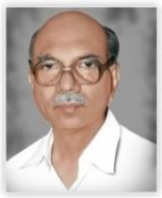

2.5.1. Mechanism of internal assessment is transparent and robust in terms of frequency and mode

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SCHEME OF EVALUATION - MID 1 EXAMS				
Acd yr :	2021-2022	Semester :	I	
Class :	III B.Tech	Subject :	DCN	
	Q.No.	CONTENT	MARKS	
	1	concept of X.25 Network	5	
	2	Frame Relay and its layers	5	
		SONET Architecture	3	
	3	SONET layers	2	
	4	Time division switch and Cross bar switch	5	
	5	OSI reference model	5	
	6	IEEE802.11 standards	5	

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SCHEME OF EVALUATION - MID I1 EXAMS				
Acd yr :	2021-2022	Semester :	I	
Class :	III B.Tech	Subject :	DCN	
	Q.No.	CONTENT	MARKS	
	1	PPP frame format	5	
	2	channelization protocols	5	
	3	IP addresses in IPV4	5	
	4	Path Vector Routing	5	
	5	E-mail architecture	5	
	6	SNMP	5	

Pvkr Visvodaya Institute of Technology & Science

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20735A0413
Btech - ECE
III year
Henry Section

ASSIGNMENT - 2

DIGITAL COMMUNICATION NETWORKS

(5)

1. Explain briefly about Carrier Sense Multiple Access (CSMA)?

A. → CSMA is based on the principle "sense before transmit" or "listen before talk.

→ CSMA can reduce the possibility of collision but it cannot eliminate it.

→ The possibility of collision still exists because of probabagation delay : when a station sends a frame, it still takes time for the first bit to reach every station and for evergy station to sense it.

→ In this method, a station monitors the medium after it sends a frame to see if the transmission was succesful.

→ If so, the station is finished.

→ If howeved, there is a collision, the frame is sent again

→ Collisions are avoided through the use of CSMA/CD three strategies :

① The interframe space

② The contention window.

③ Acknowledgements.

Minimum frame size :

→ For CSMA/CD to work, we need a restriction on the frame size.

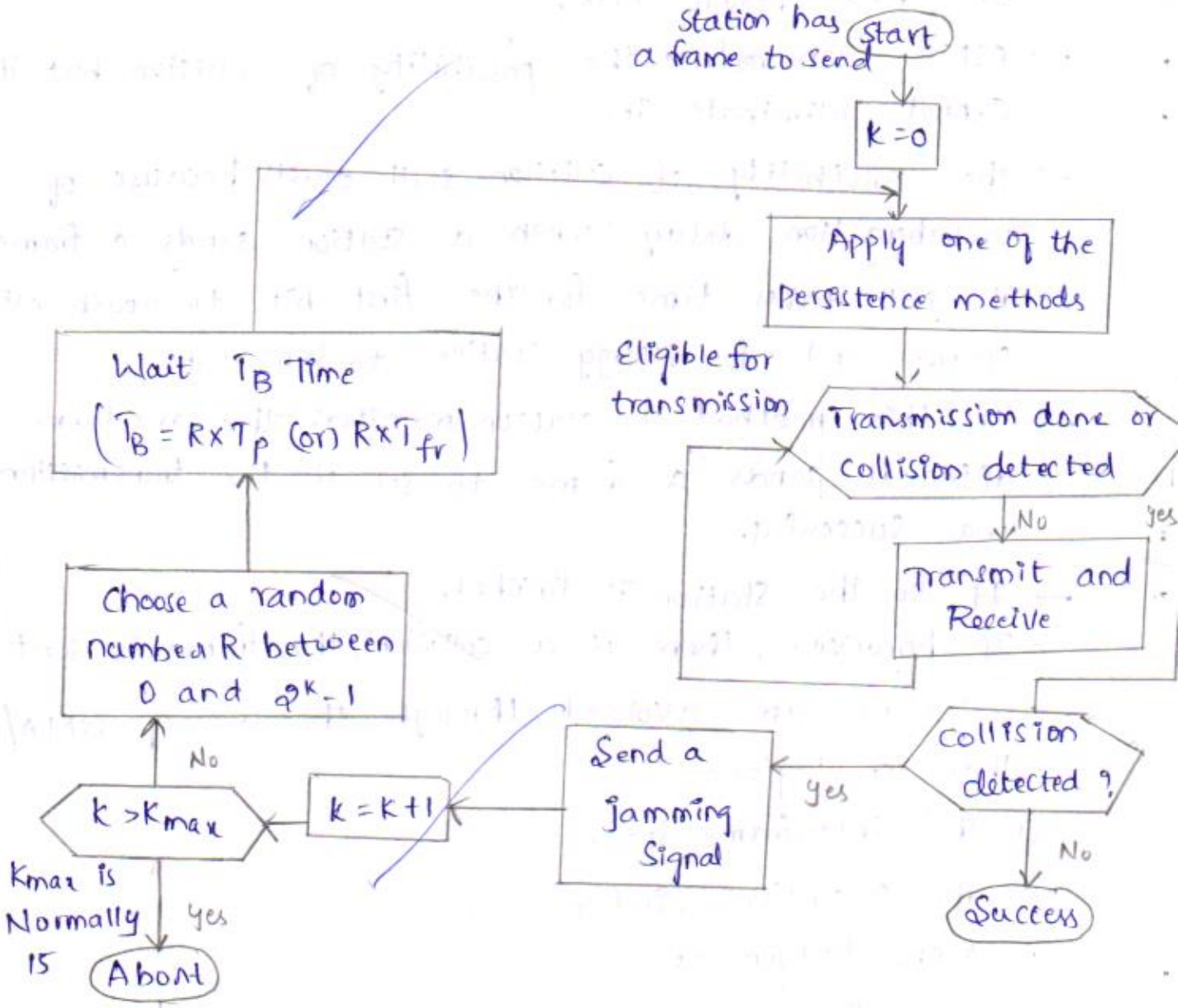
→ Before sending the last bit of the frame, the sending station must detect a collision. if any, and about the

transmission.

→ This is so because the station, once the entire frame is sent does not keep a copy of the frame and does not monitor the line for collision detection.

→ Therefore, the frame transmission Tfr must be at least two times the maximum propagation time. Tp.

Flow diagram for the CSMA/CD



Acknowledgement

→ With all these precautions, there still may be a collission resulting in destroyed data.

→ In addition, the data may be corrupted during the

transmission.

→ The positive Acknowledgement and the time out timer can help guarantee that the receiver has received the frame.

2 Explain briefly about Channelization and Explain TDMA, FDMA, CDMA.

A. Channelization is a multiple-access method in which the available bandwidth of a link shared in time, frequency, or through code between different Stations Three Channelization protocols:

→ FDMA

→ TDMA

→ CDMA.

Frequency-Division multiple Access (FDMA):-

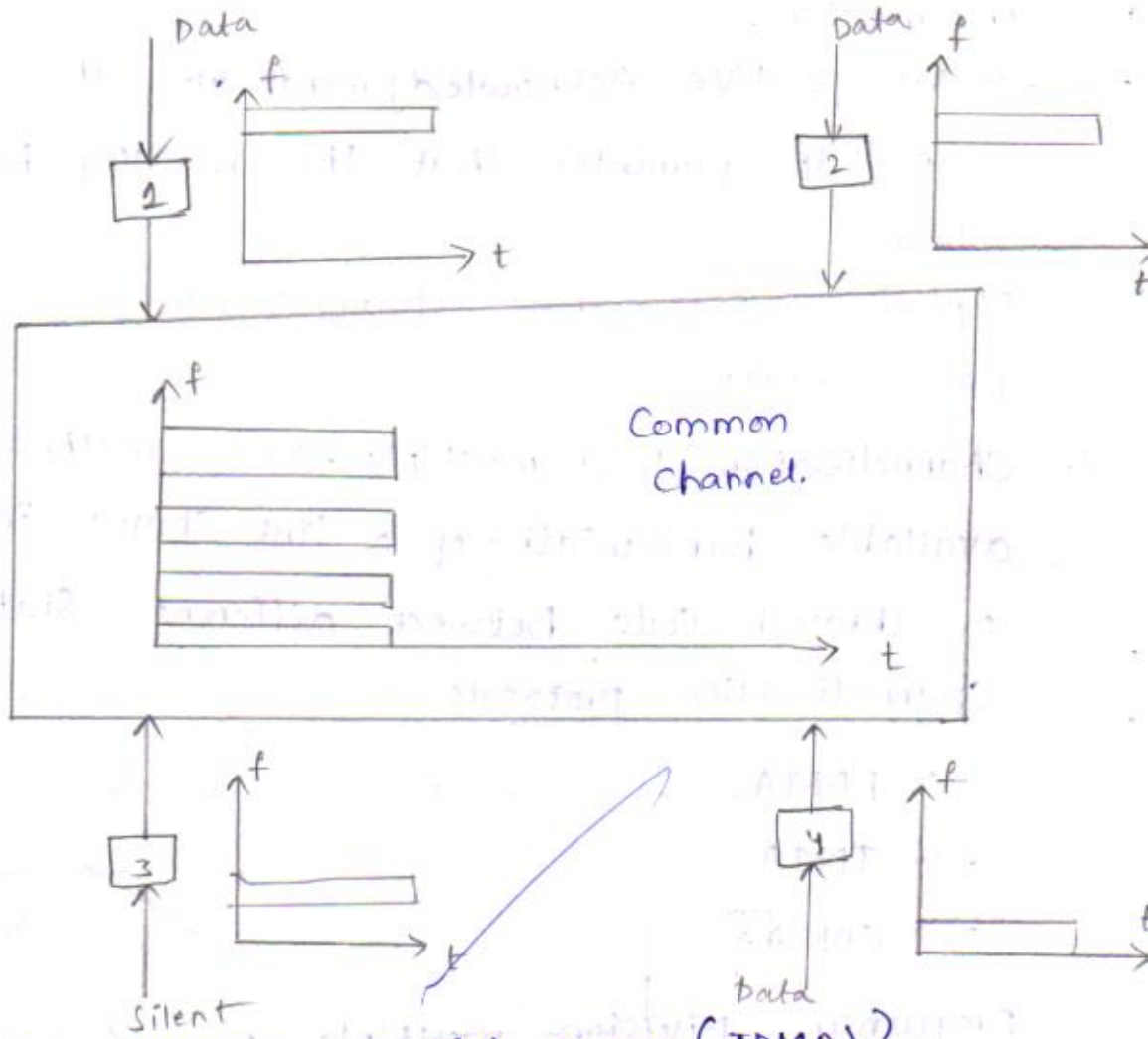
→ In frequency-division multiple access, the available bandwidth is divided into frequency bands.

→ Each station is allocated a band to send its data.

→ Each band is reserved for a specific station, and it belongs to the station all the time.

→ Each Station also uses a bandpass filter to Continue the transmitted frequencies.

→ To prevent station interferences, the allocated bands are Seperated from one another by Small guard bands.



TDMA { Time-division multiple access (TDMA) }

→ In TDMA, the stations share the bandwidth of the channel in time.

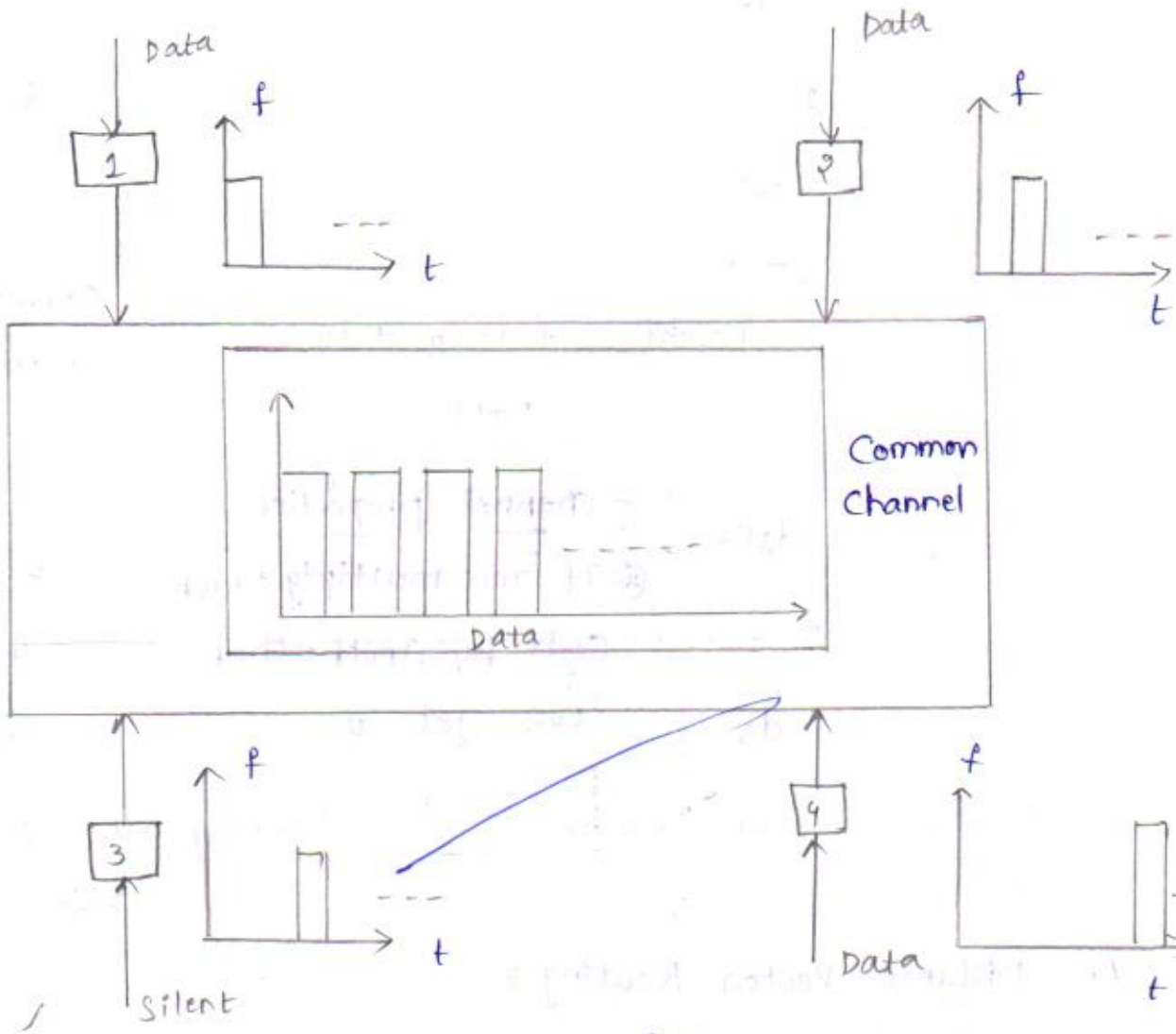
→ Each station is allocated a time slot during which it can send data.

→ Each station transmits its data in is assigned time slot.

→ The main problem with TDMA lies in achieving synchronization between the different stations.

→ Each station needs to know the beginning of its slot and the location of its slot.

→ This may be difficult because of propagation delays introduced in the system. if the stations are spread over a large area.



CDMA { code Division multiple Access }

Chips :-

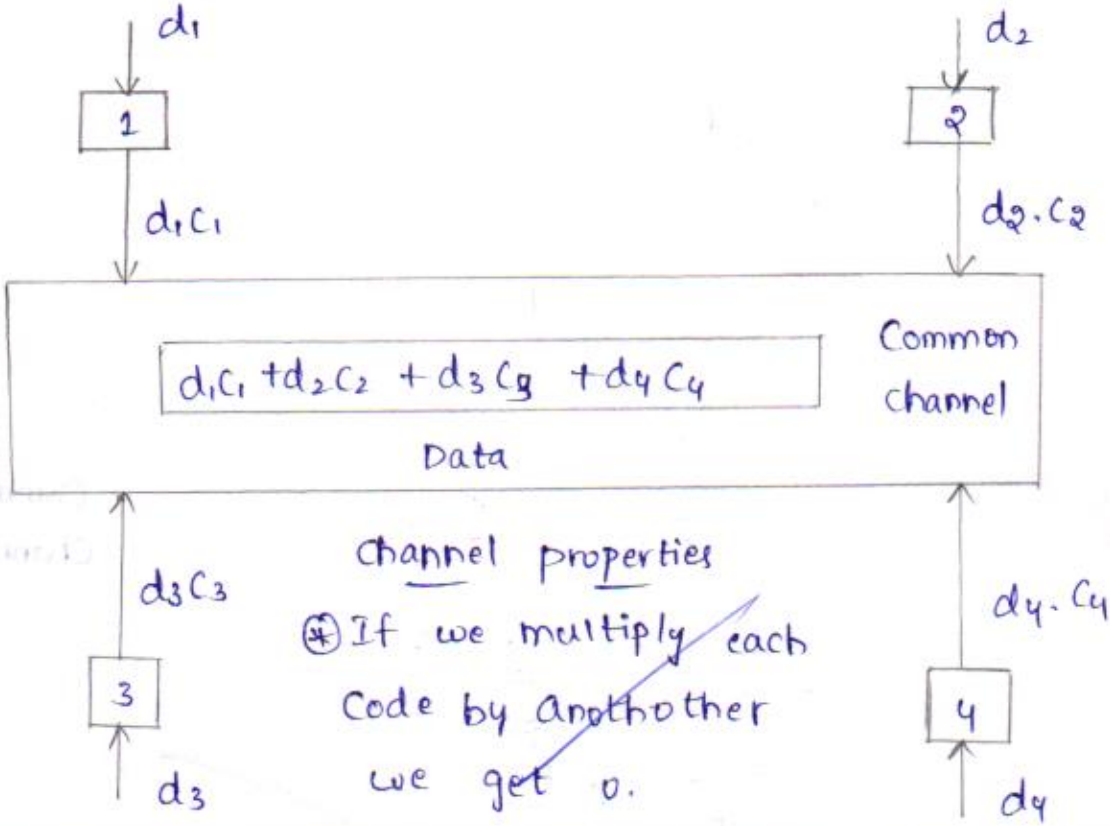
CDMA is based on coding theory

Each station is assigned a code, which is a sequence of numbers called chips.

① If we multiply each code by another we get 0.

② If we multiply each code by itself, we get the number of stations. They are called orthogonal sequences and have the following properties:

* Each sequence is made of N elements, where N is the number of stations.



③ Explain about Distance Vector Routing and path Vector Routing.

A. **Distance Vector Routing :**

→ In distance Vector routing, the least cost route between any two nodes is the route with minimum distance.

→ In this protocol, each node maintains a vector of minimum distances to every node.

→ The table at each node also guides the packets to the desired node by showing the next hop in the route.

Initialization

→ Each node known how to reach any other node and the cost.

→ At the beginning, however this is not the case

→ Each node can know only the distance between itself and its immediate neighbours those directly connected to it.

Periodic update

→ A node send its routing table, normally every 30s in a periodic update.

→ The period depends on the product that is using distance Vector routing.

