



R18 Regulation

Subject code: 207DA

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

(Autonomous, Accredited by NAAC with 'A+' Grade)

B.Tech VII Semester Supplementary Examinations, April 2024

COMPUTER NETWORKS

(ECE)

Maximum Marks: 70

Duration: 3 hours

- Note:**
1. This question paper contains two parts A and B.
 2. Part A is compulsory which carries 20 marks. Answer all questions in Part A.
 3. Part B consists of 5 Units. Answer any one full question from each Unit.
 4. Each question carries 10 marks and may have a, b, c, d as sub questions.

Part-A

All the following questions carry equal marks (10X2M=20 Marks)

- 1 State the major functions performed by the presentation layer of the ISO OSI model.
- 2 What is OSI?
- 3 What is a buffer?
- 4 Define checksum.
- 5 Define router.
- 6 What do you mean by ARP?
- 7 Define congestion.
- 8 What is a port?
- 9 What is SMTP
- 10 What is DNS?

Part-B

Answer All the following questions.

(5X10M=50Marks)

- 11 Explain about physical layer and its transmission modes. [10]

OR

- 12 Explain about transmission media in detail. [10]

- 13 Explain about hamming code with an example. [10]

OR

- 14 Explain about ALOHA in detail. [10]

- 15 Define routing & explain distance vector routing and link state routing. [10]

OR

- 16 Explain about flooding routing protocol. [10]

- 17 Explain about data traffic in detail. [10]

OR

- 18 Explain about process to process to delivery in detail. [10]

- 19 Describe about the www in detail. [10]

OR

- 20 Explain about the http. [10]