Reg. No.:					

## **Question Paper Code: 12044**

## M.E. DEGREE EXAMINATION, DECEMBER 2013.

## First Semester

Computer Science and Engineering (with Specialization in Networks)

01PNE102-TCP/IP

(Regulation 2013)

Duration: Three hours Maximum: 100 Marks

Answer ALL Questions.

PART A - 
$$(10 \times 2 = 20 \text{ Marks})$$

- 1. What is the use of BOOTP?
- 2. What do you mean by RFC?
- 3. Compare Static routing and Dynamic routing.
- 4. What do you mean by Best effort delivery System?
- 5. What is a Port number? Mention the range of Pre-defined port numbers.
- 6. Define Piggybacking.
- 7. Define the term QoS.
- 8. What are the advantages of using Switching with IP?
- 9. Compare IPV4 with IPV6.
- 10. Define different QoS metrics.

PART - B (5 x 
$$14 = 70 \text{ Marks}$$
)

11. (a) (i) Describe about the network architecture with diagram. (7)

(ii) Write a note on ARP with its frame format. (7)

Or

(b) (i) Explain in detail about DHCP.

