

GROUP ACTIVITY – (B21+B22+B23)

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

37.	B21/B22/B23-7	20BCE10077	FIZA SIDDIQUI	B and C	22/12/2021
38.		20BCE10091	AARUSHI JAIN		
39.		20BCE10093	ANANYA PRASAD		
40.		20BCE10102	SUGANDHA KUMARI		
41.		20BCE10232	RAAZ MAURYA		
42.		20BCE10256	AYUSH BHATT		
43.	B21/B22/B23-8	20BCE10272	KUNAL YADAV	D and E	
44.		20BCE10300	ISHA DWIVEDI		
45.		20BCE10376	CHAKSHU SHAKTAWAT		
46.		20BCE10404	SHREYANSH PANDEY		
47.		20BCE10426	ANANYA SHARMA		
48.		20BCE10499	KARAN JADHAV		
49.	B21/B22/B23-9	20BCE10607	SARTHAK SINGH JAMOD	F	
50.		20BCE10609	GEVARIYA KELVIN		
51.		20BCE10705	DEV KUMAR		
52.		20BCE10707	HARSH ARORA		
53.		20BCE10710	DEVANSH MANI		
54.		20BCE10727	DEEPAK MAURYA		
55.	B21/B22/B23-10	20BCE10738	AADITYA SREENIVASAN	G	
56.		20BCE10778	HARSH KUMAR CHANDRAVANSHI		
57.		20BCE10844	VARUN MISHRA		
58.		20BCE10891	NIRAJ YOGESH WANI		
59.		20BCE10892	DEEPANSHU PANDEY		
60.		20BCE10918	RANJAN SHRESTHA		
61.	B21/B22/B23-11	20BCE10955	DAKSH RINWAN	H	
62.		20BCE11018	BHUVAN SOOD		
63.		20BCE11050	ATHULDEV KP		
64.		20BCE11065	VIPUL KUMAR DUDANI		
65.		20BCE11085	KARTIKEY SHARMA		
66.		20BCE11110	SHUBHI AGRAWAL		
67.	B21/B22/B23-12	20BCG10042	PRIYANSH BACHCHIS	A	
68.		20BCG10049	PRADUMN PATEL		
69.		20BCG10075	JEWEL ALEXANDER THOMAS		
70.		20BCG10107	SURAJ SINGH CHAHAR		

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:

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