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Code No. : C-296

Roll No.....

Total No. of Sections : 03

Total No. of Printed Pages : 04

Q.4 Explain C.G.I. scripting with example. Write its advantages and disadvantages.

**OR**

Explain the following :

- (i) Web publishing
- (ii) Architecture of internet

Q.5 Explain the following :

- (i) Java applet
- (ii) CSS

**OR**

Explain Javascript. Write any five Javascript commands.

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**Annual Examination - 2019**

**BCA Part - 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 : (2 × 10=20)**

- Q.1 Define computer networks.
- Q.2 Write the full name of UDP and SNMP.
- Q.3 Define Bus Topology.
- Q.4 What is IP address?
- Q.5 What do you mean by Interface?
- Q.6 Define Modulation.
- Q.7 What do you understand by DHTML?

**P.T.O.**

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- Q.8 Define WWW.  
Q.9 What is web server?  
Q.10 Which command is used for subscript in HTML?

**Section - 'B'**

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

- Q.1 Describe various transmission mode used in networking.  
**OR**  
Explain different types of topologies used for LAN.  
Q.2 What is the role of physical layer? Explain the function of the physical layer.  
**OR**  
Explain Novel Netware.  
Q.3 Explain types of modem and standards of modem.  
**OR**  
Describe pulse code modulation.  
Q.4 Discuss the following tag with sample code :  
(i) < FONT > (ii) < ADDRESS >  
(iii) < HEADING > (iv) < BLOCKQUOTE >  
**OR**  
What is Internet? Differentiate between Internet and Intranet.

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- Q.5 What do you mean by Web pages? Explain static and dynamic web page.

**OR**

Define Javascript. Explain structure of Javascripts and its uses with example.

**Section - 'C'**

**Answer the following long-answer-type questions with word limit 300-350 : (10 5=50)**

- Q.1 Explain distributed processing v/s client server processing.  
**OR**  
Differentiate the following :  
(i) LAN, MAN and WAN  
(ii) Point to point and multipoint configuration  
Q.2 Explain the OSI model with the roles and functions of each of its layer.  
**OR**  
Explain the following :  
(i) ARPANET and NSFNET  
(ii) TCP/IP reference model  
Q.3 Explain DTE-DCE interface with diagram.  
**OR**  
Explain the following :  
(i) Synchronous and Asynchronous communication  
(ii) Conversion process of analog signal to digital signal

**P.T.O.**