Triggered update

→ A node sends its two-column routing table to its neighbors anytime there is a change in its routing table

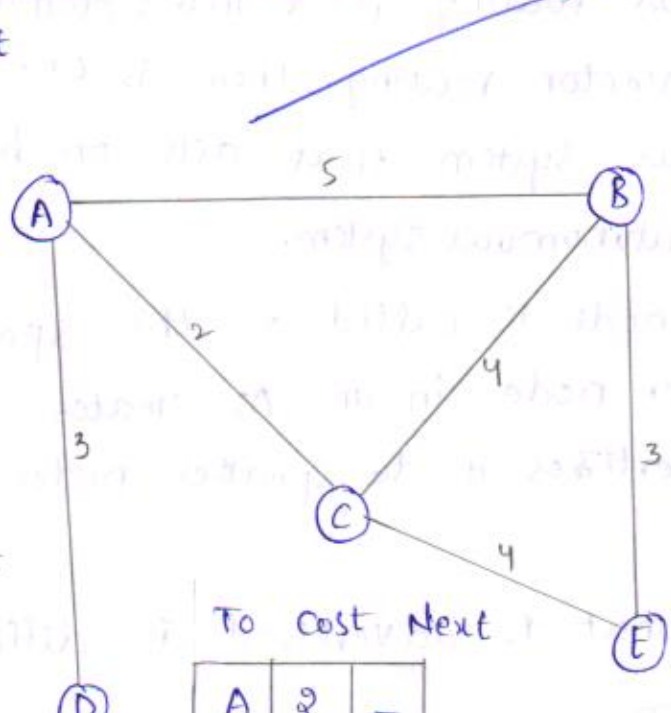
→ This is called a triggered update.

The change can result from the following

① A node receives a table from a neighbour, resulting in changes in its own table after updating.

② A node detects some failure in the neighbours links which results in a distance change to infinity.

Initialisation of tables in distance Vector routing



To cost Next

A	0	–
B	5	–
C	2	–
D	3	–
E	∞	

To cost Next

A	5	–
B	0	–
C	4	–
D	∞	
E	3	–

To cost Next

A	3	–
B	∞	
C	∞	
D	0	–
E	∞	

To cost Next

A	2	–
B	4	–
C	0	–
D	∞	
E	4	–

To cost Next

A	∞	
B	3	B
C	4	C
D	∞	
E	0	D

RIP

→ The Routing information protocol (RIP) is an intradomain routing protocol used inside an autonomous system.

→ It is a very simple protocol based on distance vector routing.

① In an autonomous system, we are dealing with routers and networks. The routers have routing tables: networks do not.

② The destination in a routing tables: networks do not which means the first column defines a network address.

③ The next-node column defines the address of the router to which the packet is to be sent to reach its destination.

Path Vector routing

→ path vector routing is a inter domain routing

→ In path vector routing, there is one node in each autonomous system that acts on behalf of the entire autonomous system.

→ That one node is called as the speaker node.

→ The speaker node in an AS creates a routing table and advertises it to speaker nodes in the neighbouring ASs.

→ However, what is advertised is diffirent.

Initialization

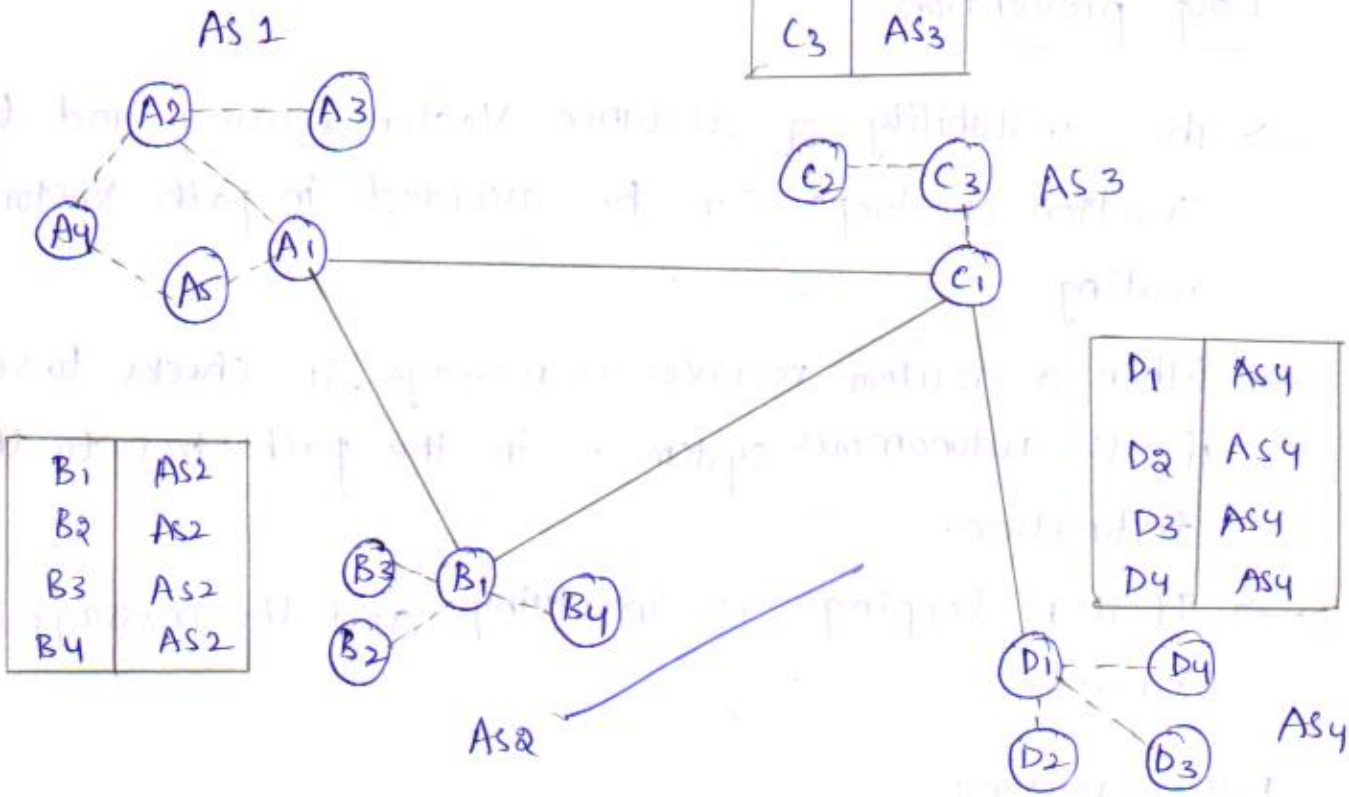
→ At the beginning each speaker node can known only the reachability of nodes inside its autonomous system.

→ figure shows the initial tables for each speaker node in a system made of four ASs Node A1 is the speaker node for AS1. B1 for AS2. C1 for AS3. and D1 for AS4.

→ Node A1 creates an initial table shows A1 to A5 are located in AS1 and can be reached through it.

A1	AS1
A2	AS1
A3	AS1
A4	AS1
A5	AS1

C_1	AS_3
C_2	AS_3
C_3	AS_3



B_1	AS2
B_2	AS2
B_3	AS2
B_4	AS2

D_1	AS4
D_2	AS4
D_3	AS4
D_4	AS4

Updating :-

→ When a speaker node receives a two-column table from a neighbour it updates its own table by adding the nodes that are not in its routing table and adding the nodes that are not in its routing table and adding its own autonomous system and the autonomous system that sent the table.

→ After a while each speaker has a table and knows how to reach each node in other ASs.

→ Figure shows the tables for each speaker node after the system is stabilized.

→ According to the figure. if receives a packet for nodes A3. It knows that the path is in AS1 but if it receives a packet for D1. it knows that the packet should go from AS1 to AS2 and then to AS3.

→ The rosting table shows the path Completely.

Loop prevention

→ The instability of distance Vector routing and the creation of loops can be avoided in path Vector routing.

→ When a router receives a message, it checks to see if its autonomous system is in the path list to the destination.

→ If it is looping is involving and the message is ignored.

Policy routing

→ Policy routing can be easily implemented through path Vector routing.

→ When a router receives a message, it can check the path.

→ It does not update its routing table with this path and it does not send this message to its neighbours.

(4) Explain HDLC protocol in detail.

A) High-level Data link Control is a bit oriented protocol for Communication over point-to-point and multipoint links. It implements the ARQ mechanisms we discussed.

Configurations and Transfer models :-

HDLC provides two Common transfer model that can be used in different configurations: normal response mode and asynchronous balanced model

In normal response mode, the station configuration is unbalanced. We have one primary station and multiple Secondary stations - A primary station can send commands; a Secondary Station can only respond. The NRM is used for both Point-to-point and multiple-point links, as shown in figure.

Asynchronous Balanced Mode :-

In asynchronous balanced mode, the Configuration is balanced. The link is point-to-point, and each station (or) function as a primary and a Secondary as shown in figure. This is the Common mode today

Frames :-

HDLC defines three types of frames : information frames Super Visory frames and unnumbered frames. Each type of frame series as an envelope for the transmission of a different type of message.

→ I frames three of frames :- Information frames data and

relating to user data.

Frame format :-

Each frame in HDLC may Contain upto six fields, as shown in figure : a beginning flag field, an address field, a control field, ending flag field.

Control field :-

The Control field is a 1- or 2 byte segment of the frame used for flow and error Control.

Information field :-

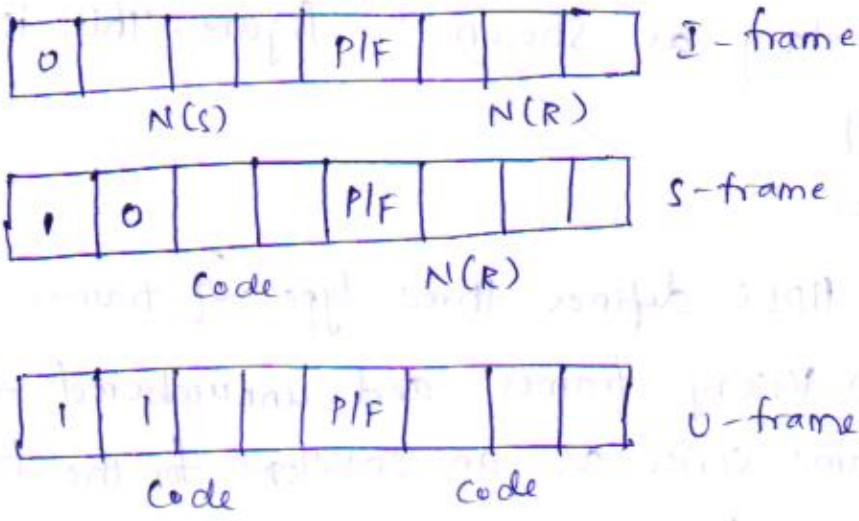
The information field Contains the users data from the network later or management information. Its length Can Vary from one network to another.

FCS field :-

The frame check sequence is the HDLC Error detection field. It can Contain either a 2 or 4 byte

Control field :-

The Control field determines the type of frame and defines its functionality.



(5) Explain about the domains and messages of the Domain Name Space.

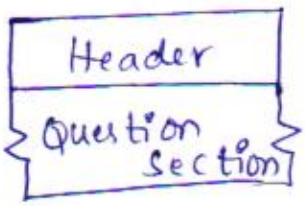
A) A domain is a subtree of a domain name space. The name of the domain is the domain name of the node at the top of the subtree.

To have a hierarchal name space, a domain name space was designed. In this designed, the names are defined in an inverted - In this design the names are root at the top. The tree have only 128 levels: level 0 to level 127. waves are the root glues the whole tree together, each level of the tree defines a hierarchal level.

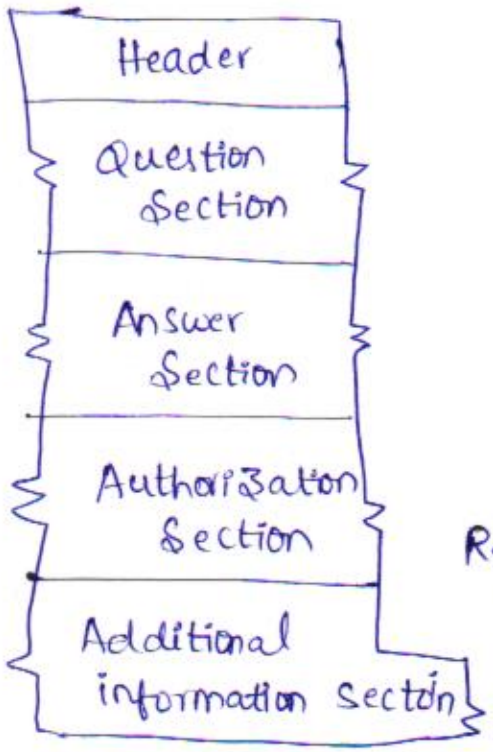
DNS Messages :-

DNS has two types of messages : query and response. Both types have the same format. The query messages consists of a header and the Question records; the response messages consists of a header, Question records, answer records, authoritve response and additional records.

Query and response messages



Query



Response

Question Section :-

This is Section Consisting of one or more Question records. It is present on both Query and response messages.

Answer Section :-

This is a Section Consisting of one or more response records. It is present only on response messages. This Section includes the answer from the Server to the Client.

Authoritative Section :-

This is a Section Consisting of one or more resource records. It is present only on response messages. This Section gives information.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CLASS & SEC:	III B.Tech. I Sem,(A) KELVIN-Section	**ACADEMIC YEAR:**	2021-2022
COURSE TITLE:	Data Communications & Networking	**COURSE CODE:**	19A04504a
FACULTY NAME:	G.MALYADRI	**CLASS STRENGTH:**	60
INSTRUCTION:	Le: 3 Tu: 1	**CREDITS:**	3

	Course Outcomes	**K.Level**
CO1	Explain about network hardware, software and reference models	K2
CO2	Explain various transmission medium , switchings used in data communication networks	K2
CO3	Analyze various Multiple Access Techniques & Wired , wireless LANs	K3
CO4	Apply routing algorithms in network layer& explain Transport layer protocols	K3
CO5	Explain the various Application layer protocols	K2

S.No	Proposed Date	Topic to be covered	Hrs. req	Ref.	CO	PO	Method of Teaching
		UNIT-I (Introduction to Computer Networks)					
1	11.10.21	Introduction	1	T1, R1,R2	1	1,2,12	1
2	12.10.21	Uses of computer Network	1	T1, T3,R2	1	1,2	1
3	18.10.21	Network Software-design Issues for layers	1	T4, R1	1	1	2
4	19.10.21	Service primitives & Relationship of services to Protocols (Tutorial)	1	T3, R1,R2	1	1	1
5	20.10.21	Reference models-OSI Model	1	T1, R1,R2,W1	1	1,2	4
6	21.10.21	TCP / IP	1	T1, R1,R2	1	1,2	2
7	23.10.21	Network architectures, Example of Networks-X.25,OSI Model	1	T4, R3,W2	1	1,2	4
8	25.10.21	OSI Model(Tutorial)	1	T1, R1,R2	1	1	2
9	26.10.21	Frame Relay	1	T1,T2, R1,R3	1	1,2	2
10	27.10.21	ATM	1	T1, T2, R1,R2	1	1,2	2
11	28.11.21	Protocols and Standards.	1	T1,T2, R1	1	1	2
		Total:	11				
		UNIT-II (Physical Layer)					
1	30.10.21	Data rate limits	1	T1, R1	2	1	1
2	01.11.21	Transmission media-guided and Unguided	1	T1, R2,W3	2	1,12	4,1
3	02.11.21	Line coding (TBS)	1	TI, T2, R3	2	1	2
4	03.11.21	Introduction to switching & Circuit switching	1	TI,T2, R2,R3	2	1,12	2
5	08.11.21	Datagram switching &Virtual Circuit Networks	1	TI, T2, R2,R3	2	1,2	2
6	09.11.21	Structure of circuit and packet switch,DSL	1	TI, T2, R2	2	1,2	1
7	10.11.21	Cable modem and DSL technologies (Tutorial)	1	TI,R1	2	1,2	1
8	11.11.21	SONET basics,IEEE 802.11,a,b,c,g	1	TI,R1	2	1	2
9	13.11.21	Selection of IEEE std 802.11, a, b, c, g (Tutorial)	1	TI,R2,R3	2	1	2
		Total:	9				
		UNIT-III (Data link layer)					
1	15.11.21	Data Link Control: Framing & Flow control protocol	1	TI,R1,R2	3	1,2,12	2
2	16.11.21	HDLC protocol	1	TI, R2	3	1	2
3	17.11.21	Point-to-Point Protocol	1	T4, R3	3	1,2	2
4	18.11.21	Introduction to Multiple Access	1	TI, R1	3	1,12	1
5	20.11.21	CSMA, CSMA/CD & CSMA/CA,RAP	1	TI,R1,R2	3	1,2	2
6	22.11.21	Random Access Protocols(Tutorial)	1	T3, R1	3	1,12	1
7	23.11.21	Controlled Access & Channelization,Eathernet bridge	1	TI, R1	3	1,2	2
8	24.11.21	Ethernet types-bridged (Tutorial)	1	T2, R3	3	1,2	2
9	25.11.21	Switched, Full duplex, Fast Ethernet & Gigabit Ethernet	1	TI, R2	3	1,2	1
10	29.11.21	Data link layer in 802.11 LAN,VLAN,Router architecture	1	T4, R1, R3	3	1,2	1
11	30.11.21	Connecting devices like passive hubs, repeaters, Active hubs, Bridges, Two-layer Switches, Routers, three layer switches, Gateway etc.,	1	T2, R1	3	1	5
12	01.12.21	Backbone networks, Virtual LANs & Simple Router architecture (Tutorial)	1	TI, R3	3	1	5
13	06.12.21	Sliding window protocol	1	T4, R2	3	1	2
		Total:	13				

S.No	Proposed Date	Topic to be covered	Hrs. req	Ref.	CO	PO	Method of Teaching
		UNIT-IV (Network Layer & Transport Layer)					
1	07.12.21	IPV4 Addresses	1	T2, R1, R2	4	1,2	2
2	08.12.21	IPV6 Addresses,RARP,DHCP	1	T1, R1,R3	4	1,2	2
3	09.12.21	Address mapping-ARP, RARP & DHCP (Tutorials)	1	T3, R1, R2	4	1,2,12	1
4	11.12.21	IPv4 datagram detail format	1	T1,R1,R2	4	1,2	2
5	13.12.21	IPv6 datagram detail format SPR,DVR	1	T2, R1, R2	4	1,2	2
6	14.12.21	ICMP & IGMP, Network layer issues like Delivery, forwarding, intra-domain and Inter-domain routing	1	T1,R1	3	1,2	5
7	15.12.21	Shortest path Routing, Distance vector routing algorithms (Tutorial)	1	T1,R1,R2	4	1,2,12	1
8	16.12.21	Link State Routing, Path vector routing & Flooding	1	T1,R1,R2	4	1,2,12	1
9	18.12.21	Leaky bucket and token bucket algorithms.(TBS)	1	T1,R1,R2	4	1,2,12	1
10	20.12.21	Addressing types-Physical, Logical & port address.	1	T2, T3, R2	4	1,2	2
11	21.12.21	Process to process delivery, Connection oriented TCP	1	T1, R1, R2	4	1,2	2
12	22.12.21	Connectionless Transport UDP,Qos	1	T1, R1, R3	4	1,2,12	1
13	23.12.21	Congestion control and QoS (Tutorial)	1	T2, T3, R2	4	1	2
		Total:	13				
		UNIT-V (Application Layer)					
1	27.12.21	Application layer protocols and applications like Ping & FTP	1	T2, R1, R3	5	1,2,12	1
2	28.12.21	Telnet	1	T1,R1,R2	5	1,2	2
3	29.12.21	HTTP	1	T1,R1,R2	5	1,2	2
4	30.12.21	SMTP	1	T1,R1,R2	5	1,2	1
5	01.01.22	SNMP	1	T1,R1,R2,W4	5	1,2	4
6	03.01.22	TFTP & BOOTP	1	T1,R1,R2	5	1,2	2
7	04.01.22	DNS, NFS & RPC ,X-server,E-mail	1	T1,R1,R2,W4	5	1,2	2
8	05.01.22	X-server & E-mail (Tutorial)	1	T1,R1,R2	5	1,2,12	1
9	06.01.22	Introduction to streaming Audio/Video,P2P	1	T1,R1,R3	5	1,2	1
10	10.01.22	P2P file sharing (Tutorial)	1	T1,R1,R4	5	1,3	2
11	11.01.22	Introduction to socket programming	1	T1,R1,R5	5	1,4	1
12	12.01.22	Revision	1				
		Total:	12				
		GRAND TOTAL:	**58**				

