

PGDCA / MSCCS-05 / MCA-105 / CCNI

June - 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) What is TCP/IP?
- (ii) What is Http?
- (iii) Why IP is used for internet?
- (iv) What is Intranet?
- (v) What is cookies?
- (vi) Why is proxy server used?
- (vii) What is MAC address?
- (viii) What is the difference between LAN and WAN?

- (ix) What do you understand by a web page?
- (x) What is VPN?

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) What are different transmission medias? Discuss available transmission medias for networks in brief.
- 4) What are different classes of IP addresses? Explain in brief.
- 5) What is routing? Explain any one routing algorithm in brief.
- 6) What is HTML? Explain in brief.
- 7) How do you add Java script onto a web page? Explain using an example.
- 8) What is the difference between client-side script and server-side script?
- 9) Difference between SSL and SET protocols.

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 TCP/IP reference model? Explain the functions of each layer in detail.
- 11) Explain the working of FTP protocol.
- 12) How is E-commerce supported through internet? Explain by any example.
- 13) Write short notes on:
 - (i) Working of SMTP
 - (ii) Network security issues
