

Centre No	Candidate No	Surname and Initials (Block Letters)

Question 1 to be answered on this page

(a)

	Office	Room A	Room B	Room C	Room D	Room E
Office	–	8	16	12	10	14
Room A	8	–	14	13	11	9
Room B	16	14	–	12	15	11
Room C	12	13	12	–	11	8
Room D	10	11	15	11	–	10
Room E	14	9	11	8	10	–

Order of selecting edges

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Final tree

(b) Minimum total length of cable

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Question 4 to be answered on this page

(a) A ●

● Monday (M)

B ●

● Tuesday (Tu)

C ●

● Wednesday (W)

D ●

● Thursday (Th)

E ●

● Friday (F)

(b)

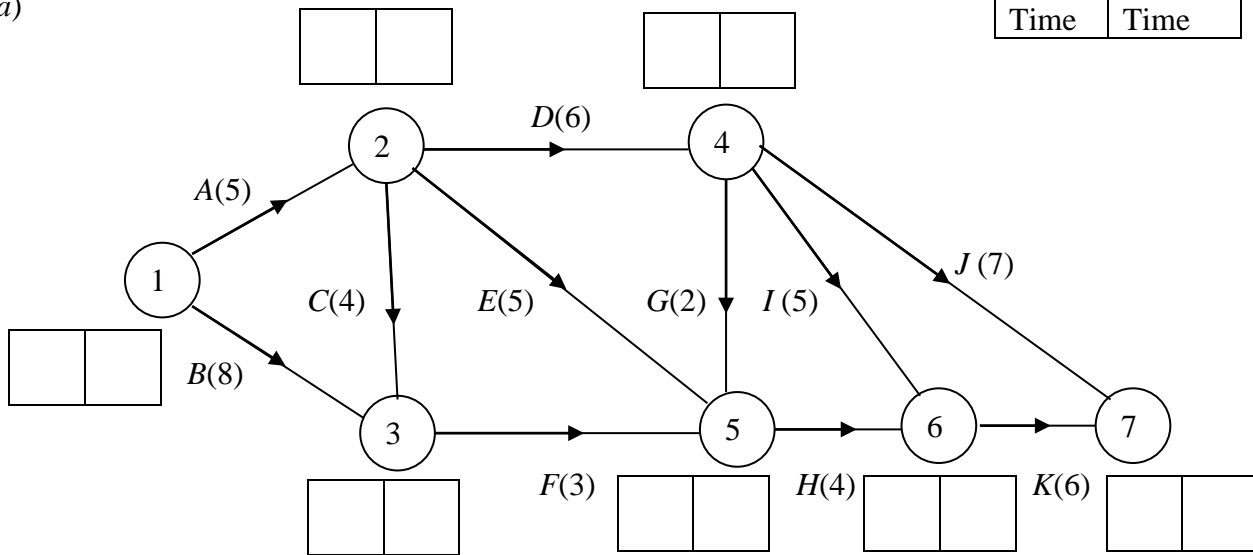
(c)

Question 5 to be answered on this page

Key

Early Time	Late Time
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(a)



(b)

Critical activities.....

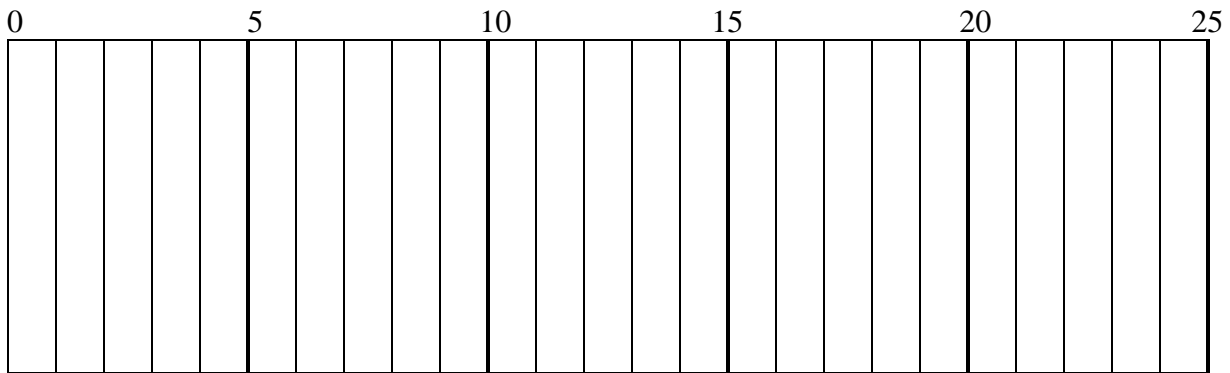
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Length of critical path.....

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(c)



Question 6 to be answered on pages 4 and 5

- (a) (i) SAET.....
(ii) SBDT.....
(iii) SCFT.....

