2.

Activity	Immediately preceding activities
A	–
B	–
C	–
D	A
E	A
F	A, B, C
G	A, B, C
H	C
I	G, H
J	E, F, I
K	D, J
L	E, F, I
M	G, H
N	G, H

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

(5)

Given that all of the activities have the same duration,

(b) determine the critical activities.

(2)

(Total for Question 2 is 7 marks)