

ASSESSMENT TEST 2

INSTRUCTIONS: Answer all Questions

(30 marks)

1. Differentiate between the second and the third condition for deadlock **(3 marks)**
2. Differentiate using their drawbacks the difference between contiguous and non-contiguous storage **(4 marks)**
3. Discuss two strategies of the four properties of system survivability **(5 marks)**
4. Given the following jobs, use the SRT algorithm to show the timeline **(6 marks)**

Job	CPU Cycle	Arrival Time
A	8	0
B	6	1
C	2	2
D	4	3

5. Discuss three advantages that the Symmetric Configuration has over the loosely coupled configuration **(6 marks)**
6. Using examples of devices, differentiate between the dedicated, shared and virtual devices **(6 marks)**