

M Shopkat  
SP22-BSE-032  
Quiz # 04  
Principles of OS  
26 May 2023

Q1:-

	A	B	C	D
P <sub>1</sub>	9	5	5	5
P <sub>2</sub>	2	2	3	3
P <sub>3</sub>	7	5	4	4
P <sub>4</sub>	3	3	3	2
P <sub>5</sub>	5	2	2	1
P <sub>5</sub>	4	4	4	4

Maximum demand

	P	D	C	D	H	B	C	P
P <sub>0</sub>	2	0	2	1	7	5	3	4
P <sub>1</sub>	0	1	1	1	2	1	2	2
P <sub>2</sub>	4	1	6	2	3	4	4	2
P <sub>3</sub>	1	0	0	1	2	3	3	1
P <sub>4</sub>	1	1	0	0	4	1	2	1
P <sub>5</sub>	1	0	1	1	3	4	3	3

Current Allocation      Need Matrix

= Max-demand - current Allocation

## (ii) Available Array

6	3	5	4
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Available Array

Resource Vector =

15	6	9	8
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