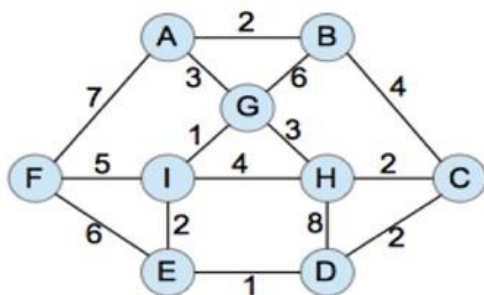
		BMS COLLEGE OF ENGINEERING, BANGALORE-19 (Autonomous College under VTU)				AAT				
Name of the Candidate:			Semester: III		Sec :		Date:			
Department:			USN							
Course Title : Statistics and Discrete Mathematics			Course code		22MA3BSSDM					
Marks (10) :		Signature of the FIC				Signature of the student				

ANSWER ALL QUESTIONS.
ALL QUESTIONS CARRY EQUAL MARKS

- 1) Find the minimum spanning tree of the given graph using Kruskal's algorithm and write its weight.



- 2) A shop has 4 diesel generator sets which it hires every day. The demand for a gen set on an average is a Poisson variable with value $5/2$. Obtain the probability that on a particular day.
- There was no demand.
 - A demand is refused.