

Program: BCA – Semester – V

Attempt any TWO assignments of each subject

Code No: 5.1

Web Design & Internet Programming

Attempt any TWO questions from the following:

Assignment No.1

Discuss the Link Element in detail.

Assignment No-2

Explain various text formatting tags with appropriate example.

Assignment No-3

Write short note on the following

- a) GIF animator
- b) Documents Object Model

Assignment No-4

Explain in brief concept of web server and web browser.

Assignment No-5

What is flash Layout write in details?

Assignment No-6

Give detail on HTML structure

Assignment No-7

What are the principles of Web design and web site types?

Assignment No-8

What is HTML Editors and Tools?

Assignment No-9

Write short note on the following

- a) Use of Internet
- b) Compatibility Testers

Assignment No-10

Write short note on the following

- a) FTP
- b) HTML

Code No: 5.2

Multimedia Management

Attempt any TWO questions from the following:

Assignment No.1

Differentiate between MIDI and digital audit.

Assignment No-2

Describe the role of multimedia in business

Assignment No-3

Write short note on the following:

- a) MIDI
- b) Speech

Assignment No-4

What is Programming?

Assignment No-5

Write short note on the following:

- a) Graphics
- b) Dithering

Assignment No-6

Write short note on the following

- a) GIF
- b) TIFF
- c) XPM
- d) BMP

Assignment No-7

Write on Image.

Assignment No-8

Write on Animation

Assignment No-9

Define Multimedia Communication in detail with its challenges and examples.

Assignment No-10

Write short note on the following

- a) QOS
- b) Sound

Code No: 5.3**Advanced Networking**

Attempt any TWO questions from the following:

Assignment No.1

Explain user data gram protocol in detail

Assignment No-2

Explain internetworking concept in detail.

Assignment No-3

Write short note on the following

- a) FDDI
- b) Dotted Decimal Notation

Assignment No-4

Write short note on the following

- a) UDP Encapsulation
- b) Ethernet

Assignment No-5

What is Logical address? Explain various logical address classes.

Assignment No-6

What is RARP? Explain backup RARP servers?

Assignment No-7

How to establish TCP connection and Closing a TCP connection? Explain.

Assignment No-8

Explain the procedure of resolution through direct mapping and Dynamic binding.

Assignment No-9

Define ARP protocol and RARP in detail.

Assignment No-10

Write short note on the following

- a) XNS
- b) IPX/SPX
- c) NETBIOS and NETBEUI

Code No: 5.4**Project Management**

Attempt any TWO questions from the following:

Assignment No.1

A proposed project can offer the NPV as follows:

Outcome (NPV) Rs	Probability
2500	0.3
2100	0.3
1800	0.4

Assignment No-2

Describe non-functional requirements along with its types as applied on a system. Give examples.

Assignment No-3

Write short note on the following

- a) Project Resources
- b) Network

Assignment No-4

Write short note on the following

- a) Resource Planning
- b) Project Scheduling

Assignment No-5

How does software configuration management facilitate the changes that may occur during various stages of a system development life cycle? Illustrate your explanation with an example at each stage.

Assignment No-6

How is the decomposition of software beneficial in cost and effort estimation? Explain various decomposition techniques with the help of an example.

Assignment No-7

Present an argument against lines of code as a measure for software productivity. Will your case hold up when dozens or hundreds of projects are considered?

Assignment No-8

Explain the financial arrangement for removing the asset – liability mismatch for an infrastructure project.

Assignment No-9

Write detail on cost estimation.

Assignment No-10

Write on SRS in detail

Code No: 5.5**Information System Audit-I**

Attempt any TWO questions from the following:

Assignment No.1

What are common forms of tools or techniques used to perform monitoring?

Assignment No-2

(a) What are different types of security-enhanced protocol extensions?

(b) What is learning information system and how it works?

Assignment No-3

Explain:

a) Purpose of cryptography?

b) What is transposition cipher?

Assignment No-4

Explain:

a) How Secret key cryptography works?

c) Write the area of application of window?

Assignment No-5

(a) Difference between functional structure and Divisional structure.

(b) What is data Processing? Distinguish between MIS and data processing system.