$\underline{GROUP\ ACTIVITY-(B21+B22+B23)}$

S/NO.	GROUP NO.	O. REGISTER NAME		Topic	Date of Presentation			
1.		20BCE10242	Sagar Dubey					
2.	D24 /D22 /D22	20BCE10050 Shubham Kumar						
3.	BZ1/BZZ/BZ3- 1	B21/B22/B23- 1 20BCE10243 Jhankar Narang 20BCE10236 Neelesh Shukla		Α				
4.	1							
5.		20BCE10502	Naman Hiran					
6.		20BCE10692	Chirag Singh					
7.		20BCE10337	Gaurav Katiyar					
8.	B21/B22/B23-	20BCE10348	Aman Raza	B and C				
9.	2 ′	20BCE10854	Vaishnavi Pandit		16/12/2021			
10.		20BCE10889	Tanya Katiyar					
11.		20BCE10303	Kaustubh Pandey					
12.		20BCE10594	Athary Atre					
13.		20BCE10600	Naman Rawat					
14.	B21/B22/B23-		20BCE10900	Ishika Jain	D and E			
15.	3	20BCE10904	Sarthak Narain					
16.		20BCE10730	Shradhha choudhary					
17.		20BCE11012	Anurag Kumar		_			
18.		20BCE11013	Risha Rahaman					
19.	B21/B22/B23-	20BCE11014	Subhransu Majhi					
20.	4	20BCE11016	Ansh Chauhan	F F				
21.		20BCE11023	Subh Pathak					
22.		20BCE10851	Bhumika Sethi					
23.		20BCE11114	Tithi Patel					
24.		20BCE10420	Palak Garg					
25.	B21/B22/B23-	20BCE11067	Arkojyoti Dey	G	20/12/2021			
26.	5	20BCE10229	Treesa James					
27.		20BCE11074	VISHAL		20/12/2021			
28.		20BCE10917	Swasti Trivedi					
29.		20BCE11094	Pranav vyas					
30.		20BCE10765	Gunjan Agarwal					
31.	1	20BCE10897	Rudra Dubey					
32.	B21/B22/B23-	20BCE11044	Pratik Agarwal	Н				
33.	6	20BCE10886	Rishav Ranjan					
34.		20BCE10122	Souradip Ghosh					
35.		20BCE10207	Chirag Ailani					
36.		20BCE10849	Akshit Choudhary					