TEXT BOOKS:	
T1	Behrouz A. Forouzan, "Data Communications and Networking", 4th Edition, Tata McGraw Hill, 2007
T2	Andrew Tenenbaum, "Computer Networks", 4th Edition, Pearson Education.
T3	Kurose & Ross, "Computer Networking- A top down approach featuring the Internet", 3rd Edition, Pearson Education.
T4	William Stallings, "Computer Networks and Cryptography", 3rd Edition, Pearson Education
REFERENCE BOOKS:	
R1	Behrouz A. Forouzan, "TCP/IP protocol Suit", 3rd Edition, Tata McGraw Hill Publications.
R2	Stevens, "TCP/IP illustrated Volume - I & II", Pearson education..
R3	Feibel Werner, "Encyclopedia of networking", Pearson education
WEB REFERENCES:	
W1	https://youtu.be/EzLMMsRR6Js
W2	https://youtu.be/ifgs0uypC78
W3	https://youtu.be/hjVNKeVdKcs
W4	https://youtu.be/aQGeSDauRso

Method of Teaching	
1	Chalk & Talk / Demonstration
2	Power Point Presentation
3	Video Presentation
4	ICT Mode(eg:NPTEL videos)
5	Tutorial / Seminar
6	Collaborative learning activities
	· Think-pair-share,
	· Problem-based learning
	· Group Discussion
	· Four Corners collaborative learning
	· Inside-outside circle
	· Quiz, etc.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

BRANCH : II ECE **INTERNAL MARKS** **ACD YEAR - 2021-22 I - SEM**

HallTicket Number	Complex variables and Transforms	Signals & Systems	Electrical Engineering	Analog Circuits	Managerial Economics & Financial Analysis	Simulation Lab	Electrical Engineering Lab	Analog Engineering Lab	Application Development with Python	Universal Human Values	NSS / NCC / NSO Activities
19731A0480	26	24	24	17	22	28	26	27	30	27	30
19731A04H6	10	12	12	8	12	12	12	12	15	15	30
20731A0401	30	30	30	28	29	28	30	29	30	27	30
20731A0402	18	26	23	21	28	25	26	28	27	27	30
20731A0403	23	17	20	18	25	28	26	27	27	24	30
20731A0404	28	29	27	26	24	28	25	28	29	25	30
20731A0405	20	23	17	21	20	18	21	28	27	24	30
20731A0406	29	29	27	25	28	28	29	30	30	26	30
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20731A0434	30	30	29	26	29	26	30	29	30	29	30
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HallTicket Number	Complex variables and Transforms	Signals & Systems	Electrical Engineering	Analog Circuits	Managerial Economics & Financial Analysis	Simulation Lab	Electrical Engineering Lab	Analog Engineering Lab	Application Development with Python	Universal Human Values	NSS / NCC / NSO Activities
20731A0438	30	30	28	27	28	28	27	29	27	28	30
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20731A0474	24	29	22	22	23	28	29	27	27	20	30
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HallTicket Number	Complex variables and Transforms	Signals & Systems	Electrical Engineering	Analog Circuits	Managerial Economics & Financial Analysis	Simulation Lab	Electrical Engineering Lab	Analog Engineering Lab	Application Development with Python	Universal Human Values	NSS / NCC / NSO Activities
20731A0481	22	28	21	18	21	27	30	27	30	27	30
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20731A04B6	27	28	24	23	23	28	28	26	30	24	30
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HallTicket Number	Complex variables and Transforms	Signals & Systems	Electrical Engineering	Analog Circuits	Managerial Economics & Financial Analysis	Simulation Lab	Electrical Engineering Lab	Analog Engineering Lab	Application Development with Python	Universal Human Values	NSS / NCC / NSO Activities
20731A04C5	11	15	21	20	16	23	21	23	30	23	30
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20731A04D1	16	16	18	10	16	26	26	25	30	20	30
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20731A04D3	29	27	24	23	17	27	26	29	30	29	30
20731A04D4	17	22	18	19	20	22	23	29	30	29	30
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20731A04D7	17	20	20	19	15	15	20	24	27	24	30
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20731A04E6	19	26	22	23	21	28	27	25	30	25	30
20731A04E7	16	24	16	22	22	28	28	29	30	25	30
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HallTicket Number	Complex variables and Transforms	Signals & Systems	Electrical Engineering	Analog Circuits	Managerial Economics & Financial Analysis	Simulation Lab	Electrical Engineering Lab	Analog Engineering Lab	Application Development with Python	Universal Human Values	NSS / NCC / NSO Activities
20731A04G8	15	15	13	15	17	12	15	12	30	21	30
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20731A04H6	20	20	22	18	18	23	24	23	25	24	30
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20731A04I4	22	25	25	25	27	24	28	26	30	27	30
20731A04I5	30	30	29	29	28	26	29	26	27	29	30
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21735A0419	16	21	18	19	17	27	27	27	30	26	30
21735A0420	12	16	15	17	16	28	21	27	30	20	30

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KAVALI – 524201, S.P.S.R Nellore Dist., A.P. India. Ph: 08626-243930

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

BRANCH : III ECE

INTERNAL MARKS

ACD YEAR - 2021-22 I - SEM

HallTicket Number	19A04501T Integrated Circuits and Applications	19A04502 Antennas and Wave Propagation	19A52601T English Language Skills	19A04503T Digital Communications	19A04504a Data Communications and Networks	19A05506b Computer Graphics and Multimedia Animation	19A04501P Integrated Circuits and Applications Lab	19A52601P English Language Skills Lab	19A04503P Digital Communications Lab	19A04507 Socially Relevant Project	19A99601 MC:Research Methodology
19731A0401	25	24	28	28	29	29	30	27	29	47	23
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19731A0403	30	30	28	30	30	30	29	30	30	49	24
19731A0404	21	28	28	22	26	23	25	30	26	45	24
19731A0405	21	24	28	22	29	28	28	27	27	46	25
19731A0406	27	26	28	28	29	29	26	30	27	45	25
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19731A0414	29	26	29	28	29	29	30	26	28	44	24
19731A0415	17	20	27	17	19	25	21	18	20	37	23
19731A0416	20	20	24	17	19	22	18	26	20	42	19
19731A0417	21	20	25	23	26	23	26	26	25	43	17

HallTicket Number	19A04501T Integrated Circuits and Applications	19A04502 Antennas and Wave Propagation	19A52601T English Language Skills	19A04503T Digital Communications	19A04504a Data Communications and Networks	19A05506b Computer Graphics and Multimedia Animation	19A04501P Integrated Circuits and Applications Lab	19A52601P English Language Skills Lab	19A04503P Digital Communications Lab	19A04507 Socially Relevant Project	19A99601 MC:Research Methodology
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19731A0434	21	25	29	22	29	28	23	26	26	45	24
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19731A0437	25	25	29	29	30	30	26	30	29	43	25
19731A0438	23	23	24	25	23	23	23	18	26	44	23
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19731A0440	25	28	29	28	30	29	29	30	30	47	25

HallTicket Number	19A04501T Integrated Circuits and Applications	19A04502 Antennas and Wave Propagation	19A52601T English Language Skills	19A04503T Digital Communications	19A04504a Data Communications and Networks	19A05506b Computer Graphics and Multimedia Animation	19A04501P Integrated Circuits and Applications Lab	19A52601P English Language Skills Lab	19A04503P Digital Communications Lab	19A04507 Socially Relevant Project	19A99601 MC:Research Methodology
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19731A0443	21	24	28	22	25	26	24	27	27	43	22
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19731A0453	26	27	29	27	30	27	25	30	28	47	20
19731A0454	28	29	29	30	30	28	30	30	29	49	25
19731A0455	26	25	27	25	25	23	27	30	29	46	20
19731A0456	22	24	29	24	25	23	26	27	26	43	22
19731A0457	26	25	27	29	29	28	28	27	26	46	26
19731A0458	27	26	25	28	29	26	25	30	26	45	16
19731A0459	27	26	29	29	30	30	29	30	29	47	22
19731A0460	27	25	28	27	30	29	29	30	28	46	26
19731A0461	28	25	29	29	30	30	28	27	28	47	23
19731A0462	27	29	28	29	27	28	27	27	29	46	25

HallTicket Number	19A04501T Integrated Circuits and Applications	19A04502 Antennas and Wave Propagation	19A52601T English Language Skills	19A04503T Digital Communications	19A04504a Data Communications and Networks	19A05506b Computer Graphics and Multimedia Animation	19A04501P Integrated Circuits and Applications Lab	19A52601P English Language Skills Lab	19A04503P Digital Communications Lab	19A04507 Socially Relevant Project	19A99601 MC:Research Methodology
19731A0463	29	30	28	29	29	29	29	27	30	47	26
19731A0465	28	28	28	27	27	26	28	30	29	48	20
19731A0466	29	29	29	30	28	30	28	30	28	47	24
19731A0468	29	30	29	30	29	30	30	30	30	49	25
19731A0469	22	26	28	24	27	27	27	30	29	45	22
19731A0470	29	28	29	26	29	29	30	30	30	45	24
19731A0471	24	24	27	25	28	26	24	28	28	44	18
19731A0472	26	30	29	29	28	29	30	30	30	46	19
19731A0473	24	25	27	25	26	26	20	30	29	45	19
19731A0474	26	25	28	26	29	27	26	30	30	44	20
19731A0475	28	30	26	27	28	26	29	30	28	47	17
19731A0476	29	30	29	30	29	30	28	30	29	49	26
19731A0477	29	30	28	29	28	29	27	30	30	46	24
19731A0478	17	21	24	22	27	23	28	30	25	40	18
19731A0479	22	28	28	25	28	26	28	27	28	44	20
19731A0481	22	28	28	24	25	26	25	30	26	40	19
19731A0482	30	30	29	30	29	28	26	30	29	47	25
19731A0483	26	23	27	25	27	24	26	30	29	43	22
19731A0484	22	28	28	28	28	25	26	30	28	44	22
19731A0485	22	29	27	25	27	26	27	30	29	45	26
19731A0486	25	29	26	25	28	27	29	30	27	46	26
19731A0488	21	26	26	27	28	26	27	30	28	44	22

HallTicket Number	19A04501T Integrated Circuits and Applications	19A04502 Antennas and Wave Propagation	19A52601T English Language Skills	19A04503T Digital Communications	19A04504a Data Communications and Networks	19A05506b Computer Graphics and Multimedia Animation	19A04501P Integrated Circuits and Applications Lab	19A52601P English Language Skills Lab	19A04503P Digital Communications Lab	19A04507 Socially Relevant Project	19A99601 MC:Research Methodology
19731A0489	16	23	20	20	21	17	18	22	23	41	20
19731A0490	24	23	25	22	27	26	25	30	24	45	25
19731A0491	26	27	25	27	27	25	26	24	27	43	27
19731A0492	29	29	29	30	27	29	25	30	29	46	25
19731A0493	19	21	23	21	25	25	26	30	26	40	26
19731A0494	17	26	19	21	26	26	17	26	12	38	26
19731A0495	29	28	29	24	26	25	27	30	29	45	20
19731A0496	25	22	28	27	28	27	23	30	29	44	21
19731A0497	18	23	26	21	28	24	23	26	20	38	26
19731A0498	21	26	29	23	25	26	24	26	28	40	26
19731A0499	23	28	26	27	27	27	30	30	30	45	26
19731A04A0	21	26	26	26	26	25	24	30	21	38	24
19731A04A1	18	25	24	23	25	24	23	30	25	42	25
19731A04A2	27	28	26	28	26	26	26	30	26	46	26
19731A04A3	27	30	26	30	27	29	24	27	27	47	25
19731A04A4	20	27	24	22	26	25	27	27	28	44	26
19731A04A5	16	8	17	14	19	22	25	27	26	40	22
19731A04A6	20	21	23	17	24	27	20	27	28	37	25
19731A04A7	18	22	26	22	23	23	23	27	27	38	20
19731A04A8	28	27	24	28	26	23	24	27	25	44	22
19731A04A9	27	23	23	26	27	22	24	27	26	38	24
19731A04B0	27	28	29	28	27	29	29	27	27	46	20

HallTicket Number	19A04501T Integrated Circuits and Applications	19A04502 Antennas and Wave Propagation	19A52601T English Language Skills	19A04503T Digital Communications	19A04504a Data Communications and Networks	19A05506b Computer Graphics and Multimedia Animation	19A04501P Integrated Circuits and Applications Lab	19A52601P English Language Skills Lab	19A04503P Digital Communications Lab	19A04507 Socially Relevant Project	19A99601 MC:Research Methodology
19731A04B1	8	16	21	15	20	10	15	23	21	38	15
19731A04B2	21	24	22	22	27	21	27	27	26	42	23
19731A04B3	23	28	28	27	29	29	26	27	28	45	26
19731A04B4	24	27	26	25	27	28	27	27	30	46	25
19731A04B5	19	28	26	27	28	26	25	24	28	45	26
19731A04B7	19	21	24	20	22	26	24	26	24	40	23
19731A04B8	24	27	27	23	26	26	25	26	28	41	23
19731A04B9	29	29	29	30	28	28	29	26	26	46	24
19731A04C0	19	23	27	18	24	26	22	27	28	40	23
19731A04C1	30	30	27	30	29	28	29	27	28	47	26
19731A04C2	28	26	27	28	28	25	26	27	27	46	24
19731A04C3	26	23	28	25	24	23	24	27	26	42	26
19731A04C4	27	26	26	28	28	28	28	27	28	45	26
19731A04C5	30	30	29	28	28	29	25	27	28	49	25
19731A04C6	19	24	22	23	28	26	26	26	24	45	23
19731A04C7	28	25	25	30	27	28	29	30	24	46	18
19731A04C8	28	27	26	26	28	26	25	30	25	47	19
19731A04C9	26	28	27	26	27	28	29	30	27	48	20
19731A04D0	22	28	26	27	24	28	27	25	25	45	17
19731A04D1	26	29	27	28	28	29	26	25	28	47	19
19731A04D2	17	17	27	23	25	23	17	30	17	40	20
19731A04D3	19	27	29	22	24	25	23	30	23	43	20

HallTicket Number	19A04501T Integrated Circuits and Applications	19A04502 Antennas and Wave Propagation	19A52601T English Language Skills	19A04503T Digital Communications	19A04504a Data Communications and Networks	19A05506b Computer Graphics and Multimedia Animation	19A04501P Integrated Circuits and Applications Lab	19A52601P English Language Skills Lab	19A04503P Digital Communications Lab	19A04507 Socially Relevant Project	19A99601 MC:Research Methodology
19731A04D4	19	27	27	23	26	25	18	25	25	43	18
19731A04D5	25	26	27	26	28	28	27	30	26	45	19
19731A04D6	23	28	26	27	26	27	23	25	27	46	22
19731A04D7	25	17	24	25	26	25	24	30	23	43	21
19731A04D8	20	20	25	19	21	20	25	26	29	41	17
19731A04D9	26	25	25	22	26	19	29	30	24	42	20
19731A04E0	27	29	27	28	26	28	25	25	29	45	25
19731A04E1	27	28	26	26	26	27	28	30	28	46	25
19731A04E2	22	26	23	26	27	25	29	30	26	43	26
19731A04E3	21	25	24	18	24	20	24	30	28	42	22
19731A04E4	20	22	22	21	27	21	24	30	27	43	16
19731A04E6	22	23	24	22	24	19	18	25	24	42	16
19731A04E7	24	25	26	23	27	22	27	28	28	45	18
19731A04E8	19	28	24	23	24	22	21	30	26	43	20
19731A04E9	20	21	23	25	26	21	22	30	24	44	20
19731A04F0	15	25	24	16	22	16	23	30	24	43	18
19731A04F1	17	23	25	19	21	15	21	25	27	42	17
19731A04F2	19	25	27	28	28	24	24	30	27	44	24
19731A04F3	13	19	20	15	21	16	15	25	15	37	16
19731A04F4	26	25	24	22	26	27	22	24	27	43	27
19731A04F5	19	22	21	21	25	19	22	30	26	42	16
19731A04F6	17	18	21	18	21	15	25	24	23	37	17

HallTicket Number	19A04501T Integrated Circuits and Applications	19A04502 Antennas and Wave Propagation	19A52601T English Language Skills	19A04503T Digital Communications	19A04504a Data Communications and Networks	19A05506b Computer Graphics and Multimedia Animation	19A04501P Integrated Circuits and Applications Lab	19A52601P English Language Skills Lab	19A04503P Digital Communications Lab	19A04507 Socially Relevant Project	19A99601 MC:Research Methodology
19731A04F7	21	19	22	18	25	19	22	25	24	43	20
19731A04F8	27	30	27	21	27	24	27	30	27	47	26
19731A04F9	21	24	24	21	26	21	25	25	21	43	21
19731A04G0	16	19	22	19	22	19	22	25	20	40	18
19731A04G1	24	23	25	22	27	22	29	30	28	43	17
19731A04G2	20	22	28	23	24	22	20	30	25	44	18
19731A04G4	10	15	20	17	21	15	21	25	24	38	17
19731A04G5	22	26	29	23	27	20	25	29	27	44	19
19731A04G6	18	26	24	24	27	21	24	26	22	45	25
19731A04G7	20	28	23	27	26	22	23	30	24	46	18
19731A04G8	20	26	25	29	27	23	23	30	23	45	26
19731A04H0	18	20	24	18	21	21	24	26	23	44	18
19731A04H1	3	13	14	17	13	11	15	23	14	38	15
19731A04H2	9	12	15	16	14	17	15	15	15	35	18
19731A04H3	18	17	25	23	23	19	22	26	22	40	18
19731A04H4	17	18	21	15	24	16	25	26	19	40	24
19731A04H5	24	20	23	25	27	20	28	26	29	42	18
19731A04H7	22	22	25	24	27	21	24	30	30	44	25
19731A04H8	26	30	29	29	27	28	25	30	28	46	22
19731A04H9	21	25	26	23	26	22	26	30	30	45	21
19731A04I0	19	19	24	25	26	22	26	25	27	44	20
19731A04I1	26	29	26	29	28	25	28	30	28	44	24

