

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

December - Examination 2019

**MSCCS / PGDCA / CCNI/ MCA I Year  
Examination****Computer Networking and Internet****Paper - PGDCA/MSCCS-05/MCA-105/CCNI****Time : 3 Hours ]****[ Max. Marks :- 80**

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

**Section - A****8 × 2 = 16****(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 Protocol? Name any one protocol.
  - ii. How to declare an array in ASP? Give an example.
  - iii. Give any two valid examples of an email address.
  - iv. Write the HTML code to show a password field.
  - v. Name any two Virus.
  - vi. What is Anti-aliasing?
  - vii. List any two uses of the proxy server.
  - viii. What is the use of cookies?

**Section - B** $4 \times 8 = 32$ **(Short Answer Questions)**

**Note:** Answer **any four** questions. Each answer should not exceed 200 words. Each question carries 8 marks.

2. Distinguish between guided media and unguided media.
3. What is WWW? Explain the structure of the WWW.
4. Describe the use of the Presentation layer of the OSI Model.
5. Write a short note on the ActiveX Controls.
6. Write a program in JavaScript to validate the field present in the text box.
7. What is a firewall? Explain the working of a firewall in detail.
8. How is E-commerce supported through the internet? Explain with an example.
9. Write a short note on the working of the search engine.

**Section - C** $2 \times 16 = 32$ **(Long Answer Questions)**

**Note:** Answer **any two** questions. You have to delimit your each answer maximum upto 500 words. Each question carries 16 marks.

10. What do you mean by Network Topologies? Explain different types of network topologies with a neat diagram.
11. What do you mean by server-side scripting language? Explain session application and cookie methods in ASP with suitable example.
12. Describe the mechanism of catching errors in JavaScript with suitable example.
13. Write a short note on the following:
  - a. ADSL
  - b. Video Conferencing