37. 38. 39. 40. 40. 7 20BCE10091 AARUSHI JAIN 20BCE10232 RAAZ MAURYA 20BCE10222 RAAZ MAURYA 20BCE10256 AYUSH BHATT 20BCE10256 AYUSH BHATT 20BCE10276 CHAKSHU SHIAKTAWAT 20BCE10376 CHAKSHU SHIAKTAWAT 20BCE10404 SHREYANSH PANDEY 20BCE10404 SHREYANSH PANDEY 20BCE10404 SHREYANSH PANDEY 20BCE10406 ARNAN SHARMA 20BCE10406 ARNAN SHARMA 20BCE10406 ARNAN SHARMA 20BCE10707 CHAKSHU SHIAKTAWAT 20BCE10409 ARNAN SHARMA 20BCE10409 ARNAN SHARMA 20BCE10409 ARNAN SHARMA 20BCE10707 CHAKSHU SHIAKTAWAT CHAKSHU SHI						
38. 39. 40. 7 20BCE10091 AARUSHI JAIN 20BCE10092 SUGANDHA KUMARI 20BCE10232 RAAZ MAURYA 20BCE10235 RAZ MAURYA 20BCE10236 AYUSH BHATT 20BCE102300 ISHA DWIVEDI 20BCE10376 CHAKSHU SHAKTAWAT 20BCE10404 SHREYANSH PANDEY 20BCE10404 SHREYANSH PANDEY 20BCE10404 SHREYANSH PANDEY 20BCE10404 SHREYANSH PANDEY 20BCE10409 KARAN JADHAV 20BCE10409 KARAN JADHAV 20BCE10607 SARTHAK SINGH JAMOD 20BCE10607 DEV KUMAR PROBLEM PR	37.		20BCE10077	FIZA SIDDIQUI		
40. 41. 20BCE10102 SUGANDHA KUMARI 20BCE10232 RAAZ MAURYA 20BCE10256 AYUSH BHATT 20BCE10256 AYUSH BHATT 20BCE10300 ISHA DWIVEDI 20BCE10376 CHAKSHU SHAKTAWAT 20BCE10376 CHAKSHU SHAKTAWAT 20BCE10404 SHREYANSH PANDEY 20BCE10404 SHREYANSH PANDEY 20BCE10404 SARTHAK SINGH JAMOD 20BCE10607 SARTHAK SINGH JAMOD 20BCE10607 SARTHAK SINGH JAMOD 20BCE10609 GEVARIYA KELVIN B21/B22/B23 20BCE10707 DEV KUMAR DEVANSH MANI 20BCE10727 DEEPAK MAURYA DEEPAK	38.	B21/B22/B23-		AARUSHI JAIN		
A1.	39.		20BCE10093	ANANYA PRASAD	B and C	
42. 20BCE10256 AYUSH BHATT	40.	7	20BCE10102	SUGANDHA KUMARI		
43. 20BCE10272 KUNAL YADAV 20BCE10300 ISHA DWIVEDI	41.		20BCE10232	RAAZ MAURYA		
A4.	42.		20BCE10256	AYUSH BHATT		
A5. B21/B22/B23- 20BCE10376 CHAKSHU SHAKTAWAT 20BCE10404 SHREYANSH PANDEY 20BCE10404 SHREYANSH PANDEY 20BCE10426 ANANYA SHARMA 20BCE10499 KARAN JADHAV	43.		20BCE10272	KUNAL YADAV		22/12/2021
46.	44.		20BCE10300			
47. 20BCE10426 ANANYA SHARMA 20BCE10499 KARAN JADHAV	45.		B21/B22/B23- 20BCE10376 CHAKSHU SHAKTAWAT		D and E	
48. 20BCE10499 KARAN JADHAV	46.		' '			
49. 50. 51. 52. 53. 54. 20BCE10707 DEV KUMAR 20BCE10727 DEEPAK MAURYA DEVANSH MANI 20BCE10727 DEEPAK MAURYA DEVANSH MANI 20BCE10727 DEEPAK MAURYA DEVANSH MANI 20BCE10844 VARUN MISHRA 20BCE10891 NIRAJ YOGESH WANI 20BCE10892 DEEPANSHU PANDEY 20BCE10918 RANJAN SHRESTHA DEVANSH MANI 20BCE10918 RANJAN SHRESTHA DEVANSH MANI 20BCE11018 BHUVAN SOOD 20BCE11018 BHUVAN SOOD 20BCE11018 BHUVAN SOOD 20BCE11085 KARTIKEY SHARMA 20BCE11085 KARTIKEY SHARMA 20BCE11010 SHUBHI AGRAWAL DEVANSH BACHCHIS 20BCG10042 PRIYANSH BACHCHIS 20BCG10049 PRADUMN PATEL 20BCG10049 PRADUMN PATEL 20BCG10049 PRADUMN PATEL 20BCG10049 PRADUMN PATEL 20BCG10045 JEWEL ALEXANDER THOMAS	47.	20BCE10426 ANANYA SHARMA				
So. So.	48.		20BCE10499	KARAN JADHAV		
S1. B21/B22/B23- 20BCE10705 DEV KUMAR 20BCE10707 HARSH ARORA 20BCE10710 DEVANSH MANI 20BCE10727 DEEPAK MAURYA	49.		20BCE10607	SARTHAK SINGH JAMOD		-
S2. 9 20BCE10707 HARSH ARORA 20BCE10710 DEVANSH MANI 20BCE10727 DEEPAK MAURYA	50.		20BCE10609	GEVARIYA KELVIN		