HallTicket Number	19A04501T Integrated Circuits and Applications	19A04502 Antennas and Wave Propagation	19A52601T English Language Skills	19A04503T Digital Communications	19A04504a Data Communications and Networks	19A05506b Computer Graphics and Multimedia Animation	19A04501P Integrated Circuits and Applications Lab	19A52601P English Language Skills Lab	19A04503P Digital Communications Lab	19A04507 Socially Relevant Project	19A99601 MC:Research Methodology
19731A04I2	19	15	24	20	21	20	22	26	20	42	18
19731A04I3	23	22	25	27	23	19	22	30	27	43	18
19731A04I4	21	19	24	25	25	24	26	30	24	44	18
19731A04I5	23	21	24	26	25	20	29	30	29	45	22
19731A04I6	19	25	23	27	27	24	26	26	23	45	19
19731A04I7	21	19	24	24	20	19	19	30	26	42	23
19731A04I8	22	22	23	28	26	19	22	30	26	45	17
19731A04I9	21	24	30	25	26	22	26	28	25	45	24
19731A04J0	19	22	29	21	21	21	21	27	24	43	24
19731A04J1	20	20	30	23	22	20	27	28	27	44	20
19731A04J2	17	22	30	19	24	22	26	29	28	44	24
19731A04J3	18	18	25	21	22	18	20	29	21	43	23
19731A04J4	25	27	30	24	26	28	26	29	26	46	23
19731A04J5	23	21	30	25	30	28	25	28	27	44	22
19731A04J6	23	22	23	25	28	23	24	28	28	42	19
19731A04J7	24	22	28	24	28	26	23	26	27	45	20
19731A04J8	14	18	20	17	22	16	20	28	24	38	18
19731A04K0	24	18	28	20	27	24	24	29	26	46	23
19731A04K1	17	18	28	22	20	21	18	20	22	44	15
19731A04K2	26	25	30	26	28	27	27	28	26	45	21
19731A04K3	28	23	30	26	29	29	30	28	26	47	24
19731A04K5	27	26	30	24	29	28	28	29	29	46	20

HallTicket Number	19A04501T Integrated Circuits and Applications	19A04502 Antennas and Wave Propagation	19A52601T English Language Skills	19A04503T Digital Communications	19A04504a Data Communications and Networks	19A05506b Computer Graphics and Multimedia Animation	19A04501P Integrated Circuits and Applications Lab	19A52601P English Language Skills Lab	19A04503P Digital Communications Lab	19A04507 Socially Relevant Project	19A99601 MC:Research Methodology
19731A04K6	20	18	26	18	18	20	18	23	18	43	19
19731A04K7	24	23	29	26	29	27	28	28	25	47	20
19731A04K8	28	27	30	30	30	30	30	29	29	48	25
19731A04K9	16	16	20	14	18	16	21	29	23	42	17
19731A04L0	27	23	30	26	28	25	25	28	24	45	17
19731A04L1	23	23	29	23	26	27	23	25	24	41	19
19731A04L4	25	26	30	28	29	27	24	29	26	48	20
19731A04L6	26	24	27	26	28	26	25	29	26	46	16
19731A04L7	23	23	28	23	25	22	22	28	23	45	15
19731A04L8	21	24	28	22	24	21	24	28	26	45	17
19731A04M0	26	25	30	27	29	27	24	28	22	46	21
19731A04M1	18	24	28	18	21	21	23	28	25	42	16
19731A04M2	15	21	24	14	16	20	18	20	19	40	17
19731A04M3	20	24	27	18	24	22	26	28	27	44	17
19731A04M4	23	27	29	24	30	28	28	29	28	47	20
19731A04M5	28	25	29	26	29	27	27	29	28	46	18
19731A04M7	24	20	30	25	30	29	26	29	28	46	18
19731A04M8	15	22	28	25	28	24	21	28	27	45	17
19731A04N1	17	17	29	20	22	18	20	28	25	42	15
19731A04N2	21	22	28	23	26	26	24	29	26	44	16
19731A04N3	30	29	30	30	30	28	28	29	30	48	20
19731A04N4	15	18	22	13	21	18	18	28	19	38	19

HallTicket Number	19A04501T Integrated Circuits and Applications	19A04502 Antennas and Wave Propagation	19A52601T English Language Skills	19A04503T Digital Communications	19A04504a Data Communications and Networks	19A05506b Computer Graphics and Multimedia Animation	19A04501P Integrated Circuits and Applications Lab	19A52601P English Language Skills Lab	19A04503P Digital Communications Lab	19A04507 Socially Relevant Project	19A99601 MC:Research Methodology
19731A04N6	25	24	30	25	26	27	26	27	25	43	18
20735A0401	19	19	24	21	22	22	27	28	26	42	18
20735A0402	25	24	29	24	29	26	29	29	30	46	25
20735A0403	29	27	30	27	30	29	27	29	24	47	17
20735A0404	28	29	29	29	30	27	29	29	26	46	17
20735A0405	21	19	30	22	22	15	24	29	16	42	18
20735A0406	24	25	30	27	30	23	26	29	26	45	18
20735A0407	18	21	20	22	21	15	18	20	18	38	18
20735A0408	23	24	24	23	23	23	21	22	21	43	18
20735A0409	25	27	29	24	30	26	28	28	28	47	15
20735A0410	28	28	29	25	29	27	26	28	25	48	15
20735A0411	27	27	29	27	30	27	30	27	29	48	19
20735A0412	27	26	30	25	30	23	28	28	27	47	17
20735A0413	30	28	30	26	30	30	30	29	28	48	23
20735A0414	28	23	30	29	29	28	28	28	27	46	18
20735A0415	25	24	25	24	30	26	26	25	26	45	19
20735A0416	22	22	30	25	28	23	24	27	25	45	15
19L41A0405	23	26	30	26	29	26	29	29	28	47	20
19L41A0409	25	25	30	28	28	28	29	29	28	46	17
19L41A0422	23	25	30	24	26	25	29	29	28	47	18

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KAVALI – 524201, S.P.S.R Nellore Dist., A.P. India. Ph: 08626-243930

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

BRANCH : IV ECE **INTERNAL MARKS** **ACD YEAR - 2021-22 I - SEM**

HallTicket Number	15A04701 OPTICAL FIBER COMMUNICATION	15A04702 EMBEDDED SYSTEMS	15A04703 MICROWAVE ENGINEERING	15A04704 DATA COMMUNICATIONS AND NETWORKING	15A04705 RADAR SYSTEMS	15A04708 DIGITAL IMAGE PROCESSING	15A04711 MICROWAVE AND OPTICAL COMMUNICATION LAB	15A04712 VLSI & EMBEDDED SYSTEMS LAB
17731A04G1	15	12	20	15	19	25	24	23
17731A04L0	17	25	24	27	28	28	25	25
17731A04L6	22	22	23	25	29	28	26	23
17731A04M5	8	9	16	15	16	24	25	23
18731A0401	27	26	25	23	23	29	27	23
18731A0403	30	30	30	28	30	30	29	30
18731A0404	30	28	28	30	30	28	29	27
18731A0405	26	30	27	26	24	29	28	25
18731A0408	30	30	27	29	29	29	28	25
18731A0409	27	27	25	24	22	27	25	23
18731A0410	29	29	24	27	26	27	28	30
18731A0411	30	26	28	29	30	30	29	30
18731A0412	29	29	28	27	30	30	27	30
18731A0413	30	30	30	30	30	30	30	27
18731A0414	30	30	28	30	30	30	29	28
18731A0415	30	30	26	30	29	29	29	30
18731A0416	30	28	26	28	29	29	29	30
18731A0417	30	30	27	28	30	29	30	30
18731A0418	26	27	20	22	25	28	27	23
18731A0419	28	30	27	30	30	30	30	27
18731A0420	30	30	26	29	28	30	27	23
18731A0421	29	28	28	28	27	29	27	30
18731A0422	29	24	22	24	26	29	28	30
18731A0423	30	30	28	30	28	29	29	25
18731A0424	24	24	24	25	26	29	27	25
18731A0425	28	27	28	24	29	27	28	30
18731A0426	27	27	28	28	30	28	30	30
18731A0427	26	21	18	24	20	24	27	25
18731A0428	27	27	25	30	28	28	29	30
18731A0429	25	21	19	24	21	26	26	30
18731A0430	27	25	20	25	24	28	27	30

HallTicket Number	15A04701 OPTICAL FIBER COMMUNICATION	15A04702 EMBEDDED SYSTEMS	15A04703 MICROWAVE ENGINEERING	15A04704 DATA COMMUNICATIONS AND NETWORKING	15A04705 RADAR SYSTEMS	15A04708 DIGITAL IMAGE PROCESSING	15A04711 MICROWAVE AND OPTICAL COMMUNICATION LAB	15A04712 VLSI & EMBEDDED SYSTEMS LAB
18731A0431	27	27	24	22	22	21	27	30
18731A0432	26	21	25	24	20	29	26	27
18731A0433	30	30	28	30	29	30	29	23
18731A0434	26	19	24	27	24	27	28	27
18731A0435	22	22	20	19	22	26	28	30
18731A0436	29	26	25	29	27	28	29	30
18731A0437	30	29	23	29	29	28	30	30
18731A0438	30	30	27	29	30	29	28	30
18731A0439	24	24	23	30	26	28	27	30
18731A0440	30	30	29	30	30	29	29	30
18731A0442	29	29	27	28	29	27	30	27
18731A0443	23	25	21	26	21	18	27	27
18731A0444	30	27	28	29	27	30	28	30
18731A0445	30	28	27	30	29	30	29	27
18731A0446	30	28	28	29	28	30	30	30
18731A0447	20	22	20	27	22	24	25	30
18731A0448	26	24	25	26	25	28	27	27
18731A0449	30	27	28	30	27	30	29	30
18731A0450	28	29	28	29	29	29	28	30
18731A0451	28	24	24	29	25	30	28	25
18731A0453	28	24	25	28	26	29	28	27
18731A0454	30	29	29	28	28	28	29	30
18731A0455	28	29	30	28	30	29	30	30
18731A0456	30	29	29	30	30	29	27	30
18731A0457	25	26	26	27	25	28	28	30
18731A0458	30	29	27	29	28	30	30	30
18731A0459	30	28	28	28	29	28	30	30
18731A0460	30	30	27	29	26	28	29	30
18731A0461	29	29	27	25	26	28	27	27
18731A0462	30	30	29	28	28	29	29	27
18731A0463	30	28	25	29	29	29	28	25
18731A0464	30	29	28	30	25	29	30	30
18731A0465	28	25	24	24	23	28	25	27
18731A0466	29	26	28	28	28	29	28	27
18731A0467	24	24	18	24	20	25	28	27
18731A0468	30	24	26	28	23	27	29	30

HallTicket Number	15A04701 OPTICAL FIBER COMMUNICATION	15A04702 EMBEDDED SYSTEMS	15A04703 MICROWAVE ENGINEERING	15A04704 DATA COMMUNICATIONS AND NETWORKING	15A04705 RADAR SYSTEMS	15A04708 DIGITAL IMAGE PROCESSING	15A04711 MICROWAVE AND OPTICAL COMMUNICATION LAB	15A04712 VLSI & EMBEDDED SYSTEMS LAB
18731A0469	30	29	28	28	30	29	30	30
18731A0470	30	30	28	30	30	28	28	27
18731A0471	29	24	20	28	27	27	26	27
18731A0472	30	28	26	30	26	29	28	30
18731A0473	30	26	25	30	25	28	30	30
18731A0474	26	26	22	25	25	27	30	30
18731A0475	22	21	19	24	23	26	29	27
18731A0476	29	30	23	27	28	28	30	30
18731A0477	30	30	27	28	30	30	30	30
18731A0478	30	28	28	28	29	29	30	30
18731A0479	30	30	29	30	29	30	30	30
18731A0480	27	25	15	23	25	26	30	30
18731A0481	21	29	24	26	24	27	29	30
18731A0482	29	30	27	26	30	30	30	27
18731A0483	17	28	24	23	27	27	30	30
18731A0484	26	29	30	29	30	30	29	30
18731A0485	30	28	29	29	29	30	30	30
18731A0486	28	30	29	30	30	30	30	30
18731A0487	28	29	28	27	30	30	30	30
18731A0488	30	29	27	30	30	29	30	27
18731A0489	30	30	30	29	30	30	30	30
18731A0490	30	30	30	30	29	30	30	30
18731A0492	26	27	23	24	24	26	30	30
18731A0493	30	27	26	27	28	27	30	30
18731A0494	29	29	28	29	29	29	30	27
18731A0495	30	30	29	29	30	30	30	30
18731A0496	29	26	28	28	28	29	30	30
18731A0497	28	25	21	25	26	25	29	27
18731A0498	30	28	28	30	30	30	29	30
18731A0499	26	30	23	24	26	22	30	30
18731A04A0	30	29	27	30	29	30	30	30
18731A04A1	29	24	25	26	28	28	29	30
18731A04A2	29	29	30	29	30	30	29	30
18731A04A3	30	27	29	29	29	28	30	30
18731A04A4	19	18	21	17	22	24	29	30
18731A04A5	30	26	26	29	28	29	30	30

HallTicket Number	15A04701 OPTICAL FIBER COMMUNICATION	15A04702 EMBEDDED SYSTEMS	15A04703 MICROWAVE ENGINEERING	15A04704 DATA COMMUNICATIONS AND NETWORKING	15A04705 RADAR SYSTEMS	15A04708 DIGITAL IMAGE PROCESSING	15A04711 MICROWAVE AND OPTICAL COMMUNICATION LAB	15A04712 VLSI & EMBEDDED SYSTEMS LAB
18731A04A6	24	22	22	27	25	27	30	30
18731A04A7	18	20	20	22	18	18	28	30
18731A04A8	20	21	18	23	21	21	27	30
18731A04B0	26	24	24	27	25	25	28	30
18731A04B2	28	29	26	28	30	30	30	30
18731A04B3	28	23	24	26	29	26	30	30
18731A04B4	18	15	19	25	28	26	27	30
18731A04B5	19	19	18	21	24	20	15	20
18731A04B6	22	25	26	28	30	28	30	30
18731A04B7	27	24	25	27	22	22	30	30
18731A04B8	20	22	21	23	23	28	27	27
18731A04B9	18	24	19	23	23	27	28	30
18731A04C0	16	21	24	24	22	27	27	30
18731A04C1	29	29	28	30	30	29	30	30
18731A04C2	18	18	17	16	22	21	27	27
18731A04C4	18	20	17	18	20	20	29	27
18731A04C5	29	29	25	27	30	30	30	30
18731A04C6	16	22	16	21	22	21	26	25
18731A04C7	22	22	21	21	20	25	30	30
18731A04C8	20	16	15	18	19	22	22	27
18731A04C9	29	26	24	26	28	26	30	30
18731A04D0	24	21	17	23	19	29	30	30
18731A04D1	25	25	25	28	27	30	28	30
18731A04D2	25	23	26	27	25	28	30	30
18731A04D3	22	21	18	22	24	29	29	30
18731A04D4	24	22	24	23	27	25	30	30
18731A04D6	23	22	22	23	26	26	30	30
18731A04D7	24	22	24	26	29	28	30	27
18731A04D8	21	18	19	19	22	21	30	30
18731A04D9	16	15	18	15	18	16	24	30
18731A04E0	20	20	21	22	25	22	28	27
18731A04E1	24	22	26	23	26	28	29	27
18731A04E3	23	11	23	15	22	25	29	27
18731A04E5	15	15	16	17	18	22	21	20
18731A04E6	27	21	22	25	29	27	27	30
18731A04E7	30	30	29	30	30	30	30	30

HallTicket Number	15A04701 OPTICAL FIBER COMMUNICATION	15A04702 EMBEDDED SYSTEMS	15A04703 MICROWAVE ENGINEERING	15A04704 DATA COMMUNICATIONS AND NETWORKING	15A04705 RADAR SYSTEMS	15A04708 DIGITAL IMAGE PROCESSING	15A04711 MICROWAVE AND OPTICAL COMMUNICATION LAB	15A04712 VLSI & EMBEDDED SYSTEMS LAB
18731A04E8	26	26	28	26	28	29	30	30
18731A04E9	16	18	20	16	21	20	26	27
18731A04F0	17	17	22	19	26	25	28	30
18731A04F1	19	17	21	17	21	23	24	27
18731A04F2	26	25	25	24	25	26	26	30
18731A04F3	24	23	21	17	25	22	26	30
18731A04F4	16	17	21	20	20	23	26	30
18731A04F5	11	19	17	15	18	23	27	30
18731A04F6	9	11	18	13	15	14	21	20
18731A04F7	20	18	20	23	26	23	26	30
18731A04F8	19	17	21	18	24	23	22	30
18731A04F9	30	27	26	26	28	27	28	30
18731A04G0	22	22	24	23	24	25	25	30
18731A04G1	22	23	22	20	20	26	27	30
18731A04G2	23	17	17	18	19	17	25	30
18731A04G3	20	19	26	24	28	25	27	30
18731A04G4	17	24	20	18	22	20	22	22
18731A04G5	18	19	19	16	20	15	24	30
18731A04G6	18	16	18	16	15	19	19	25
18731A04G7	20	21	20	19	21	21	29	30
18731A04G8	19	17	17	17	15	20	23	23
18731A04G9	18	14	20	11	19	20	23	30
18731A04H0	20	18	17	17	21	25	25	30
18731A04H2	21	19	15	20	20	22	25	24
18731A04H3	20	15	19	17	20	22	26	30
18731A04H4	23	19	17	16	23	26	25	27
18731A04H5	26	24	18	23	25	23	29	30
18731A04H6	28	19	22	19	23	22	28	30
18731A04H7	22	18	19	19	21	23	28	27
18731A04H8	21	19	22	18	21	19	28	30
18731A04H9	30	30	30	27	30	29	30	30
18731A04I0	29	28	26	27	30	28	29	30
18731A04I1	22	24	23	23	28	23	29	30
18731A04I2	28	21	21	22	23	27	27	30
18731A04I3	30	30	29	30	29	29	28	27
18731A04I4	20	14	13	17	16	22	24	30

