

St. Mira's College for Girls, Pune
(Autonomous-Affiliated to Savitribai Phule Pune University)
Class: FYBSC Computer Science

Subject: Graph Theory

Subject Code: BS21503

Semester: II

Year: 2018-19

1. Unit No.: 2
2. Employability/Entrepreneurship/Skill development
Skill Development : Problem Solving, computing skills
3. Test on Connected graphs – Connected Graphs - helps in problem solving, decision making

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Roll No. : 5412.

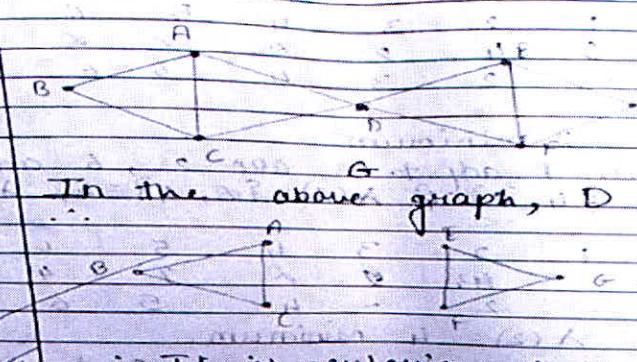
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Find vertex connectivity and edge connectivity



Ans. In the above graph,
edge connectivity is 3
vertex connectivity is 2

Ans. In the above graph, D is a cut vertex.



Ans. It is a cutedge but not a bridge.

Ans. The bridges in the graph are edges e5, e6, e7, e8.



Principal in charge
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Subject Teacher