4.

Activity	Immediately preceding activities
A	-
B	-
C	-
D	A
E	A, B, C
F	A, B, C
G	C
H	D, E, F
I	F
J	F, G
K	F, G

(a) Draw the activity network described in the precedence table above, using activity on arc and the minimum number of dummies.

(5)

Given that

- activity D has a duration of 2 hours
- activity I has a duration of 2 hours
- every other activity has a duration of 1 hour
- D and I are critical activities

(b) determine which other activities are critical.

(1)

(Total for Question 4 is 6 marks)



4.

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA
DO NOT WRITE IN THIS AREA
DO NOT WRITE IN THIS AREA

Question 4 continued

(Total for Question 4 is 6 marks)