(b)

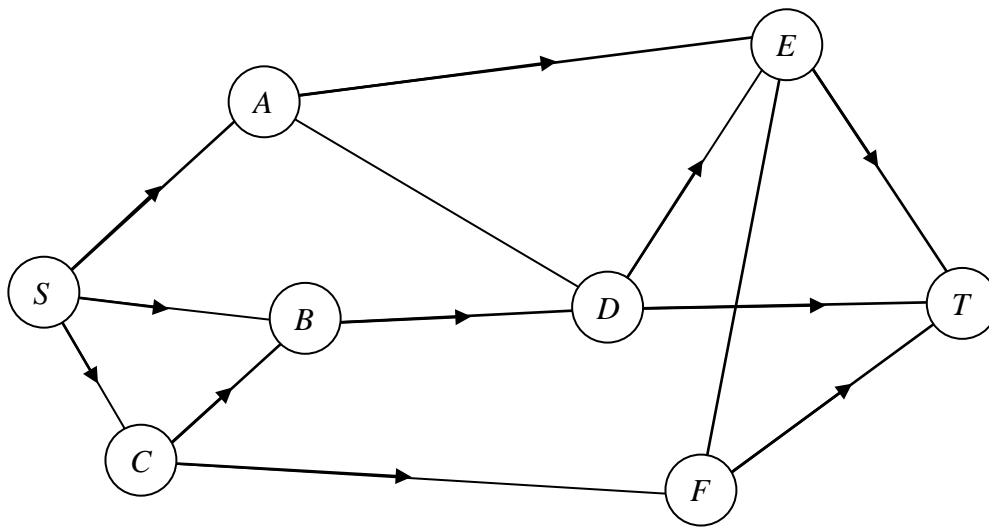


Diagram 1

(c)

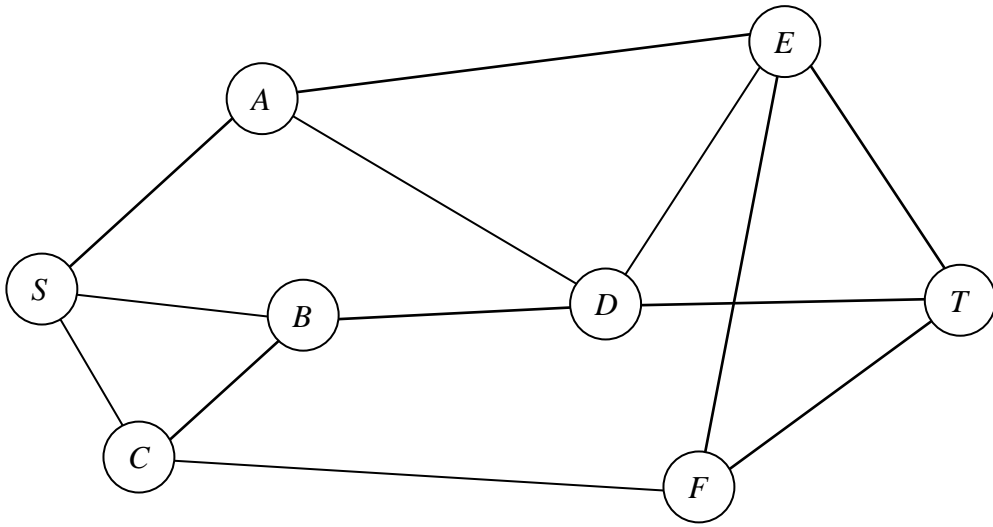


Diagram 2

Flow augmenting routes

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(d)

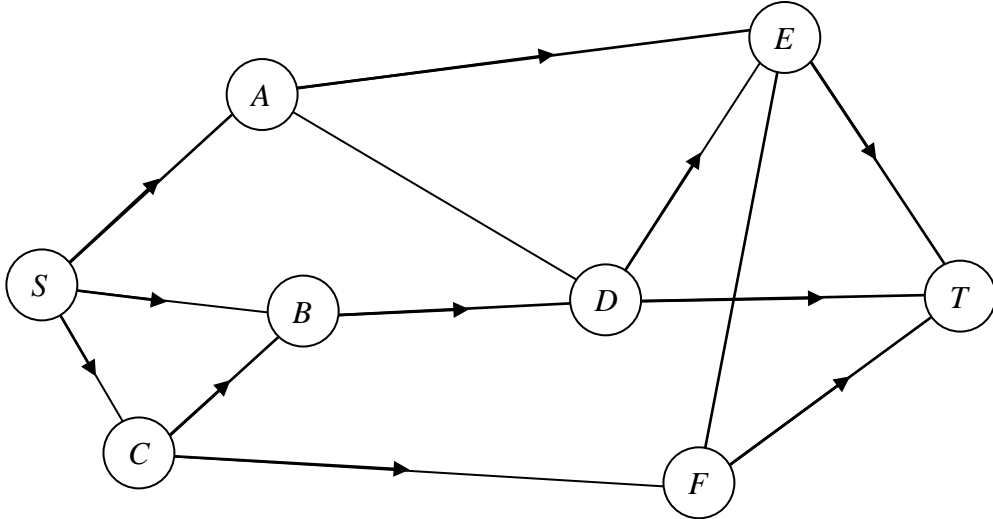


Diagram 3

(e).....

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