J-9/2090

FUNDAMENTALS OF COMPUTER NETWORKS INTERNET AND SCRIPTING LANGUAGES-204
SEMESTER-II
SYLLABUS MAY-2018

TIME ALLOWED 2 Hrs   M.M 70

NOTE; Attempt any four questions. All questions carry equal marks.

Q1. What do you mean by computer network? What are its uses? Discuss in detail about various hardware and software requirement for computer networks.

Q2. Discuss in detail the role of various layers of TCP/IP reference model.

Q3. Discuss the following in brief
 a) Point to point network
 b) Multicast network
 c) Broadcast network

Q4. What are different types of internetworking devices? Discuss in detail.

Q5. Discuss the working of following in detail
 a) DNS
 b) File Transfer protocol

Q6. Why network security is important? Name different security techniques. Explain any one in detail.

Q7. Discuss the general structure of HTML tag? Illustrate their use and importance with example. Discuss various HTML tags in brief.

Q8. What do you mean by hyperlink? What are various types of hyperlinks? Discuss in detail giving the structure of hyperlinks.

Q9. a) What are the uses and abuses of computer networks?
 b) Differentiate between LAN and WAN.
 c) Write short note on concatenated virtual circuits.
 d) Briefly discuss the internet architecture.
 e) What are the merits and demerits of email?
 f) What do you mean by distributed computation?
 g) What are the limitations of HTML?