S2. 9 20BCE10707 HARSH ARORA 20BCE10710 DEVANSH MANI 20BCE10727 DEEPAK MAURYA 54. 20BCE10727 DEEPAK MAURYA 55. 56. 20BCE10738 AADITYA SREENIVASAN 20BCE10778 HARSH KUMAR CHANDRAVANSHI 20BCE10844 VARUN MISHRA 20BCE10891 NIRAJ YOGESH WANI 20BCE10892 DEEPANSHU PANDEY 20BCE10918 RANJAN SHRESTHA 20BCE10918 RANJAN SHRESTHA 20BCE11018 BHUVAN SOOD 20BCE11018 BHUVAN SOOD 20BCE11018 BHUVAN SOOD 20BCE11050 ATHULDEV KP 20BCE11065 VIPUL KUMAR DUDANI 20BCE11085 KARTIKEY SHARMA 20BCE11110 SHUBHI AGRAWAL A 20BCG10042 PRIYANSH BACHCHIS 20BCG10049 PRADUMN PATEL A 20BCG10075 JEWEL ALEXANDER THOMAS	51.	B21/B22/B23-	20BCE10705	DEV KUMAR	F	
S4. 20BCE10727 DEEPAK MAURYA	52.		20BCE10707	HARSH ARORA] r	
Solution	53.	20BCE10710 DEVANSH MANI		DEVANSH MANI		
S6. S7. S7. S8. S8. S9. S9.	54.		20BCE10727	DEEPAK MAURYA		
S7. B21/B22/B23- 10 20BCE10844 VARUN MISHRA 20BCE10891 NIRAJ YOGESH WANI 20BCE10892 DEEPANSHU PANDEY 20BCE10918 RANJAN SHRESTHA	55.		20BCE10738	AADITYA SREENIVASAN		
S7. B21/B22/B23- 20BCE10844 VARUN MISHRA 20BCE10891 NIRAJ YOGESH WANI 20BCE10892 DEEPANSHU PANDEY 20BCE10918 RANJAN SHRESTHA	56.		/NRC&107/78			
The color of the	E 7		CHANDRAVANSHI 20BCE10844 VARUN MISHRA G			
59. 20BCE10892 DEEPANSHU PANDEY 20BCE10918 RANJAN SHRESTHA						
60. 20BCE10918 RANJAN SHRESTHA 61. 20BCE10955 DAKSH RINWAN 20BCE11018 BHUVAN SOOD 63. B21/B22/B23- 64. 11 20BCE11065 VIPUL KUMAR DUDANI 20BCE11085 KARTIKEY SHARMA 20BCE11110 SHUBHI AGRAWAL 67. 68. B21/B22/B23- 12 20BCG10049 PRADUMN PATEL 20BCG10075 JEWEL ALEXANDER THOMAS				· · · · · · · · · · · · · · · · · · ·		
61. 62. 63. 64. 65. 66. 66. 67. 68. 69. 821/822/823- 12 20BCE10955 DAKSH RINWAN 20BCE11018 BHUVAN SOOD ATHULDEV KP 20BCE11050 ATHULDEV KP 20BCE11065 VIPUL KUMAR DUDANI 20BCE11085 KARTIKEY SHARMA 20BCE11110 SHUBHI AGRAWAL A 20BCG10042 PRIYANSH BACHCHIS 20BCG10049 PRADUMN PATEL 20BCG10075 JEWEL ALEXANDER THOMAS		-				
62. 63. 64. 65. 66. 67. 68. 69. 821/B22/B23- 12 20BCE11018 20BCE11050 ATHULDEV KP 20BCE11065 VIPUL KUMAR DUDANI 20BCE11085 KARTIKEY SHARMA 20BCE11110 SHUBHI AGRAWAL A 20BCG10042 PRIYANSH BACHCHIS 20BCG10049 PRADUMN PATEL 20BCG10075 JEWEL ALEXANDER THOMAS				·		1
63. B21/B22/B23- 64. 11 20BCE11050 ATHULDEV KP 20BCE11065 VIPUL KUMAR DUDANI 20BCE11085 KARTIKEY SHARMA 20BCE11110 SHUBHI AGRAWAL 67. 68. 69. B21/B22/B23- 12 20BCG10042 PRIYANSH BACHCHIS 20BCG10049 PRADUMN PATEL 20BCG10075 JEWEL ALEXANDER THOMAS						
63. B21/B22/B23- 20BCE11050 ATHULDEV RP 64. 11 20BCE11065 VIPUL KUMAR DUDANI 65. 20BCE11085 KARTIKEY SHARMA 20BCE11110 SHUBHI AGRAWAL 67. 20BCG10042 PRIYANSH BACHCHIS 68. B21/B22/B23- 20BCG10049 PRADUMN PATEL 69. B21/B22/B23- 12 JEWEL ALEXANDER THOMAS		-				23/12/2021
64. 11 20BCE11065 VIPUL KUMAR DUDANI 65. 20BCE11085 KARTIKEY SHARMA 66. 20BCE11110 SHUBHI AGRAWAL 67. 20BCG10042 PRIYANSH BACHCHIS 20BCG10049 PRADUMN PATEL A 20BCG10075 JEWEL ALEXANDER THOMAS		1			Н	
66. 20BCE11110 SHUBHI AGRAWAL 67. 20BCG10042 PRIYANSH BACHCHIS 20BCG10049 PRADUMN PATEL 20BCG10075 JEWEL ALEXANDER THOMAS		11				
67. 68. 69. B21/B22/B23- 12 COBCG10042 PRIYANSH BACHCHIS 20BCG10049 PRADUMN PATEL 20BCG10075 JEWEL ALEXANDER THOMAS A		-				
68. 69. B21/B22/B23- 12 20BCG10049 PRADUMN PATEL 20BCG10075 JEWEL ALEXANDER THOMAS	66.		20BCE11110	SHUBHI AGRAWAL		_
69. B21/B22/B23- 12 20BCG10075 JEWEL ALEXANDER THOMAS	67.		20BCG10042	PRIYANSH BACHCHIS]
69. 12 20BCG10075 JEWEL ALEXANDER THOMAS	68.	D21 /D22 /D22	20BCG10049 PRADUMN PATEL		Α	
	69.	1	20BCG10075	1 *		
	70.		20BCG10107		<u> </u>	