HallTicket Number	15A04701 OPTICAL FIBER COMMUNICATION	15A04702 EMBEDDED SYSTEMS	15A04703 MICROWAVE ENGINEERING	15A04704 DATA COMMUNICATIONS AND NETWORKING	15A04705 RADAR SYSTEMS	15A04708 DIGITAL IMAGE PROCESSING	15A04711 MICROWAVE AND OPTICAL COMMUNICATION LAB	15A04712 VLSI & EMBEDDED SYSTEMS LAB
18731A04I5	16	20	17	17	19	23	26	30
18731A04I7	29	26	20	23	22	27	27	30
18731A04I8	27	24	24	21	23	27	28	30
18731A04I9	24	18	23	21	23	27	28	30
18731A04J0	21	19	21	21	24	26	28	30
18731A04J1	23	19	22	22	21	25	25	30
18731A04J3	21	21	19	19	21	24	26	30
18731A04J4	19	14	17	17	20	23	20	23
18731A04J5	23	18	18	15	21	26	25	27
18731A04J6	24	21	22	21	26	25	27	27
18731A04J7	21	23	24	20	22	23	24	27
18731A04J9	24	24	25	24	29	28	27	30
18731A04K0	30	28	28	29	29	28	29	30
18731A04K1	21	21	23	19	22	24	28	30
18731A04K2	21	16	17	15	21	15	26	30
18731A04K4	22	18	17	19	18	21	25	30
18731A04K5	20	19	22	27	22	27	28	30
18731A04K6	18	16	20	17	22	25	25	30
18731A04K8	29	26	26	28	28	29	26	30
18731A04K9	28	29	28	28	29	30	29	30
18731A04L0	22	21	24	24	26	29	27	30
18731A04L1	18	16	19	16	26	29	26	27
18731A04L2	30	29	29	28	30	30	30	30
18731A04L3	30	30	28	29	30	27	30	30
18731A04L4	11	11	12	11	12	11	21	20
18731A04L5	25	24	22	22	26	27	28	30
18731A04L6	16	18	14	10	15	16	15	20
19735A0401	30	30	29	30	30	30	30	30
19735A0402	21	26	26	30	27	29	25	27
19735A0403	26	30	26	29	27	28	29	27
19735A0404	28	22	24	26	25	28	24	23
19735A0405	28	26	26	28	28	27	29	30

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PARVATHAREDDY BABUL REDDY

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(Affiliated to J.N.T.U.A, Approved by AICTE and Accredited by NAAC)

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

BRANCH : II ECE **INTERNAL MARKS** **ACD YEAR - 2021-22 II - SEM**

HallTicket Number	20A54403 Probability Theory & Stochastic Processes	20A04303T Digital Logic Design	20A04401 EM Waves and Transmission Lines	20A04402T Communication Systems	20A04403T Linear and Digital IC Applications	20A04303P Digital Logic Design Lab	20A04402P Communication Systems Lab	20A04403P Linear and Digital IC Applications Lab	20A52401 Soft Skills	20A99401 Design Thinking for Innovation
19731A0480	28	21	27	27	22	22	29	26	27	23
19731A04H6	15	15	15	15	12	21	19	21	28	21
20731A0401	29	30	29	29	30	30	30	29	27	28
20731A0402	28	15	20	19	21	27	27	27	28	26
20731A0403	20	23	21	21	20	27	26	27	28	25
20731A0404	27	25	27	26	25	26	27	27	27	24
20731A0405	21	23	22	19	18	27	26	24	26	21
20731A0406	28	27	23	22	21	30	30	26	26	29
20731A0407	29	27	26	25	25	25	30	29	28	26
20731A0408	29	27	28	25	29	30	30	29	27	25
20731A0409	29	28	29	25	24	30	30	28	27	25
20731A0410	30	28	29	29	25	27	30	25	26	28
20731A0411	29	28	28	30	30	26	30	28	26	25

HallTicket Number	20A54403 Probability Theory & Stochastic Processes	20A04303T Digital Logic Design	20A04401 EM Waves and Transmission Lines	20A04402T Communication Systems	20A04403T Linear and Digital IC Applications	20A04303P Digital Logic Design Lab	20A04402P Communication Systems Lab	20A04403P Linear and Digital IC Applications Lab	20A52401 Soft Skills	20A99401 Design Thinking for Innovation
20731A0412	28	25	25	27	22	28	28	27	26	21
20731A0413	27	28	25	25	27	26	29	28	27	28
20731A0414	24	27	26	28	24	29	27	29	27	26
20731A0415	30	29	28	29	28	27	29	23	26	25
20731A0416	25	26	22	16	17	26	29	28	26	27
20731A0417	19	25	15	16	15	27	27	28	27	21
20731A0418	29	30	29	30	28	30	30	29	27	28
20731A0419	30	27	27	24	25	29	29	28	26	25
20731A0420	19	20	21	17	16	26	25	28	28	21
20731A0421	18	25	16	17	17	25	30	27	27	24
20731A0422	15	19	18	17	17	27	27	23	27	26
20731A0423	23	27	26	23	22	27	30	28	26	25
20731A0424	21	21	23	22	19	25	30	29	27	24
20731A0425	30	27	29	25	26	26	28	26	26	26
20731A0426	30	27	29	28	27	30	30	29	28	26
20731A0427	30	27	29	22	27	27	30	28	26	28
20731A0428	30	30	29	28	29	27	30	28	26	24
20731A0429	30	30	28	30	27	28	30	27	26	26

HallTicket Number	20A54403 Probability Theory & Stochastic Processes	20A04303T Digital Logic Design	20A04401 EM Waves and Transmission Lines	20A04402T Communication Systems	20A04403T Linear and Digital IC Applications	20A04303P Digital Logic Design Lab	20A04402P Communication Systems Lab	20A04403P Linear and Digital IC Applications Lab	20A52401 Soft Skills	20A99401 Design Thinking for Innovation
20731A0430	30	28	26	29	26	27	29	28	28	24
20731A0431	24	25	24	21	19	27	30	26	26	15
20731A0433	29	26	25	26	25	28	30	29	26	25
20731A0434	29	29	29	29	29	27	28	26	27	24
20731A0435	30	30	29	29	29	29	30	28	27	25
20731A0436	28	25	26	23	22	27	28	24	26	24
20731A0437	30	26	29	30	29	26	29	28	26	24
20731A0438	29	29	27	29	29	28	30	28	26	25
20731A0439	23	21	21	21	18	24	22	19	28	21
20731A0440	29	27	27	28	26	28	30	26	26	25
20731A0441	25	26	24	23	24	27	27	22	27	24
20731A0442	29	28	26	24	23	27	30	29	26	23
20731A0443	25	26	21	24	24	27	29	29	26	23
20731A0444	29	29	27	27	26	29	30	29	28	26
20731A0445	28	24	25	22	24	27	30	28	27	22
20731A0446	25	20	24	24	21	26	24	25	27	22
20731A0447	24	28	24	19	25	28	30	27	28	23
20731A0448	27	26	24	26	25	28	27	29	26	24

HallTicket Number	20A54403 Probability Theory & Stochastic Processes	20A04303T Digital Logic Design	20A04401 EM Waves and Transmission Lines	20A04402T Communication Systems	20A04403T Linear and Digital IC Applications	20A04303P Digital Logic Design Lab	20A04402P Communication Systems Lab	20A04403P Linear and Digital IC Applications Lab	20A52401 Soft Skills	20A99401 Design Thinking for Innovation
20731A0449	28	25	26	25	26	27	30	29	28	23
20731A0450	30	29	30	30	27	26	30	28	27	27
20731A0451	30	30	29	29	27	30	30	29	26	28
20731A0452	28	29	28	28	28	29	30	28	26	25
20731A0453	26	29	22	23	22	29	30	27	26	25
20731A0454	25	27	23	24	23	29	30	29	26	25
20731A0455	28	26	23	22	18	29	27	28	26	25
20731A0456	21	26	24	22	19	23	30	28	27	23
20731A0457	25	18	23	17	18	26	25	22	26	23
20731A0458	30	29	28	29	27	29	30	29	27	24
20731A0459	28	23	24	24	26	27	30	26	26	26
20731A0460	30	29	30	30	29	28	30	28	27	22
20731A0461	22	24	20	22	22	27	26	29	26	21
20731A0462	28	24	23	28	24	27	30	28	27	24
20731A0463	29	28	29	28	27	28	27	29	28	26
20731A0464	24	27	23	16	19	27	30	28	28	21
20731A0465	23	17	19	27	19	23	21	22	28	17
20731A0466	26	23	23	25	19	24	25	24	26	22

HallTicket Number	20A54403 Probability Theory & Stochastic Processes	20A04303T Digital Logic Design	20A04401 EM Waves and Transmission Lines	20A04402T Communication Systems	20A04403T Linear and Digital IC Applications	20A04303P Digital Logic Design Lab	20A04402P Communication Systems Lab	20A04403P Linear and Digital IC Applications Lab	20A52401 Soft Skills	20A99401 Design Thinking for Innovation
20731A0467	29	25	25	29	23	25	26	27	28	22
20731A0468	29	21	25	29	26	25	30	27	27	24
20731A0469	28	26	22	28	24	24	28	28	26	25
20731A0470	28	30	28	25	25	28	28	29	27	21
20731A0471	26	25	24	20	23	21	27	28	28	23
20731A0472	30	28	25	22	22	29	29	30	28	21
20731A0473	27	28	26	21	24	28	27	25	26	25
20731A0474	25	29	26	22	24	27	27	29	26	20
20731A0475	20	24	23	20	21	22	27	29	28	22
20731A0476	27	29	25	24	24	25	27	28	26	24
20731A0477	24	27	20	22	22	28	28	27	28	22
20731A0478	28	29	26	24	23	25	28	29	28	24
20731A0479	25	28	24	22	24	25	27	26	26	23
20731A0480	26	26	25	25	26	27	26	30	28	24
20731A0481	22	22	19	17	19	25	26	28	28	25
20731A0482	27	30	30	26	27	29	28	29	28	21
20731A0483	26	28	21	22	21	25	27	26	28	24
20731A0484	26	26	27	19	19	25	23	26	28	24

HallTicket Number	20A54403 Probability Theory & Stochastic Processes	20A04303T Digital Logic Design	20A04401 EM Waves and Transmission Lines	20A04402T Communication Systems	20A04403T Linear and Digital IC Applications	20A04303P Digital Logic Design Lab	20A04402P Communication Systems Lab	20A04403P Linear and Digital IC Applications Lab	20A52401 Soft Skills	20A99401 Design Thinking for Innovation
20731A0485	23	25	25	20	25	25	24	28	27	19
20731A0486	26	28	26	23	18	26	28	26	28	24
20731A0487	26	27	23	18	15	21	24	26	27	24
20731A0488	29	19	23	20	25	25	28	28	27	22
20731A0489	28	28	26	25	23	24	26	28	27	23
20731A0490	28	27	24	25	20	20	27	28	26	23
20731A0491	27	29	24	20	23	28	24	27	28	24
20731A0492	15	18	21	19	19	25	27	26	28	24
20731A0493	30	30	29	28	29	28	29	26	26	24
20731A0494	24	17	15	20	18	23	20	23	27	23
20731A0495	25	25	22	20	24	27	26	26	28	22
20731A0496	18	21	20	21	18	25	23	22	28	23
20731A0497	29	27	26	23	22	24	28	29	26	25
20731A0498	28	23	21	18	18	21	27	27	28	23
20731A0499	25	24	21	20	13	20	22	23	27	24
20731A04A0	28	27	25	24	23	28	27	28	28	24
20731A04A1	28	27	23	26	20	29	27	26	27	24
20731A04A2	29	28	25	23	22	27	28	29	28	23

HallTicket Number	20A54403 Probability Theory & Stochastic Processes	20A04303T Digital Logic Design	20A04401 EM Waves and Transmission Lines	20A04402T Communication Systems	20A04403T Linear and Digital IC Applications	20A04303P Digital Logic Design Lab	20A04402P Communication Systems Lab	20A04403P Linear and Digital IC Applications Lab	20A52401 Soft Skills	20A99401 Design Thinking for Innovation
20731A04A3	29	28	25	22	20	27	27	29	28	23
20731A04A4	12	15	14	15	13	15	15	15	26	20
20731A04A5	27	28	27	24	26	28	29	29	28	23
20731A04A6	21	25	21	16	20	28	26	24	27	20
20731A04A7	23	21	21	17	17	27	28	28	27	25
20731A04A8	26	23	23	20	20	28	25	30	28	23
20731A04A9	25	27	23	25	22	27	27	30	27	26
20731A04B0	30	29	22	23	25	28	29	29	28	19
20731A04B1	20	18	20	21	19	22	15	28	26	23
20731A04B2	18	18	22	20	20	26	24	28	27	22
20731A04B3	18	27	24	21	25	30	27	25	28	24
20731A04B4	19	23	18	18	21	21	25	22	27	25
20731A04B5	17	15	19	15	15	15	15	22	28	20
20731A04B6	29	29	25	25	22	22	28	26	28	23
20731A04B7	20	22	18	20	18	26	28	25	26	23
20731A04B8	23	25	22	24	21	19	27	26	28	26
20731A04B9	29	28	26	23	26	26	27	29	27	23
20731A04C0	30	29	30	25	30	26	30	30	27	21

HallTicket Number	20A54403 Probability Theory & Stochastic Processes	20A04303T Digital Logic Design	20A04401 EM Waves and Transmission Lines	20A04402T Communication Systems	20A04403T Linear and Digital IC Applications	20A04303P Digital Logic Design Lab	20A04402P Communication Systems Lab	20A04403P Linear and Digital IC Applications Lab	20A52401 Soft Skills	20A99401 Design Thinking for Innovation
20731A04C1	16	19	17	11	15	18	17	21	28	18
20731A04C2	16	18	16	15	11	24	18	26	15	15
20731A04C4	20	25	13	15	15	19	17	23	27	22
20731A04C5	19	19	16	15	16	20	16	24	28	24
20731A04C6	15	21	18	17	16	23	26	26	28	20
20731A04C7	23	27	19	19	18	25	25	28	28	22
20731A04C8	19	24	17	20	18	15	21	26	27	22
20731A04C9	27	25	24	26	21	27	27	29	28	23
20731A04D0	20	21	18	18	18	22	27	27	28	21
20731A04D1	17	20	17	17	17	26	27	24	28	26
20731A04D3	25	22	24	20	23	28	29	28	28	22
20731A04D4	19	22	19	20	20	22	23	25	28	23
20731A04D5	26	30	22	23	22	27	24	28	28	22
20731A04D6	18	18	13	14	14	0	0	0	15	15
20731A04D8	15	19	19	18	17	22	23	24	28	29
20731A04D9	21	22	19	16	21	27	27	26	26	28
20731A04E0	21	24	15	18	17	21	27	20	27	24
20731A04E1	21	23	18	21	17	25	22	21	28	25

HallTicket Number	20A54403 Probability Theory & Stochastic Processes	20A04303T Digital Logic Design	20A04401 EM Waves and Transmission Lines	20A04402T Communication Systems	20A04403T Linear and Digital IC Applications	20A04303P Digital Logic Design Lab	20A04402P Communication Systems Lab	20A04403P Linear and Digital IC Applications Lab	20A52401 Soft Skills	20A99401 Design Thinking for Innovation
20731A04E2	24	26	17	25	22	21	26	20	28	26
20731A04E3	19	19	18	18	18	23	17	20	29	28
20731A04E4	17	19	15	15	17	20	21	19	27	24
20731A04E5	24	25	20	17	18	21	25	20	27	26
20731A04E6	24	23	16	17	19	23	23	25	27	26
20731A04E7	20	19	20	16	24	22	27	21	28	24
20731A04E8	23	21	20	20	21	25	24	21	29	27
20731A04E9	22	25	22	20	18	21	25	24	28	24
20731A04F0	20	22	22	18	19	22	21	17	25	21
20731A04F1	17	25	20	15	18	21	23	20	26	28
20731A04F2	19	23	17	21	19	27	25	21	28	23
20731A04F3	29	29	25	24	22	25	29	28	27	28
20731A04F4	16	20	19	16	16	23	24	21	27	23
20731A04F5	15	17	16	15	19	22	24	15	25	27
20731A04F6	15	15	12	15	15	26	23	18	26	26
20731A04F7	15	15	11	8	5	15	15	15	28	24
20731A04F8	23	27	22	23	25	26	27	29	28	26
20731A04F9	17	21	19	18	20	21	21	21	28	28

HallTicket Number	20A54403 Probability Theory & Stochastic Processes	20A04303T Digital Logic Design	20A04401 EM Waves and Transmission Lines	20A04402T Communication Systems	20A04403T Linear and Digital IC Applications	20A04303P Digital Logic Design Lab	20A04402P Communication Systems Lab	20A04403P Linear and Digital IC Applications Lab	20A52401 Soft Skills	20A99401 Design Thinking for Innovation
20731A04G0	20	23	20	19	18	24	26	20	27	24
20731A04G1	15	21	18	17	19	20	18	18	25	21
20731A04G2	19	25	22	21	22	25	24	22	29	21
20731A04G3	15	24	20	17	19	17	15	15	26	27
20731A04G4	17	19	15	9	16	16	15	10	25	15
20731A04G5	24	25	18	20	18	27	25	25	26	27
20731A04G6	27	28	19	18	23	28	28	27	28	30
20731A04G7	25	24	21	23	20	25	29	25	28	26
20731A04G9	23	28	24	25	24	29	29	28	29	25
20731A04H0	26	27	25	19	24	29	23	28	26	27
20731A04H1	21	26	21	19	21	22	28	23	28	29
20731A04H2	30	29	27	27	22	27	27	28	28	29
20731A04H3	23	25	17	15	19	23	20	25	28	22
20731A04H4	16	20	18	15	15	25	22	21	29	22
20731A04H5	22	22	17	19	18	27	26	24	26	26
20731A04H8	27	28	23	21	20	29	27	29	25	25
20731A04H9	20	22	17	15	20	26	22	27	25	27
20731A04I0	22	25	20	19	22	27	26	26	26	26

HallTicket Number	20A54403 Probability Theory & Stochastic Processes	20A04303T Digital Logic Design	20A04401 EM Waves and Transmission Lines	20A04402T Communication Systems	20A04403T Linear and Digital IC Applications	20A04303P Digital Logic Design Lab	20A04402P Communication Systems Lab	20A04403P Linear and Digital IC Applications Lab	20A52401 Soft Skills	20A99401 Design Thinking for Innovation
20731A04I1	18	23	20	16	20	27	22	20	27	25
20731A04I2	17	17	16	15	18	23	19	19	27	18
20731A04I3	24	26	23	20	24	27	23	28	27	23
20731A04I4	22	28	22	21	24	27	24	26	28	21
20731A04I5	28	30	28	29	29	30	29	24	28	28
20731A04I6	20	25	22	22	27	27	20	21	29	28
20731A04I7	25	29	25	23	27	28	26	26	28	27
21735A0401	29	29	24	24	28	30	30	27	26	29
21735A0402	24	28	20	25	22	27	27	27	28	29
21735A0403	20	29	20	22	23	29	27	28	28	21
21735A0404	24	29	23	17	22	27	26	26	26	24
21735A0405	16	24	19	16	26	29	26	27	24	20
21735A0406	30	29	30	28	29	30	27	24	28	30
21735A0407	29	30	29	25	30	29	30	29	27	30
21735A0408	27	28	26	21	25	29	28	28	27	28
21735A0409	26	29	22	29	25	27	29	28	26	30
21735A0410	15	24	16	16	22	26	24	22	29	23
21735A0411	19	26	25	20	25	27	26	27	29	24

