PGDCA/MSCCS-05/MCA-105/CCNI

December - Examination 2018

MSCCS / PGDCA / CCNI/ MCA I Year Examination

Computer Networking and Internet

Paper - PGDCA/MSCCS-05/MCA-105/CCNI

Time : 3 Hours]   **[Max. Marks :- 100**

Note: The question paper is divided into three sections A, B and C. Write answers as per given instructions.

Section - A $10 \times 2 = 20$

(Very Short Answer Questions)

Note: Answer **all** questions. As per the nature of the question delimit your answer in one word, one sentence or maximum upto 30 words. Each question carries 2 marks.

1)   (i)   What is a protocol?

     (ii)   List the basic operations of socket.

     (iii) Name the attributes that the <Body> tag can take.

     (iv)   Differentiate Java Script and J Script.

     (v)   What are cookies?

     (vi)   Define ADO.

     (vii) List different LAN topologies.

     (viii) Differentiate bridge and router.

(ix) Write the sublayers of DLL in the internet.

(x) Explain Jitter with and example.

Section - B $4 \times 10 = 40$
(Short Answer Questions)

Note: Answer **any four** questions. Each answer should not exceed 200 words. Each question carries 10 marks.

2) Explain the basic components of a Data communication system with a suitable diagram. What are the benefits of using layered Approach in computer Networking?

3) Explain in detail about the various guided and unguided transmission media.

4) Write in detail the various tasks performed by the web browser while using internet.

5) What do you mean by markup language? How is it different from a programming language? What are the features of HTML document contain? Explain about any five HTML tags with example.

6) Describe the dynamic and interactive function in a web page. Explain the terms: Regular expression, event handling and on Abort.

7) Define and explain the data link layer in IEEE802 project. Why is the layer divided into sublayers? Explain working of each sublayer.

8) What are the issues related to network eligibility and security ? Explain.

9) What is ATM? Explain its topology and protocol.

Section - C $2 \times 20 = 40$

(Long Answer Questions)

Note: Answer **any two** questions. You have to delimit your each answer maximum upto 500 words. Each question carries 20 marks.

10) Describe about various internetworking connecting devices. Discuss in detail any one routing algorithm with example.

11) What do you mean by e-commerce? How does computer network support it? Explain the different application and their benefits of e-commerce.

12) Describe the various components of web project. Discuss in detail the steps required for publishing and maintaining the web site.

13) Write note on

   (i)   FTP

   (ii) Image Slicing

   (iii) Operators used in ASP

   (iv) Style sheets

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