

## Vidyavardhini's College of Engineering and Technology

## Department of Artificial Intelligence & Data Science

AY: 2024 - 25

Class:	TE	Semester:	V	
Course Code:	C2C201	Course Name:	Computer	Network

Name of Student:	Sainath S. Knot
Roll No. :	20
Assignment No.:	
Title of Assignment:	Apply the concepts of data communication
Date of Submission:	20/7/26
Date of Correction:	30/7/11

## **Evaluation**

Performance Indicator	Max. Marks	Marks Obtained
Completeness	5	03
Demonstrated Knowledge Legibility	3	02
Legibility	2	02
Total	10	07

Performance Indicator	Exceed Expectations (EE)	Meet Expectations (ME)	Below Expectations (BE)
Completeness	5	3-4	1-2
Demonstrated Knowledge Legibility	3	2	1
Legibility	2	1	0

Checked by

Name of Faculty

: Miss Sneha Yadau

Signature

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Date

28/18/14

Q, O) model gime a layered retworking framework that conception how communication should be done butween heterogenous systems. It has I layers. Application layer Presentation laws session layer Tronsparent layer Nutwork layer Data Link layer Physical layer Physical link a) Physical layer: Deale with me physical cornection bituer heterogenous devices including transmission & reception of your bitstreams. b) Data link layer: Manage the direct point - To -point commiscation between devices including error detection o) Network layer: Responsible for data routing parket forwarding & addressing. d) Trasport: growns reliable data transfer bituer devices hardling over convitien & segmentation e) Session layer. Manager session or connection between application, establisher, maintains & terminates connection FOR EDUCATIONAL USE Sundaram

	F) Presentation layer. Translater data between the
	f) Presentation layer Translater data norder data application layer 6 the returner to format
	Tormac Tormac
	Charles deviges
	a) Hope Carlos
	e) Application layer: and -user appreciations a interfaces with the network, provider protocols a interfaces
	with the naturark provider protocols and the for services like web browsing , smalls a file
	trasfer.
Ďι	A switch is a multiport bridge with a buffer &
=)()	a disign that can be boost it efficiency (a large
	a disign that can be soot of trallie
	no of parts imply
(2)	It is a data link layer device
(3)	
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	that have porter to toround states
	the same T continued to the same and the sam
•	a silly issues with the switch and
1)	Could parts: Some switch purts irright see Tenders
<del></del>	more traffic than it can support
2)	purload switch: The switch might be handling
	more traffic than it can support
3)	firmware issues: The swith firmware might
	be outdated or corrupted.
	DE UM SANS

	Might be causing community problems.
	midd by a size (Santivity problems:
	might be causing countries
•	Trouble shooting steps:
î	Trouble shooting Steps:  Check Port Status: Use the switch management  the Ports  To high the Status of the ports
4	101.01-01
	4 identify any eronoro.  1 test different Ports: more affected devices to  1 test different Ports: more affected devices to
2	) Test different Ports: More affects
	Nillania Por
	y, come prosists.
	the issue pusists.  Monitor traffic: Use networking tools to  analyze the switch traffic load a identify
	maliss of
	any battlenerte: Domload a install the latest  a) Update fixmwore: Domload a install the latest
	g) Update firmwore: Domload a install montgasture's firmwore for the switch from the montgasture's
	auboide.
(	
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