HallTicket Number	20A54403 Probability Theory & Stochastic Processes	20A04303T Digital Logic Design	20A04401 EM Waves and Transmission Lines	20A04402T Communication Systems	20A04403T Linear and Digital IC Applications	20A04303P Digital Logic Design Lab	20A04402P Communication Systems Lab	20A04403P Linear and Digital IC Applications Lab	20A52401 Soft Skills	20A99401 Design Thinking for Innovation
21735A0412	15	22	15	16	15	26	20	25	28	21
21735A0413	22	26	23	18	24	27	27	28	28	23
21735A0414	21	28	25	22	27	28	26	28	26	26
21735A0415	16	24	17	19	22	26	23	25	27	26
21735A0417	19	26	17	18	20	27	23	23	26	24
21735A0418	19	26	20	18	21	24	26	26	28	24
21735A0419	21	27	18	16	24	29	27	29	28	22
21735A0420	17	23	16	19	16	23	19	15	27	24

Re-Admitted

HallTicketNumber	20A04302TA nlog Circuits	20A52301 Managerial Economics and Financial Analysis	20A04401 EM Waves and Transmission Lines	20A04402T Communication Systems	20A04403T Linear and Digital IC Applications	20A04303P Digital Logic Design Lab	20A04402P Communication Systems Lab	20A04403P Linear and Digital IC Applications Lab	20A52401 Soft Skills	20A99401 Design Thinking for Innovation
18731A0406	22	22	23	18	17	23	24	19	27	23

Head of the Department
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(Affiliated to J.N.T.U.A, Approved by AICTE and Accredited by NAAC)

KAVALI – 524201, S.P.S.R Nellore Dist., A.P. India. Ph: 08626-243930

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

BRANCH : III ECE **INTERNAL MARKS** **ACD YEAR 2021-22 II SEM**

S.NO	HallTicket Number	19A04601T Microprocessors & Microcontrollers	19A04602T Digital Signal Processing	19A04603 Digital System Design through VHDL	19A04605e Principles & Techniques of Modern Radar Systems	19A54604a Wavelet Transforms & Its Applications	19A52602b Managerial Economics & Financial Analysis	19A04602P Digital Signal Processing Lab	19A04601P Microprocessors & Microcontrollers Lab	19A04606 Socially Relevant Project	19A99501 MC:Constitution of India	19A04607 Comprehensive Online Examination
1	19731A0401	25	30	25	29	28	28	30	29	47	26	98
2	19731A0402	29	30	30	27	30	29	30	29	49	30	99
3	19731A0403	28	30	30	29	30	28	30	30	49	30	98
4	19731A0404	24	27	27	26	21	29	29	24	43	23	85
5	19731A0405	28	28	25	25	21	24	29	27	47	26	96
6	19731A0406	28	30	29	29	26	25	30	29	47	29	92
7	19731A0407	28	29	25	29	25	25	30	29	44	23	91
8	19731A0408	27	29	25	27	24	23	29	24	47	29	92
9	19731A0409	29	30	30	30	28	29	30	30	49	30	98
10	19731A0410	29	30	29	27	24	26	30	30	49	30	99
11	19731A0411	25	27	23	23	26	28	30	28	47	27	90
12	19731A0412	21	19	24	25	26	29	28	26	44	23	97
13	19731A0413	26	27	26	29	27	25	30	25	42	22	84
14	19731A0414	28	30	29	30	29	30	30	28	49	30	96

S.NO	HallTicket Number	19A04601T Microprocessors & Microcontrollers	19A04602T Digital Signal Processing	19A04603 Digital System Design through VHDL	19A04605e Principles & Techniques of Modern Radar Systems	19A54604a Wavelet Transforms & Its Applications	19A52602b Managerial Economics & Financial Analysis	19A04602P Digital Signal Processing Lab	19A04601P Microprocessors & Microcontrollers Lab	19A04606 Socially Relevant Project	19A99501 MC:Constitution of India	19A04607 Comprehensive Online Examination
15	19731A0415	15	19	15	15	15	15	17	15	37	19	50
16	19731A0416	22	17	17	19	16	20	22	18	38	20	94
17	19731A0417	21	23	25	21	19	21	30	24	43	23	86
18	19731A0418	21	27	23	27	21	20	30	23	44	23	93
19	19731A0419	27	27	26	25	23	23	30	27	44	23	94
20	19731A0420	28	27	27	28	25	26	30	24	48	29	99
21	19731A0421	24	29	27	30	22	25	30	25	47	28	99
22	19731A0422	29	30	29	30	25	28	30	27	48	29	93
23	19731A0423	28	29	22	28	22	28	30	28	43	22	80
24	19731A0424	26	30	29	28	28	24	30	30	48	29	99
25	19731A0425	15	24	18	18	15	20	29	22	40	21	87
26	19731A0426	27	28	24	27	27	28	30	24	47	27	90
27	19731A0427	29	30	30	29	28	30	30	30	49	30	99
28	19731A0428	29	30	29	30	28	28	30	29	48	29	97
29	19731A0429	30	30	29	29	28	30	30	30	49	30	97
30	19731A0430	28	30	26	29	27	30	30	29	48	30	96
31	19731A0431	30	30	27	30	28	23	30	30	47	27	98
32	19731A0432	29	30	29	30	25	27	30	29	47	28	94
33	19731A0434	23	27	25	27	19	22	29	24	38	20	99

S.NO	HallTicket Number	19A04601T Microprocessors & Microcontrollers	19A04602T Digital Signal Processing	19A04603 Digital System Design through VHDL	19A04605e Principles & Techniques of Modern Radar Systems	19A54604a Wavelet Transforms & Its Applications	19A52602b Managerial Economics & Financial Analysis	19A04602P Digital Signal Processing Lab	19A04601P Microprocessors & Microcontrollers Lab	19A04606 Socially Relevant Project	19A99501 MC:Constitution of India	19A04607 Comprehensive Online Examination
34	19731A0435	26	30	27	28	22	26	30	29	47	27	96
35	19731A0436	27	30	29	27	23	23	30	29	48	29	98
36	19731A0437	27	30	25	28	26	27	30	27	47	27	97
37	19731A0438	27	29	28	29	27	26	30	27	47	27	98
38	19731A0439	27	30	29	30	27	24	30	28	47	29	92
39	19731A0440	27	30	30	30	25	24	30	29	49	30	96
40	19731A0441	27	30	29	30	26	26	30	24	46	24	99
41	19731A0442	21	25	22	29	22	24	30	23	43	22	97
42	19731A0443	24	28	24	29	22	24	29	24	45	23	94
43	19731A0444	16	20	16	18	15	20	25	21	38	20	89
44	19731A0445	19	26	27	24	20	24	28	28	43	23	98
45	19731A0446	23	28	21	29	22	26	28	21	41	22	96
46	19731A0447	26	29	25	29	22	25	30	20	44	23	95
47	19731A0448	24	28	25	30	22	25	30	22	44	23	92
48	19731A0449	22	27	24	30	25	29	29	26	44	23	98
49	19731A0450	28	29	26	30	26	30	30	30	47	26	94
50	19731A0451	29	30	28	24	26	29	30	28	48	29	99
51	19731A0452	28	29	29	30	25	28	30	26	47	29	94
52	19731A0453	28	29	28	30	25	29	30	26	47	28	92

S.NO	HallTicket Number	19A04601T Microprocessors & Microcontrollers	19A04602T Digital Signal Processing	19A04603 Digital System Design through VHDL	19A04605e Principles & Techniques of Modern Radar Systems	19A54604a Wavelet Transforms & Its Applications	19A52602b Managerial Economics & Financial Analysis	19A04602P Digital Signal Processing Lab	19A04601P Microprocessors & Microcontrollers Lab	19A04606 Socially Relevant Project	19A99501 MC:Constitution of India	19A04607 Comprehensive Online Examination
53	19731A0454	29	30	29	29	28	29	30	28	49	30	99
54	19731A0455	27	29	28	24	21	23	30	28	42	22	97
55	19731A0456	22	25	22	21	20	27	30	21	42	22	97
56	19731A0457	29	29	29	29	28	28	30	30	47	28	92
57	19731A0458	27	29	29	29	26	25	30	28	43	23	90
58	19731A0459	30	30	28	30	28	28	30	28	48	29	97
59	19731A0460	28	30	30	29	25	29	30	29	47	27	93
60	19731A0461	25	30	27	30	27	29	30	29	47	28	94
61	19731A0462	30	28	29	30	26	27	27	27	46	25	96
62	19731A0463	29	29	30	30	29	26	29	28	47	28	98
63	19731A0465	30	26	29	26	29	29	29	28	45	24	88
64	19731A0466	30	28	29	30	28	28	27	29	49	30	98
65	19731A0468	30	29	30	29	28	30	26	29	49	30	98
66	19731A0469	23	27	23	20	19	23	28	28	45	24	95
67	19731A0470	28	27	28	29	29	29	25	27	47	28	93
68	19731A0471	26	27	27	26	22	26	19	27	45	23	98
69	19731A0472	27	29	30	30	27	28	29	28	48	30	98
70	19731A0473	24	26	25	23	24	24	28	27	45	23	97
71	19731A0474	26	28	29	25	25	25	27	28	47	28	97

S.NO	HallTicket Number	19A04601T Microprocessors & Microcontrollers	19A04602T Digital Signal Processing	19A04603 Digital System Design through VHDL	19A04605e Principles & Techniques of Modern Radar Systems	19A54604a Wavelet Transforms & Its Applications	19A52602b Managerial Economics & Financial Analysis	19A04602P Digital Signal Processing Lab	19A04601P Microprocessors & Microcontrollers Lab	19A04606 Socially Relevant Project	19A99501 MC:Constitution of India	19A04607 Comprehensive Online Examination
72	19731A0475	28	28	29	28	25	24	25	27	46	25	99
73	19731A0476	30	29	30	30	30	30	27	29	49	30	98
74	19731A0477	29	27	30	30	26	29	25	27	47	27	98
75	19731A0478	23	27	17	25	23	24	25	27	43	22	96
76	19731A0479	27	28	29	27	23	24	27	29	46	24	99
77	19731A0481	23	27	26	27	22	23	26	24	43	23	97
78	19731A0482	30	29	30	30	27	30	28	29	49	30	99
79	19731A0483	26	23	25	26	24	26	26	27	44	23	96
80	19731A0484	26	29	26	27	24	25	25	28	47	28	94
81	19731A0485	25	25	28	29	25	21	26	29	45	24	98
82	19731A0486	27	28	30	30	29	26	27	29	47	29	99
83	19731A0488	29	26	27	27	21	25	29	28	46	24	96
84	19731A0490	27	27	25	24	26	25	25	27	44	23	98
85	19731A0491	25	26	24	23	23	26	26	28	45	24	90
86	19731A0492	26	28	30	24	26	25	27	29	48	29	98
87	19731A0493	21	25	26	26	23	22	27	26	40	21	93
88	19731A0494	20	26	23	27	20	24	20	20	39	20	95
89	19731A0495	28	28	28	29	24	26	29	26	46	25	93
90	19731A0496	25	26	26	28	24	25	25	27	46	25	95

S.NO	HallTicket Number	19A04601T Microprocessors & Microcontrollers	19A04602T Digital Signal Processing	19A04603 Digital System Design through VHDL	19A04605e Principles & Techniques of Modern Radar Systems	19A54604a Wavelet Transforms & Its Applications	19A52602b Managerial Economics & Financial Analysis	19A04602P Digital Signal Processing Lab	19A04601P Microprocessors & Microcontrollers Lab	19A04606 Socially Relevant Project	19A99501 MC:Constitution of India	19A04607 Comprehensive Online Examination
91	19731A0497	22	28	24	22	25	23	25	27	40	21	99
92	19731A0498	22	26	27	26	24	26	25	25	44	23	97
93	19731A0499	30	28	30	29	25	26	27	29	46	25	98
94	19731A04A0	26	25	28	29	26	24	27	26	41	22	99
95	19731A04A1	20	25	24	24	23	26	25	25	40	21	92
96	19731A04A2	23	28	27	27	26	26	27	25	45	23	99
97	19731A04A3	30	29	29	28	29	26	28	27	47	27	92
98	19731A04A4	23	26	27	19	21	25	27	26	46	25	99
99	19731A04A5	23	27	23	21	23	23	25	24	40	21	95
100	19731A04A6	22	25	25	27	23	24	22	21	38	20	97
101	19731A04A7	20	25	24	26	21	22	25	24	40	20	98
102	19731A04A8	29	27	28	29	22	26	27	25	42	22	96
103	19731A04A9	23	25	21	28	20	23	26	23	41	22	96
104	19731A04B0	29	26	28	30	26	26	26	30	47	27	94
105	19731A04B2	21	26	23	24	21	26	25	22	40	21	96
106	19731A04B3	26	29	28	25	22	26	27	28	46	25	91
107	19731A04B4	28	27	27	25	27	27	27	24	45	23	95
108	19731A04B5	23	23	26	27	22	26	25	22	43	22	80
109	19731A04B7	18	26	18	25	20	19	22	20	39	20	79

S.NO	HallTicket Number	19A04601T Microprocessors & Microcontrollers	19A04602T Digital Signal Processing	19A04603 Digital System Design through VHDL	19A04605e Principles & Techniques of Modern Radar Systems	19A54604a Wavelet Transforms & Its Applications	19A52602b Managerial Economics & Financial Analysis	19A04602P Digital Signal Processing Lab	19A04601P Microprocessors & Microcontrollers Lab	19A04606 Socially Relevant Project	19A99501 MC:Constitution of India	19A04607 Comprehensive Online Examination
110	19731A04B8	24	26	24	26	24	18	25	26	42	22	97
111	19731A04B9	29	29	29	30	27	30	27	28	48	29	97
112	19731A04C0	22	23	20	28	23	22	25	27	41	22	99
113	19731A04C1	30	29	29	30	29	29	28	29	49	30	98
114	19731A04C2	29	27	25	28	25	24	28	28	47	26	96
115	19731A04C3	26	23	23	28	21	22	25	23	40	20	98
116	19731A04C4	29	29	29	29	28	27	25	24	46	25	90
117	19731A04C5	30	29	30	30	30	28	29	29	48	30	97
118	19731A04C6	27	27	27	29	28	26	23	26	43	22	98
119	19731A04C7	29	29	30	29	26	28	26	29	44	23	97
120	19731A04C8	28	28	25	29	23	24	24	27	45	24	98
121	19731A04C9	29	28	27	27	25	23	26	29	46	25	98
122	19731A04D0	25	26	23	30	25	25	24	24	43	23	89
123	19731A04D1	26	28	30	29	23	27	27	28	47	26	99
124	19731A04D2	25	24	24	29	24	21	24	27	38	20	97
125	19731A04D3	17	23	27	29	22	20	23	26	40	21	94
126	19731A04D4	23	23	18	27	20	21	20	25	40	21	95
127	19731A04D5	26	28	29	29	24	22	29	28	44	23	96
128	19731A04D6	27	29	26	29	24	24	27	27	45	23	85

S.NO	HallTicket Number	19A04601T Microprocessors & Microcontrollers	19A04602T Digital Signal Processing	19A04603 Digital System Design through VHDL	19A04605e Principles & Techniques of Modern Radar Systems	19A54604a Wavelet Transforms & Its Applications	19A52602b Managerial Economics & Financial Analysis	19A04602P Digital Signal Processing Lab	19A04601P Microprocessors & Microcontrollers Lab	19A04606 Socially Relevant Project	19A99501 MC:Constitution of India	19A04607 Comprehensive Online Examination
129	19731A04D7	20	28	18	29	20	25	23	25	42	22	98
130	19731A04D8	17	25	28	23	21	22	24	29	40	21	99
131	19731A04D9	26	28	29	27	23	26	25	28	41	21	97
132	19731A04E0	27	29	29	27	28	26	26	29	47	27	90
133	19731A04E1	25	27	30	29	26	26	25	28	47	26	90
134	19731A04E2	24	26	28	27	26	24	26	28	44	23	96
135	19731A04E3	23	23	27	29	26	20	25	27	39	20	94
136	19731A04E4	22	24	25	27	23	20	24	23	44	23	86
137	19731A04E6	22	24	25	19	17	21	20	20	39	20	93
138	19731A04E7	24	23	27	25	24	20	28	27	43	22	84
139	19731A04E8	26	28	27	28	22	25	24	26	42	22	88
140	19731A04E9	25	25	26	25	21	22	22	26	40	20	92
141	19731A04F0	19	23	25	21	20	24	24	25	38	20	72
142	19731A04F1	15	20	15	15	18	18	18	20	39	20	99
143	19731A04F2	28	26	27	29	25	24	26	28	43	23	81
144	19731A04F3	19	23	18	20	16	15	21	15	37	18	85
145	19731A04F4	27	26	29	28	25	26	29	28	45	23	85
146	19731A04F5	24	25	28	24	21	19	27	26	39	20	82
147	19731A04F6	18	23	22	25	21	22	25	26	37	19	77

S.NO	HallTicket Number	19A04601T Microprocessors & Microcontrollers	19A04602T Digital Signal Processing	19A04603 Digital System Design through VHDL	19A04605e Principles & Techniques of Modern Radar Systems	19A54604a Wavelet Transforms & Its Applications	19A52602b Managerial Economics & Financial Analysis	19A04602P Digital Signal Processing Lab	19A04601P Microprocessors & Microcontrollers Lab	19A04606 Socially Relevant Project	19A99501 MC:Constitution of India	19A04607 Comprehensive Online Examination
148	19731A04F7	19	22	26	27	19	20	20	23	39	20	96
149	19731A04F8	28	29	30	30	29	30	28	29	47	26	94
150	19731A04F9	23	28	29	18	28	25	22	28	40	21	82
151	19731A04G0	21	23	23	28	19	20	20	19	38	20	72
152	19731A04G1	20	26	26	29	23	24	29	29	44	23	93
153	19731A04G2	21	23	19	18	20	28	22	26	42	22	80
154	19731A04G4	17	22	16	15	18	17	20	23	37	19	90
155	19731A04G5	25	28	23	28	23	22	22	27	43	23	92
156	19731A04G6	20	27	26	28	24	27	24	29	42	22	80
157	19731A04G7	25	26	26	27	25	24	21	28	45	23	85
158	19731A04G8	23	27	26	29	24	23	22	27	43	22	80
159	19731A04H0	21	22	23	25	19	22	20	26	38	20	70
160	19731A04H1	15	18	15	15	15	16	18	22	37	18	50
161	19731A04H3	23	26	24	23	22	22	23	26	40	21	75
162	19731A04H4	18	16	22	16	19	21	23	26	37	19	68
163	19731A04H5	26	22	24	18	23	25	25	24	43	23	82
164	19731A04H7	20	23	27	17	22	22	28	28	41	22	80
165	19731A04H8	26	28	30	29	28	27	28	29	47	28	91
166	19731A04H9	24	23	24	17	20	22	28	28	43	22	80