Presentation must include/cover following topics under different headings apart from your own context if you add to start, explain and conclude:

- A) RAID:
 - a. RAID 0
 - b. RAID 1
 - c. RAID 5
 - d. RAID 10
- B) File Management
 - a. What is file
 - b. File Attribute
 - c. Operations on the file
 - d. Issues handled in File Management
- C) File Access Method:
 - a. Sequential Access
 - b. Direct Access
 - c. Indexed Access
- D) File Allocation Methods
 - a. Contiguous Allocation
 - b. Linked Allocation
 - c. FAT
 - d. Inode
- E) Directory:
 - a. What is Directory
 - b. Operations on Directory
 - c. Directory structure (levels)
 - i. Single level
 - ii. Two level
 - iii. Tree structured
- F) I/O System:
 - a. I/O Bus Structure
 - b. Isolated Vs. Memory mapped I/O
 - c. Programmed I/O
 - d. Interrupt Initiated
 - e. DMA
 - f. I/O Processor
- G) System Protection:6
 - a. Goals of Protection
 - b. Principles of Protection
 - c. Domain of Protection
 - d. Access Matrix for Protection
 - e. Possible Implementation of Access Matrix
 - f. Access Control

- H) System Security:
 - a. Security Problem
 - b. Security Measures levels
 - c. Program threats:
 - i. Trojan Horse
 - ii. Viruses
 - iii. Trap Door
 - iv. Logic Bomb
 - d. System and Network Threats
 - i. Worms
 - ii. Denial of Service

Marks division based on your presentation:

Group No.	Reg. No.	Name	Topic	Presentation Date	Introduction	Information accuracy	logical Seq.	material	conclusion	timing	communication	query handling	delivery	Total
Marks:					5	10	5	10	5	5	10	5	5	60