? Write its data types?

Attempt any 2 questions :- [2x10 = 20]

3. Define TCP/IP. Write down all layers in details?
4. Define frames? State its advantages & disadvantages?
5. Write the salient features of HTML briefly?
6. Write short notes on:-
 - (a) Search engine
 - (b) POP3
 - (c) DNS
 - (d) UDP
 - (e) JavaScript.

IWT

1. Answer the following :-

[10x2=20]

- i. What is URL?
- ii. Define www?
- iii. What is Intranet?
- iv. Name the layers of OSI model?
- v. What is an XML document consists of?
- vi. What is the use of JavaScript?
- vii. Define web server?
- viii. What is Router?
- ix. What is the function of TCP checksum field?
- x. Define Protocol?

2. Attempt any 6 questions :-

[6x5=30]

- i. Define www and write its components?
- ii. What is UDP? Explain briefly?
- iii. Write the operation of DNS?
- iv. What do you mean by reliable delivery system?
- v. Define ISP? State the factors of choosing an ISP?
- vi. What is TCP/IP architecture?
- vii. Write the use & work of JavaScript?
- viii. What is Router & its function?

Attempt any 2 questions

[2x10=20]

3. Explain the OSI model with diagram?
4. Write the salient features of HTML briefly?
5. Define frames? State its advantages & disadvantages?
6. Write short notes on:-
 - (a) search engine
 - (b) DTD
 - (c) web pages
 - (d) XML
 - (e) LAN

IWT

1. Answer the following :-

[10x2=20]

- i. Define Protocol?
- ii. what is HTML?
- iii. What is LAN?
- iv. Define URL?
- v. what is the use of VB script?
- vi. What is function of TCP checksum field?
- vii. what is network?
- viii. what is XML?
- ix. Define POP3?

2. Attempt any 6 questions :- [6x5=30]

- i. write the operation of DNS?
- ii. What is the use & work of Javascript?
- iii. Explain IP addressing & its format in details?
- iv. What is data transmission media?
- v. What are the uses of HTML?
- vi. What do you mean by reliable delivery system?
- vii. Define ISP? State the factors for choosing an ISP.
- viii. What is wireless network?

Attempt any 2 questions :- [2x10=20]

3. Explain the OSI model with neat diagram.
4. Define TCP/IP. write down all layers in details.
5. What do you mean by XML? Explain the role of XML document?
6. Write short notes on :-
(a) VB script (b) DTD (c) web pages (d) DNS
(e) HTTP