S.NO	HallTicket Number	19A04601T Microprocessors & Microcontrollers	19A04602T Digital Signal Processing	19A04603 Digital System Design through VHDL	19A04605e Principles & Techniques of Modern Radar Systems	19A54604a Wavelet Transforms & Its Applications	19A52602b Managerial Economics & Financial Analysis	19A04602P Digital Signal Processing Lab	19A04601P Microprocessors & Microcontrollers Lab	19A04606 Socially Relevant Project	19A99501 MC:Constitution of India	19A04607 Comprehensive Online Examination
167	19731A04I0	24	23	27	27	21	24	28	28	40	21	76
168	19731A04I1	27	29	28	22	25	28	24	28	45	23	85
169	19731A04I2	15	19	22	16	19	21	20	18	37	19	68
170	19731A04I3	25	25	17	19	24	27	23	26	41	22	80
171	19731A04I4	27	26	26	27	24	22	24	28	40	21	77
172	19731A04I5	22	24	26	26	26	24	24	29	42	22	80
173	19731A04I6	24	26	28	27	23	20	25	29	41	21	78
174	19731A04I7	21	21	20	15	20	19	26	25	38	20	74
175	19731A04I8	25	27	27	27	23	24	20	20	40	21	86
176	19731A04I9	22	27	27	27	21	24	26	25	42	22	98
177	19731A04J0	18	22	24	22	22	21	24	24	39	20	73
178	19731A04J1	22	25	28	24	22	21	26	26	42	22	80
179	19731A04J2	19	21	26	23	22	22	27	27	38	20	81
180	19731A04J3	19	23	21	23	20	22	23	26	38	19	94
181	19731A04J4	24	29	26	26	22	23	26	27	45	24	80
182	19731A04J5	28	29	30	28	24	28	27	27	47	26	95
183	19731A04J6	22	28	27	26	21	21	24	24	42	22	89
184	19731A04J7	18	25	27	21	24	24	26	25	43	23	94
185	19731A04J8	18	24	20	24	19	19	25	23	37	19	68

S.NO	HallTicket Number	19A04601T Microprocessors & Microcontrollers	19A04602T Digital Signal Processing	19A04603 Digital System Design through VHDL	19A04605e Principles & Techniques of Modern Radar Systems	19A54604a Wavelet Transforms & Its Applications	19A52602b Managerial Economics & Financial Analysis	19A04602P Digital Signal Processing Lab	19A04601P Microprocessors & Microcontrollers Lab	19A04606 Socially Relevant Project	19A99501 MC:Constitution of India	19A04607 Comprehensive Online Examination
186	19731A04K0	19	26	23	25	20	24	22	26	41	21	78
187	19731A04K1	16	20	23	16	15	19	22	27	37	18	65
188	19731A04K2	25	29	30	25	19	28	25	26	47	26	90
189	19731A04K3	26	28	28	28	21	21	25	26	48	29	94
190	19731A04K5	26	30	29	30	25	25	27	27	47	26	97
191	19731A04K6	15	21	26	22	18	18	22	22	37	18	85
192	19731A04K7	26	29	24	27	22	22	25	26	45	24	87
193	19731A04K8	29	30	29	27	28	29	26	28	49	30	98
194	19731A04K9	15	17	17	15	15	16	22	25	38	19	68
195	19731A04L0	24	27	29	29	25	25	24	24	43	23	90
196	19731A04L1	18	28	28	25	24	24	25	26	43	22	94
197	19731A04L4	27	30	29	27	22	23	27	27	45	24	96
198	19731A04L6	27	29	28	25	25	24	26	25	46	24	94
199	19731A04L7	22	27	23	25	23	22	25	24	42	22	90
200	19731A04L8	22	23	25	27	23	21	24	25	40	21	95
201	19731A04M0	27	28	27	27	24	24	26	25	45	24	88
202	19731A04M1	22	24	24	27	23	22	23	24	39	20	93
203	19731A04M2	8	18	17	15	20	15	21	15	37	19	78
204	19731A04M3	24	27	26	24	21	26	26	27	40	21	77

S.NO	HallTicket Number	19A04601T Microprocessors & Microcontrollers	19A04602T Digital Signal Processing	19A04603 Digital System Design through VHDL	19A04605e Principles & Techniques of Modern Radar Systems	19A54604a Wavelet Transforms & Its Applications	19A52602b Managerial Economics & Financial Analysis	19A04602P Digital Signal Processing Lab	19A04601P Microprocessors & Microcontrollers Lab	19A04606 Socially Relevant Project	19A99501 MC:Constitution of India	19A04607 Comprehensive Online Examination
205	19731A04M4	23	29	30	26	26	25	28	27	46	25	97
206	19731A04M5	27	29	28	28	23	26	29	28	47	29	92
207	19731A04M7	23	30	28	29	26	27	28	28	47	27	90
208	19731A04M8	25	26	25	28	25	25	26	26	42	22	96
209	19731A04N1	24	26	24	27	20	20	24	23	39	20	71
210	19731A04N2	19	24	25	24	23	23	25	25	41	22	80
211	19731A04N3	30	30	30	29	29	30	28	25	49	30	99
212	19731A04N4	20	20	15	15	20	22	18	15	38	20	70
213	19731A04N6	25	29	27	25	25	24	25	24	43	23	84
214	20735A0401	24	30	30	27	27	23	24	25	44	23	96
215	20735A0402	23	30	28	28	24	26	26	25	45	23	85
216	20735A0403	29	30	30	29	25	28	27	27	48	29	95
217	20735A0404	27	30	29	29	26	27	26	26	47	28	96
218	20735A0405	15	19	25	15	15	15	18	15	42	22	99
219	20735A0406	21	26	25	29	24	24	26	26	44	23	83
220	20735A0408	27	30	28	30	26	29	24	26	37	18	91
221	20735A0409	27	30	27	28	28	26	25	25	47	26	96
222	20735A0410	30	29	29	26	25	27	26	26	47	27	94
223	20735A0411	26	30	29	29	25	29	27	25	47	26	90

S.NO	HallTicket Number	19A04601T Microprocessors & Microcontrollers	19A04602T Digital Signal Processing	19A04603 Digital System Design through VHDL	19A04605e Principles & Techniques of Modern Radar Systems	19A54604a Wavelet Transforms & Its Applications	19A52602b Managerial Economics & Financial Analysis	19A04602P Digital Signal Processing Lab	19A04601P Microprocessors & Microcontrollers Lab	19A04606 Socially Relevant Project	19A99501 MC:Constitution of India	19A04607 Comprehensive Online Examination
224	20735A0412	28	30	29	28	25	28	28	24	46	25	90
225	20735A0413	30	30	29	29	30	30	29	29	49	30	97
226	20735A0414	29	30	27	27	28	27	27	26	45	25	99
227	20735A0415	23	29	21	21	26	28	26	25	43	25	97
228	20735A0416	18	27	23	23	22	27	21	23	43	25	89
229	19L41A0405	27	30	23	29	28	27	27	26	49	30	81
230	19L41A0409	27	30	28	30	29	28	26	26	49	29	83
231	19L41A0422	28	30	29	29	27	25	28	26	48	29	88

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

BRANCH : IV ECE **INTERNAL MARKS** **ACD YEAR - 2021-22 II - SEM**

HallTicket Number	15A04802 LOW POWER VLSI CIRCUITS & SYSTEMS	15A04804 RF INTEGRATED CIRCUITS	15A04806 TECHNICAL SEMINAR	15A04807 PROJECT WORK
17731A04G1	21	16	36	49
17731A04L0	26	21	43	56
17731A04L6	22	21	34	51
17731A04M5	19	11	38	49
18731A0401	29	26	48	55
18731A0403	29	30	50	59
18731A0404	30	27	50	60
18731A0405	27	27	49	56
18731A0408	28	24	48	56
18731A0409	24	20	43	57
18731A0410	27	27	46	56
18731A0411	29	28	49	59
18731A0412	27	27	49	58
18731A0413	30	28	50	59
18731A0414	28	27	49	59
18731A0415	25	28	48	57
18731A0416	27	**28**	49	58
18731A0417	26	28	49	57
18731A0418	10	20	38	53
18731A0419	28	29	49	54
18731A0420	28	29	48	59
18731A0421	21	29	48	55
18731A0422	24	25	47	55
18731A0423	22	28	49	59
18731A0424	24	16	43	55
18731A0425	23	25	39	55
18731A0426	24	26	47	58
18731A0427	18	25	39	55
18731A0428	24	27	41	58
18731A0429	20	23	46	58

HallTicket Number	15A04802 LOW POWER VLSI CIRCUITS & SYSTEMS	15A04804 RF INTEGRATED CIRCUITS	15A04806 TECHNICAL SEMINAR	15A04807 PROJECT WORK
18731A0430	23	22	44	56
18731A0431	26	20	48	59
18731A0432	17	17	44	55
18731A0433	29	29	49	60
18731A0434	25	23	40	56
18731A0435	18	15	38	54
18731A0436	26	24	48	58
18731A0437	24	27	48	56
18731A0438	29	29	48	56
18731A0439	23	24	48	57
18731A0440	30	29	50	60
18731A0442	29	22	49	59
18731A0443	20	21	47	56
18731A0444	24	26	48	58
18731A0445	26	26	50	60
18731A0446	29	28	49	58
18731A0447	24	23	49	59
18731A0448	25	22	40	55
18731A0449	27	27	49	58
18731A0450	29	28	49	59
18731A0451	28	25	47	55
18731A0453	28	25	39	55
18731A0454	26	29	41	56
18731A0455	29	28	45	59
18731A0456	26	27	48	58
18731A0457	27	26	48	57
18731A0458	27	27	47	57
18731A0459	27	29	49	59
18731A0460	26	27	48	59
18731A0461	24	27	46	60
18731A0462	24	27	49	59
18731A0463	26	28	46	57
18731A0464	30	28	49	58
18731A0465	21	22	46	55
18731A0466	30	24	48	58

HallTicket Number	15A04802 LOW POWER VLSI CIRCUITS & SYSTEMS	15A04804 RF INTEGRATED CIRCUITS	15A04806 TECHNICAL SEMINAR	15A04807 PROJECT WORK
18731A0467	16	24	43	56
18731A0468	27	26	48	56
18731A0469	27	27	49	57
18731A0470	28	26	50	60
18731A0471	25	27	45	54
18731A0472	27	26	45	57
18731A0473	23	30	48	59
18731A0474	21	29	48	57
18731A0475	23	25	46	54
18731A0476	26	30	49	59
18731A0477	30	30	49	59
18731A0478	25	29	49	58
18731A0479	29	30	49	59
18731A0480	16	22	47	55
18731A0481	20	29	47	57
18731A0482	28	30	49	59
18731A0483	24	25	47	55
18731A0484	26	29	49	59
18731A0485	26	30	49	59
18731A0486	28	30	49	59
18731A0487	29	28	49	58
18731A0488	28	28	49	59
18731A0489	30	30	49	59
18731A0490	30	29	49	59
18731A0492	24	28	48	57
18731A0493	24	29	49	59
18731A0494	23	27	48	58
18731A0495	30	30	49	59
18731A0496	29	30	49	57
18731A0497	28	29	48	57
18731A0498	25	30	49	58
18731A0499	24	27	48	58
18731A04A0	30	30	49	60
18731A04A1	27	26	46	56
18731A04A2	29	30	49	60

HallTicket Number	15A04802 LOW POWER VLSI CIRCUITS & SYSTEMS	15A04804 RF INTEGRATED CIRCUITS	15A04806 TECHNICAL SEMINAR	15A04807 PROJECT WORK
18731A04A3	26	29	49	57
18731A04A4	17	24	47	56
18731A04A5	20	29	48	58
18731A04A6	24	27	47	54
18731A04A7	15	10	45	53
18731A04A8	18	20	46	54
18731A04B0	23	29	47	57
18731A04B2	26	29	49	57
18731A04B3	25	27	48	56
18731A04B4	19	27	47	55
18731A04B5	15	21	45	53
18731A04B6	20	28	48	55
18731A04B7	19	21	48	55
18731A04B8	15	24	47	57
18731A04B9	15	18	46	57
18731A04C0	15	27	46	56
18731A04C1	21	30	49	58
18731A04C2	11	16	44	53
18731A04C5	29	30	49	59
18731A04C6	15	17	44	53
18731A04C7	22	25	47	55
18731A04C9	25	27	48	56
18731A04D0	17	19	44	53
18731A04D1	23	28	47	56
18731A04D2	20	29	48	56
18731A04D3	17	28	46	56
18731A04D4	18	24	47	55
18731A04D6	18	28	48	56
18731A04D7	23	29	48	57
18731A04D8	19	21	46	55
18731A04D9	15	17	45	53
18731A04E0	16	24	46	55
18731A04E1	22	27	47	57
18731A04E3	11	21	45	54
18731A04E5	16	23	45	53

HallTicket Number	15A04802 LOW POWER VLSI CIRCUITS & SYSTEMS	15A04804 RF INTEGRATED CIRCUITS	15A04806 TECHNICAL SEMINAR	15A04807 PROJECT WORK
18731A04E6	15	24	45	53
18731A04E7	27	30	49	59
18731A04E8	15	20	48	57
18731A04E9	12	20	44	50
18731A04F0	18	27	46	56
18731A04F1	12	19	42	43
18731A04F2	18	27	47	57
18731A04F3	17	27	47	55
18731A04F4	16	23	45	54
18731A04F5	15	21	45	56
18731A04F6	2	8	43	49
18731A04F7	18	25	46	55
18731A04F8	16	17	44	53
18731A04F9	22	29	47	58
18731A04G0	20	25	47	58
18731A04G1	23	27	46	55
18731A04G2	20	15	45	52
18731A04G3	25	25	47	58
18731A04G4	19	28	46	53
18731A04G5	19	**21**	44	55
18731A04G6	18	15	43	53
18731A04G7	24	22	47	56
18731A04G8	23	22	44	55
18731A04G9	20	19	44	48
18731A04H0	16	23	45	54
18731A04H2	21	20	46	52
18731A04H3	18	21	46	52
18731A04H4	19	26	46	56
18731A04H5	21	30	47	58
18731A04H6	19	22	47	56
18731A04H7	21	18	46	56
18731A04H8	19	17	46	55
18731A04H9	23	30	49	59
18731A04I0	28	30	48	59
18731A04I1	22	23	46	56

HallTicket Number	15A04802 LOW POWER VLSI CIRCUITS & SYSTEMS	15A04804 RF INTEGRATED CIRCUITS	15A04806 TECHNICAL SEMINAR	15A04807 PROJECT WORK
18731A04I2	23	28	47	57
18731A04I3	24	30	48	59
18731A04I5	10	13	45	43
18731A04I7	22	25	47	46
18731A04I8	23	28	47	56
18731A04I9	19	27	46	56
18731A04J0	20	23	47	57
18731A04J1	22	25	46	55
18731A04J3	16	25	47	56
18731A04J4	15	16	42	52
18731A04J5	21	25	45	54
18731A04J6	25	24	47	57
18731A04J7	19	17	44	54
18731A04J9	26	27	47	58
18731A04K0	27	30	49	59
18731A04K1	17	23	46	56
18731A04K2	14	18	44	50
18731A04K4	17	24	44	53
18731A04K5	24	26	47	57
18731A04K6	19	27	45	54
18731A04K8	25	28	50	59
18731A04K9	28	28	49	59
18731A04L0	20	26	47	58
18731A04L1	17	24	45	52
18731A04L2	28	30	49	58
18731A04L3	27	29	49	59
18731A04L4	16	16	43	50
18731A04L5	21	22	47	57
18731A04L6	18	22	43	53
19735A0401	24	30	50	60
19735A0402	26	30	48	57
19735A0403	25	24	48	56
19735A0404	25	30	47	55
19735A0405	30	28	49	59

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DEPT OF CSE
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SESSIONAL MARKS

SEMESTER-II
AY : 2021-2022

PARVATHAREDDY BABUL REDDY
VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE (AUTONOMOUS)
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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

AY:2021-2022

SESSIONAL MARKS

SEMESTER:II

CLASS : IV B.TECH

BATCH : 2018

Hall Ticket Number	15A05802#### MOBILE COMPUTING||	15A05805#### ENABLING TECHNOLOGIES FOR DATA SCIENCE ANALYTICS||	15A05808#### TECHNICAL SEMINAR||	15A05809#### PROJECT WORK||
17731A05F3	15	15	46	54
18731A0501	22	22	49	56
18731A0502	17	17	46	55
18731A0503	24	27	47	59
18731A0504	30	30	49	58
18731A0505	26	26	48	55
18731A0506	30	29	49	58
18731A0507	30	22	48	57
18731A0508	29	29	49	58
18731A0509	20	27	46	56
18731A0510	30	29	47	56
18731A0511	27	27	48	59
18731A0512	27	27	49	60
18731A0513	26	28	49	59
18731A0514	16	24	46	54
18731A0515	28	29	46	56
18731A0516	29	27	47	57
18731A0517	30	27	47	57
18731A0518	28	28	49	58
18731A0519	26	27	49	57
18731A0520	23	28	47	56
18731A0521	28	26	47	58
18731A0522	25	25	47	57
18731A0524	28	28	47	59
18731A0525	28	23	46	54
18731A0526	23	23	47	57
18731A0527	28	27	47	57

Hall Ticket Number	15A05802#### MOBILE COMPUTING||	15A05805#### ENABLING TECHNOLOGIES FOR DATA SCIENCE ANALYTICS||	15A05808#### TECHNICAL SEMINAR||	15A05809#### PROJECT WORK||
18731A0528	25	27	48	58
18731A0529	23	25	48	60
18731A0530	26	27	49	60
18731A0531	23	27	48	55
18731A0532	27	28	49	57
18731A0535	24	26	49	56
18731A0536	26	27	50	57
18731A0537	22	26	49	56
18731A0538	26	28	50	58
18731A0539	30	29	48	58
18731A0540	24	27	48	57
18731A0541	29	29	50	58
18731A0543	18	22	48	57
18731A0544	27	28	48	58
18731A0545	28	28	49	59
18731A0546	24	28	48	56
18731A0547	23	23	46	56
18731A0548	27	28	48	58
18731A0549	28	25	49	59
18731A0550	23	20	50	58
18731A0551	28	28	48	58
18731A0552	25	29	47	52
18731A0553	28	28	50	60
18731A0554	24	24	50	59
18731A0555	29	28	47	56
18731A0556	22	27	48	54
18731A0557	30	30	50	60
18731A0558	20	21	48	55
18731A0559	19	21	47	56
18731A0560	26	28	48	57
18731A0561	24	27	50	59
18731A0562	28	28	50	58
18731A0563	28	29	50	58
18731A0564	29	29	50	57
18731A0565	26	28	49	58
18731A0566	30	29	50	60
18731A0567	29	29	50	60

Hall Ticket Number	15A05802#### MOBILE COMPUTING||	15A05805#### ENABLING TECHNOLOGIES FOR DATA SCIENCE ANALYTICS||	15A05808#### TECHNICAL SEMINAR||	15A05809#### PROJECT WORK||
18731A0568	26	27	49	56
18731A0569	20	27	49	55
18731A0570	19	26	48	54
18731A0571	26	28	50	58
18731A0572	26	28	50	58
18731A0573	25	27	49	54
18731A0574	27	27	50	57
18731A0575	27	25	49	57
18731A0576	30	29	50	60
18731A0577	27	28	49	56
18731A0578	15	26	49	56
18731A0580	18	18	47	52
18731A0581	15	26	50	56
18731A0582	25	28	50	55
18731A0584	18	26	50	57
18731A0585	26	24	50	57
18731A0586	29	30	49	58
18731A0587	28	26	49	57
18731A0588	22	24	50	57
18731A0589	28	30	50	58
18731A0590	26	30	50	60
18731A0591	28	30	50	55
18731A0592	21	22	48	54
18731A0593	25	23	48	56
18731A0594	26	26	49	58
18731A0595	30	30	50	60
18731A0596	26	25	50	58
18731A0597	29	28	50	57
18731A0598	26	28	50	60
18731A0599	27	29	48	56
18731A05A0	27	26	47	55
18731A05A1	27	25	48	55
18731A05A3	8	0	20	24
18731A05A4	27	26	50	56
18731A05A5	17	18	49	55
18731A05A6	22	27	50	57
18731A05A8	20	26	50	59

