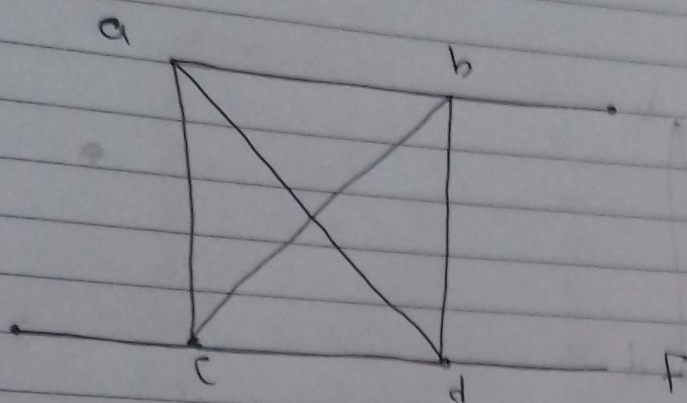


Date: ...../...../20.....

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Ans No 5:

(i)



This is not a hamiltonian circuit. Because once we travel vertices a, b, c, and d there is no way to return to a, b, c, and d.

Hamiltonian circuit as the circuit as the circuit will pass through all vertices exactly once.

Hamiltonian circuit not exist.