

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

**December – Examination 2021**

**PGDCA/MSCCS (Previous)/  
MCA (Ist Year) Examination**

**Computer Networking and Internet**

**Paper : PGDCA-05/PGDCA-105/MSCCS-05/  
MSCCS-105/MSCCSC-105/MCA-105**

*Time : 1½ Hours ]*

*[ Maximum Marks : 80*

*Note* :- The question paper is divided into two Sections A and B. Write answers as per the given instructions.

**Section–A**

**4×4=16**

**(Very Short Answer Type Questions)**

*Note* :- Answer any *four* questions. As per the nature of the question delimit your answer in one word, one sentence or maximum up to **30** words. Each question carries 4 marks.

1. (i) What are the main parts of an e-mail ? Write their names.
- (ii) What is the function of SSL ? Explain in short.
- (iii) Explain the uses of routers and gateways in short.
- (iv) Write any *four* uses of an e-mail.
- (v) Write any *four* applications of computer networking.
- (vi) Explain the disadvantages of cable Internet access in short.
- (vii) What are the main differences between Circuit Switching and Packet Switching ?
- (viii) What do you mean by hyperlink ? How is it useful ?

**Section-B** **4×16=64**

**(Short Answer Type Questions)**

**Note** :- Answer any *four* questions. Answer should not exceed **200** words. Each question carries 16 marks.

2. What are Internet Browsers ? Explain the tasks performed by Internet Browsers.
3. What is Internet security ? Explain in detail.
4. What do you understand by network topology ? Explain its various types in detail.
5. What is JavaScript ? Write all the conditional statements in JavaScript. Explain if...else statement with an example.
6. Write short notes on the following :
  - (a) Proxy server
  - (b) Web server
7. Explain the elements of WEB in detail.
8. Explain the differences between IPv4 and IPv6 in detail.
9. What is e-commerce ? Explain its advantages in detail.