

PGDCA/MSCCS-05/MCA-105/CCNI

June - Examination 2017

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 × 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) Give the Ethernet specification of 10BASE-T cable type.
- (ii) Define Bandwidth.
- (iii) Name any three computer antivirus.
- (iv) List the uses of Router.
- (v) How can you resize an array in ASP?
- (vi) Name any three search engine.
- (vii) How to declare a variable in JavaScript?

- (viii) Define Protocol.
- (ix) Why the pairs of wire is twisted together in UTP cable?
- (x) What is Spamming?

Section - B**4 × 10 = 40**

(Short Answer Questions)

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

- 2) What are the different techniques for achieving good Quality of Service?
- 3) What do you mean by Network Topologies? Explain the specification of various Network Topologies.
- 4) How internet E-mail works? Compare POP and SMTP protocol.
- 5) What is Web Browser? How to use bookmarks in a Web Browser? Explain.
- 6) Discuss the usage of CSS in web designing with suitable example.
- 7) What is ASP? What are the advantages of using ASP in Web Development?
- 8) Explain the working of TELNET.
- 9) Compare Server Based network and Peer-to-Peer Network.

Section - C**2 × 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) Why TCP is known as connection oriented transport layer protocol? Explain TCP Header format with description of each field in the header.
- 11) What is Client Side Scripting Language? Describe various conditional statement used in JavaScript with suitable example.
- 12) Explain the basic concept of E-Commerce. Also discuss the advantages of E-Commerce.
- 13) Write short note on the following:
 - (i) Cookies
 - (ii) Firewall
