

(4)

Roll No.....

Total No. of Sections : 03

Total No. of Printed Pages : 04

Q.4 Explain Architecture of Internet.

**OR**

What is HTML? Explain, how tables are created in HTML with the help of an example.

Q.5 What is java script? Explain java script conditional statement.

**OR**

Explain in detail -

i) Webserver    ii) DHTML    iii) Java

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**Online Annual Examination - 2020**

**BCA - II**

**BCA - 204**

**COMPUTER NETWORKING &**

**INTERNET TECHNOLOGY**

**Max.Marks : 100**

**Time : 3 Hrs.**

**Min.Marks : 40**

**Note :** Section 'A', containing 10 very short-answer-type questions, is compulsory. Section 'B' consists of short answer type questions and Section 'C' consists of long answer type questions. Section 'A' has to be solved first.

**Section - 'A'**

**Answer the following very short-answer-type questions in one or two sentences : (1×20=20)**

Q.1 Name any 5 computer networking applications.

Q.2 What is meant by Toplogy? Name some popular topologies.

Q.3 Write full form of ARPANET? What is ARPANET exactly?

Q.4 In OSI model data encryption is provided by.... layer.

Q.5 What is simplex method? Explain in brief.

Q.6 Explain main function of DCE interface.

Q.7 WWW was given by....? Explain its functionality in brief.

**P.T.O.**

(2)

- Q.8 What is Java script?  
Q.9 What is CGI scripting? Explain with example.  
Q.10 Write any five basic tags used in HTML?

**Section - 'B'**

**Answer the following long answer type questions in word limit 150-200 : (6 5=30)**

- Q.1 What are different modes of transmission of data? Explain.

**OR**

Explain different types of line configuration.

- Q.2 What is data link layer? Explain various services provided by data link layer to network layer.

**OR**

Write any 5 difference between OSI model and TCP/IP model.

- Q.3 What is modem? Explain different types of modem.

**OR**

Write short notes on :-

- i) Analog transmission ii) Digital transmission

- Q.4 Explain WWW with example.

**OR**

What is CGI? Explain CGI scripting with its purpose.

(3)

- Q.5 What are applets? Explain how we can add an applet into a webpage.

**OR**

Write a note on stylesheets and CSS.

**Section - 'C'**

**Answer the following long answer type questions in word limit 300-350 : (10x5=50)**

- Q.1 Write short notes on :-

- i) Categories of network ii) Protocols & Standards

**OR**

Explain in details -

- i) Mesh ii) Ring iii) Star  
iv) Tree v) Bus Topologies

- Q.2 Explain TCP/IP reference model in detail.

**OR**

Write short notes on :-

- i) Novell Netware ii) NFSNET

- Q.3 Explain parallel & serial transmission in detail.

**OR**

Explain the function of DTE & DCE.

**P.T.O.**