Hall Ticket Number	15A05802#### MOBILE COMPUTING||	15A05805#### ENABLING TECHNOLOGIES FOR DATA SCIENCE ANALYTICS||	15A05808#### TECHNICAL SEMINAR||	15A05809#### PROJECT WORK||
18731A05A9	15	19	50	57
18731A05B0	22	19	48	54
18731A05B1	18	12	39	36
18731A05B2	30	22	48	54
18731A05B3	29	29	48	56
18731A05B4	25	28	50	59
18731A05B5	23	23	48	54
18731A05B7	24	28	50	58
18731A05b8	17	27	48	55
18731A05B9	26	28	48	56
18731A05C0	26	26	50	57
18731A05C1	21	26	47	56
18731A05C2	19	24	46	54
18731A05C3	20	19	46	54
18731A05C4	27	27	48	57
18731A05C5	21	25	48	57
18731A05C6	28	27	46	55
18731A05C7	22	25	46	57
18731A05C9	27	24	46	55
18731A05D0	24	24	47	55
18731A05D1	26	26	47	56
18731A05d3	17	24	47	56
18731A05D4	22	27	46	56
18731A05D5	15	15	46	54
18731A05d6	25	27	47	57
18731A05D7	21	21	47	54
18731A05D8	19	17	46	54
18731A05D9	23	20	46	54
18731A05E0	20	23	46	56
18731A05e1	24	27	47	57
18731A05E2	24	28	49	58
18731A05E3	18	22	46	56
18731A05E4	25	25	46	55
18731A05e6	30	21	46	55
18731A05E7	27	15	22	40
18731A05E8	22	24	46	54
18731A05E9	23	23	48	56

Hall Ticket Number	15A05802#### MOBILE COMPUTING||	15A05805#### ENABLING TECHNOLOGIES FOR DATA SCIENCE ANALYTICS||	15A05808#### TECHNICAL SEMINAR||	15A05809#### PROJECT WORK||
18731A05F0	22	23	50	60
18731A05F1	22	18	46	54
18731A05F2	23	21	49	58
18731A05F3	19	16	46	54
18731A05f4	21	26	48	57
18731A05F5	24	20	46	54
18731A05f6	19	23	50	55
18731A05F7	30	30	49	57
18731A05F8	29	22	46	56
18731A05F9	23	15	46	54
18731A05G0	15	18	22	48
18731A05G1	23	25	47	57
18731A05G2	25	27	49	58
18731A05G3	25	22	47	58
18731A05G4	16	18	46	54
18731A05G5	19	21	46	55
18731A05G8	21	15	43	48
18731A05G9	20	20	46	56
19735A0501	29	29	49	58
19735A0502	15	15	46	54

D. Jan

HEAD OF THE DEPARTMENT

Head of Department
COMPUTER SCIENCE ENGINEERING
PBR Visvodaya Institute of Technology & Science
KAVALI - 524 201, SPSR Nellore Dt.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SESSIONAL MARKS

ACADEMIC YEAR: 2021-2022 **CLASS : I/IV B.TECH** **SEMESTER: I**

S.NO	ROLL NUMBER	CALCULUS AND SPECIAL FUNCTIONS (21A110101)	APPLIED CHEMISTRY (21A110105)	C-PROGRAMMING & DATA STRUCTURES (21A050302)	APPLIED PHYSICS (21A110104)	ENGLISH FOR PROFESSIONALS (21A110202)	Engineering & IT Workshop (21A050301)	APPLIED CHEMISTRY LAB (21A110108B)	APPLIED PHYSICS LAB (21A110108A)	C-PROGRAMMING & DATA STRUCTURES LAB (21A050303)
1	21731A0501	30	30	28	30	30	30	25	30	30
2	21731A0502	23	27	18	22	27	28	25	29	26
3	21731A0503	30	22	22	25	26	27	24	29	29
4	21731A0504	28	28	22	26	27	28	25	30	26
5	21731A0505	19	16	13	14	26	29	22	27	19
6	21731A0506	24	17	12	19	22	28	23	28	24
7	21731A0507	21	27	16	24	24	30	24	29	28
8	21731A0508	30	30	30	30	30	30	28	30	30
9	21731A0509	22	27	23	26	28	27	26	29	27
10	21731A0510	30	27	26	29	30	30	28	29	30
11	21731A0511	30	30	25	26	29	29	25	30	28
12	21731A0512	30	28	30	27	30	30	26	30	30
13	21731A0513	20	13	11	20	21	29	24	28	19
14	21731A0514	30	22	19	21	28	29	22	28	28
15	21731A0515	30	30	30	30	30	30	29	30	29
16	21731A0516	30	30	29	30	30	30	29	30	30
17	21731A0517	29	30	21	25	29	29	27	29	29
18	21731A0518	25	22	20	21	25	25	19	28	25
19	21731A0519	30	30	30	27	30	29	30	30	27
20	21731A0520	28	30	22	28	30	30	27	30	27
21	21731A0521	16	19	13	13	23	27	22	28	24
22	21731A0522	30	30	30	29	30	30	28	30	29
23	21731A0523	27	23	21	24	26	29	23	29	21
24	21731A0524	30	30	29	28	30	30	28	30	29
25	21731A0525	30	28	26	27	28	28	28	30	28
26	21731A0526	30	30	29	30	30	30	27	30	30
27	21731A0527	16	19	16	17	28	29	27	28	29
28	21731A0528	28	29	25	28	30	27	25	30	29
29	21731A0529	23	20	18	19	24	29	24	29	28
30	21731A0530	30	28	28	27	30	28	28	28	29
31	21731A0531	17	20	15	19	16	27	21	29	24
32	21731A0532	30	29	28	28	30	30	28	30	30
33	21731A0533	28	27	21	25	24	30	30	30	29
34	21731A0534	17	16	16	19	22	27	25	29	25
35	21731A0535	25	25	22	24	28	30	26	29	24

S.NO	ROLL NUMBER	CALCULUS AND SPECIAL FUNCTIONS (21A110101)	APPLIED CHEMISTRY (21A110105)	C-PROGRAMMING & DATA STRUCTURES (21A050302)	APPLIED PHYSICS (21A110104)	ENGLISH FOR PROFESSIONALS (21A110202)	Engineering & IT Workshop (21A050301)	APPLIED CHEMISTRY LAB (21A110108B)	APPLIED PHYSICS LAB (21A110108A)	C-PROGRAMMING & DATA STRUCTURES LAB (21A050303)
36	21731A0536	30	24	22	25	28	29	29	28	29
37	21731A0537	28	23	22	24	27	26	27	27	28
38	21731A0538	30	27	29	28	30	27	30	29	30
39	21731A0539	30	30	30	29	30	29	29	30	30
40	21731A0540	30	30	30	27	30	29	24	29	30
41	21731A0541	29	27	27	25	30	30	28	30	26
42	21731A0542	30	30	30	29	30	30	28	29	30
43	21731A0543	30	30	28	29	30	29	29	30	30
44	21731A0544	29	26	27	23	30	29	26	29	29
45	21731A0545	30	30	28	29	30	29	27	30	29
46	21731A0546	29	28	26	26	30	27	29	28	27
47	21731A0547	29	28	25	27	30	28	29	29	27
48	21731A0548	15	12	17	14	23	25	26	25	16
49	21731A0549	28	25	22	25	26	29	29	29	26
50	21731A0550	26	26	23	25	26	29	30	30	30
51	21731A0551	26	26	23	30	30	30	29	30	30
52	21731A0552	30	26	25	22	28	30	26	29	29
53	21731A0553	29	27	23	27	30	29	29	29	26
54	21731A0554	22	13	21	19	26	28	26	28	28
55	21731A0555	24	18	21	19	25	29	26	28	25
56	21731A0556	21	8	15	17	19	28	25	28	19
57	21731A0557	30	30	29	29	29	30	29	30	28
58	21731A0558	30	28	30	30	30	29	29	30	29
59	21731A0559	27	26	24	27	28	29	27	29	25
60	21731A0560	21	16	19	23	25	29	26	29	27
61	21731A0561	17	18	19	21	22	28	26	27	25
62	21731A0562	17	12	17	18	24	28	26	28	24
63	21731A0563	30	26	23	26	30	29	30	29	30
64	21731A0564	22	17	20	16	24	27	26	25	25
65	21731A0565	30	29	30	29	30	28	30	30	30
66	21731A0566	24	24	17	22	26	30	25	27	24
67	21731A0567	17	15	8	16	26	26	19	28	25
68	21731A0568	22	13	17	16	19	28	24	29	25
69	21731A0569	18	17	19	22	24	27	23	28	27
70	21731A0570	18	23	20	20	25	27	30	29	28
71	21731A0571	25	29	28	24	30	29	26	28	30
72	21731A0572	19	20	22	22	26	26	24	28	25
73	21731A0573	2	7	2	14	21	27	23	26	23
74	21731A0574	16	20	18	22	25	29	27	27	25
75	21731A0575	25	24	22	21	29	27	27	28	30
76	21731A0576	30	28	28	26	29	28	27	30	30
77	21731A0577	17	21	15	17	27	26	24	28	29
78	21731A0578	24	20	27	21	30	29	23	27	29

S.NO	ROLL NUMBER	CALCULUS AND SPECIAL FUNCTIONS (21A110101)	APPLIED CHEMISTRY (21A110105)	C-PROGRAMMING & DATA STRUCTURES (21A050302)	APPLIED PHYSICS (21A110104)	ENGLISH FOR PROFESSIONALS (21A110202)	Engineering & IT Workshop (21A050301)	APPLIED CHEMISTRY LAB (21A110108B)	APPLIED PHYSICS LAB (21A110108A)	C-PROGRAMMING & DATA STRUCTURES LAB (21A050303)
79	21731A0579	19	18	22	19	29	28	26	28	27
80	21731A0580	28	26	26	25	30	26	21	30	29
81	21731A0581	28	27	23	27	27	27	23	29	27
82	21731A0582	26	27	23	22	28	28	29	30	24
83	21731A0583	22	20	11	21	29	29	26	29	27
84	21731A0584	30	26	28	28	30	27	24	30	28
85	21731A0585	9	11	6	9	22	23	21	27	25
86	21731A0586	30	28	28	29	28	27	29	30	27
87	21731A0587	28	26	22	26	26	29	30	30	29
88	21731A0588	17	17	17	20	23	24	30	29	26
89	21731A0589	30	25	28	25	30	28	29	29	29
90	21731A0590	16	12	17	16	21	29	23	28	24
91	21731A0591	26	22	23	21	29	27	26	29	30
92	21731A0592	21	17	21	22	28	29	24	29	28
93	21731A0593	29	24	27	26	30	27	22	29	28
94	21731A0594	12	10	6	15	19	29	20	27	19
95	21731A0595	19	18	21	22	26	28	25	30	25
96	21731A0596	29	22	28	21	29	28	29	29	29
97	21731A0597	11	17	12	10	23	25	22	26	27
98	21731A0598	28	23	22	19	27	27	23	28	26
99	21731A0599	28	25	25	26	29	27	23	30	26
100	21731A05A0	14	9	13	14	22	27	23	27	26
101	21731A05A1	30	27	25	29	30	28	29	30	29
102	21731A05A2	1	18	4	11	22	28	22	27	23
103	21731A05A3	26	28	24	26	28	30	25	30	26
104	21731A05A4	25	28	22	26	29	28	26	30	28
105	21731A05A5	29	21	21	24	25	25	28	29	25
106	21731A05A6	29	26	25	21	26	28	27	26	29
107	21731A05A7	24	21	24	22	28	29	27	30	28
108	21731A05A8	15	17	20	20	27	29	25	28	22
109	21731A05A9	28	23	22	22	29	29	25	29	26
110	21731A05B0	29	28	26	27	30	27	25	29	29
111	21731A05B1	29	21	21	24	28	30	24	28	27
112	21731A05B2	24	14	12	20	22	29	28	29	30
113	21731A05B3	4	4	4	5	18	26	16	25	15
114	21731A05B4	16	13	11	10	22	27	21	28	28
115	21731A05B5	28	22	24	23	27	29	21	29	28
116	21731A05B6	26	20	22	22	23	27	21	28	28
117	21731A05B7	20	21	20	23	26	28	22	30	28
118	21731A05B8	30	21	17	23	25	26	28	29	27
119	21731A05B9	10	5	3	4	16	26	22	28	23
120	21731A05C0	24	19	10	19	24	25	23	27	27
121	21731A05C1	27	18	17	16	26	28	27	30	29

S.NO	ROLL NUMBER	CALCULUS AND SPECIAL FUNCTIONS (21A110101)	APPLIED CHEMISTRY (21A110105)	C-PROGRAMMING & DATA STRUCTURES (21A050302)	APPLIED PHYSICS (21A110104)	ENGLISH FOR PROFESSIONALS (21A110202)	Engineering & IT Workshop (21A050301)	APPLIED CHEMISTRY LAB (21A110108B)	APPLIED PHYSICS LAB (21A110108A)	C-PROGRAMMING & DATA STRUCTURES LAB (21A050303)
122	21731A05C4	16	20	19	15	27	26	22	27	28
123	21731A05C5	18	11	16	20	16	27	21	29	25
124	21731A05C6	21	13	17	20	28	27	27	29	26
125	21731A05C7	30	30	28	28	30	29	30	30	28
126	21731A05C8	22	22	23	24	29	29	23	29	28
127	21731A05C9	29	29	28	27	30	29	27	30	30
128	21731A05D0	29	28	29	28	30	27	29	29	29
129	21731A05D1	27	24	21	20	28	29	26	27	21
130	21731A05D2	17	18	16	20	27	29	27	28	26
131	21731A05D3	6	5	4	7	23	22	19	25	20
132	21731A05D4	15	8	20	14	23	24	25	28	20
133	21731A05D5	25	20	28	21	26	24	28	27	26
134	21731A05D6	4	8	11	5	14	24	21	27	20
135	21731A05D7	30	25	26	27	30	30	26	30	29
136	21731A05D8	26	23	24	24	28	29	29	28	29
137	21731A05D9	19	9	6	9	22	20	21	26	22
138	21731A05E0	15	9	15	14	25	27	23	28	20
139	21731A05E1	25	24	27	25	29	25	22	27	24
140	21731A05E2	4	6	5	7	18	24	21	27	22
141	21731A05E3	18	14	16	11	23	24	26	27	25
142	21731A05E4	30	30	30	29	30	28	30	30	30
143	21731A05E5	4	6	10	9	17	25	23	26	24
144	21731A05E6	19	21	24	20	28	30	28	27	26
145	21731A05E7	30	27	27	28	29	30	27	28	30
146	21731A05E8	24	19	24	22	24	29	17	28	28
147	21731A05E9	20	23	27	24	26	29	23	27	29
148	21731A05F0	24	26	25	25	28	28	25	28	30
149	21731A05F1	29	26	30	24	26	28	24	30	30
150	21731A05F2	18	14	18	16	19	26	21	27	25
151	21731A05F3	19	15	20	22	18	26	21	26	24
152	21731A05F4	18	23	21	20	24	27	25	27	23
153	21731A05F5	15	14	18	16	24	25	27	26	23
154	21731A05F6	30	27	29	26	30	30	28	30	30
155	21731A05F7	11	11	15	14	20	27	25	27	28
156	21731A05F8	30	28	28	28	29	28	24	30	30
157	21731A05F9	26	26	26	20	28	26	26	25	25
158	21731A05G0	30	30	28	29	30	30	29	28	30
159	21731A05G1	19	18	17	19	23	27	22	24	25
160	21731A05G2	26	28	29	28	30	30	24	30	30
161	21731A05G3	25	22	21	23	26	30	24	27	30
162	21731A05G4	18	20	21	18	20	25	21	26	24
163	21731A05G5	17	14	15	9	20	28	22	24	21
164	21731A05G6	29	27	30	28	30	30	30	30	30

S.NO	ROLL NUMBER	CALCULUS AND SPECIAL FUNCTIONS (21A110101)	APPLIED CHEMISTRY (21A110105)	C-PROGRAMMING & DATA STRUCTURES (21A050302)	APPLIED PHYSICS (21A110104)	ENGLISH FOR PROFESSIONALS (21A110202)	Engineering & IT Workshop (21A050301)	APPLIED CHEMISTRY LAB (21A110108B)	APPLIED PHYSICS LAB (21A110108A)	C-PROGRAMMING & DATA STRUCTURES LAB (21A050303)
165	21731A05G7	28	28	28	27	29	29	27	26	29
166	21731A05G8	23	22	22	24	28	29	26	26	28
167	21731A05G9	21	20	28	24	24	27	23	24	28
168	21731A05H0	4	9	9	7	19	24	23	25	25
169	21731A05H1	21	18	23	24	27	30	30	27	29
170	21731A05H2	25	20	25	24	22	27	22	25	25
171	21731A05H3	27	27	27	28	28	29	28	28	29
172	21731A05H4	7	5	15	8	17	23	24	24	25
173	21731A05H5	17	15	17	15	20	26	24	27	22
174	21731A05H6	23	21	21	20	23	27	23	27	23
175	21731A05H7	13	11	18	14	21	24	24	21	24
176	21731A05H8	20	14	17	11	23	27	18	24	25
177	21731A05H9	19	15	22	17	21	28	25	26	24
178	21731A05I0	29	25	30	24	27	28	23	29	27
179	21731A05I1	15	8	14	14	20	27	25	24	23
180	21731A05I2	13	17	19	15	24	28	24	26	23
181	21731A05I3	9	10	9	17	18	27	27	26	24
182	21731A05I4	30	28	30	30	29	30	30	30	30
183	21731A05I5	19	10	21	4	22	25	23	27	26
184	21731A05I6	8	7	4	5	13	25	21	25	20
185	21731A05I7	20	11	15	7	20	22	17	23	20
186	21731A05I8	30	30	30	29	30	30	26	30	30
187	21731A05I9	25	22	25	20	23	28	25	27	26
188	21731A05J0	26	22	22	22	23	28	24	26	28
189	21731A05J1	15	9	6	9	20	22	23	24	25
190	21731A05J2	29	26	28	27	28	30	30	30	30
191	21731A05J3	26	17	12	14	27	28	27	26	27
192	21731A05J4	22	17	23	14	26	28	23	27	27
193	21731A05J5	21	17	23	24	28	27	22	24	28
194	21731A05J6	21	21	20	19	23	27	22	26	25
195	21731A05J7	9	14	15	11	19	25	20	25	24
196	21731A05J8	27	20	23	20	25	29	24	28	27

D. Jan

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