

13. (a) When should you use HTML5 tags such as STRONG, EM and SMALL ?
- (b) What are the most common problems in website design ?

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

June – Examination 2024

**PGDCA/MSCCS (Previous)/
MCA (Ist Year)/CCNI Examination
COMPUTER NETWORKING AND INTERNET
Paper : PGDCA-05/MSCCS-05/PGDCA-105/
MSCCS-105/MSCCSC-105/MCA-105/CCNI**

Time : 3 Hours]

[Maximum Marks : 80

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

Section–A

8×2=16

(Very Short Answer Type Questions)

Note :- Answer all 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 2 marks.

1. (i) What is Gateway ?
- (ii) What is Mesh Topology ?
- (iii) Define Cookies.
- (iv) Express www with an example.
- (v) What is a Search Engine ?
- (vi) Write tools used for website creation.
- (vii) Mention JavaScript data types.
- (viii) Define Array with an example.

Section-B **4×8=32**

(Short Answer Type Questions)

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

2. Explain different transmission media.
3. What is TCP/IP ? Explain.
4. What is the difference between IPv4 and IPv6 ?
5. Define the following terms :
 - (a) Firewall
 - (b) Maintenance of the website

6. How the internet works ? Explain.
7. What is Cyber Law ?
8. Why is Ethics important ? Clarify it.
9. How to create a webpage ? Write steps.

Section-C **2×16=32**

(Long Answer Type Questions)

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

10. Explain the differences between the TCP/IP Model and the ISO-OSI Reference model.
11. What is virtual LAN ? How does virtual LAN reduce traffic ? Explain.
12. What is web designing and responsive web design ?
What are the most widely used languages for web design ?