



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE

www.sathyabama.ac.in

CONTINUOUS ASSESSMENT TEST - II

Program : B.Tech - IT

Max. Marks: 30

Course : Data Communication & Computer Networks

Time: 1 Hour

Course code: SCS1314

SEM : V

Batch : 2018-2022

Date: 06-11-2020

Part-A **Answer ALL the questions** **(5×2=10)**

Q.No	Questions	CO (L)
1.	Differentiate IPV4 and IPV6	CO3(L4)
2.	Discuss the basic function of routing algorithm	CO3 (L2)
3.	Organize the three keys of link state routing algorithm	CO3 (L3)
4.	Compare TCP and UDP	CO4 (L4)
5.	Define Keep alive Timer	CO4 (L1)

Part-B **Answer ALL the questions** **(2×10=20)**

Q.No	Questions	CO (L)
6.	Analyze distance vector algorithm with a neat diagram? Explain the functions performed in each steps.	CO3 (L4)
(OR)		
7.	Explain IPv4 in detail with neat frame format.	CO3 (L5)
8.	Examine different types of congestion control techniques in TCP.	CO2 (L4)
(OR)		
9.	Construct the header frame format of TCP and explain the timers used in TCP.	CO2 (L6)