

PGDCA/MSCCS-05/MCA-105/CCNI

December - Examination 2016

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) Define computer network.
- (ii) What is the function of Repeater?
- (iii) What do you understand by frame?
- (iv) Define virtual LAN.
- (v) What do you understand by IP address?
- (vi) Define web server.
- (vii) Define bandwidth.
- (viii) List out features of ASP.NET.

- (ix) Define topology.
- (x) What do you understand by packet switching?

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 do you understand by ISO-OSI model? Explain in brief.
- 3) Explain the working of search engine.
- 4) What is Intranet? How it is differ from Internet?
- 5) Explain different classes of IP addresses in brief.
- 6) Discuss Website publishing.
- 7) What are the differences between ASP.NET and VB.NET?
- 8) Compare TCP and UDP.
- 9) Describe the use of Proxy Server.

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) What is TENET? Explain the working of remote login using TELNET.
- 11) What is www? Explain its elements.
- 12) Compare IPv4 and IPv6.
- 13) What is TCP/IP reference model? Compare OSI and TCP/IP model.