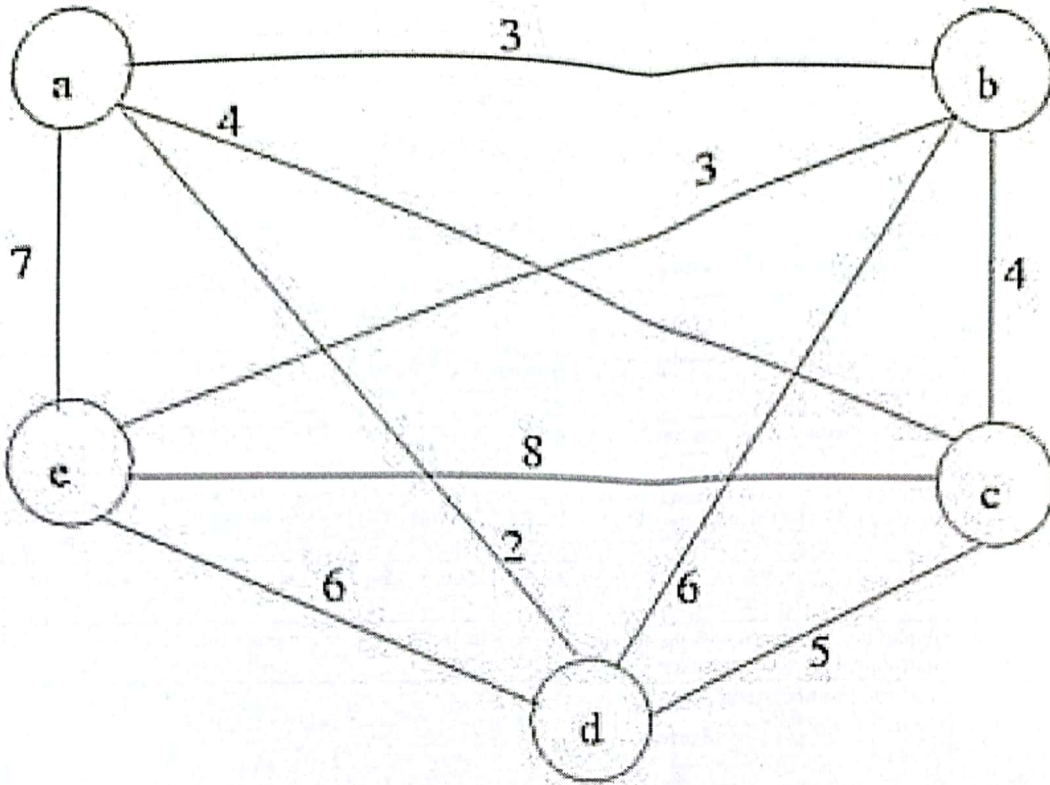




15. Solve the following instance of Traveling Salesperson Problem using Branch and Bound method.



choice Q-16	15Marks	CO4
	15Marks	CO4
	8Marks	CO4
	7Marks	CO4

16. Answer the following questions:

16.A. State and Prove the Cook's theorem.

16.B. Examine that the formula  $F=(X1 \vee X2 \vee X3) \wedge (X1 \vee X2 \vee X3) \wedge (X1 \vee X2 \vee X3)$  has solution of cost at most n.

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