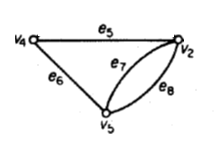
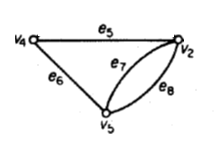


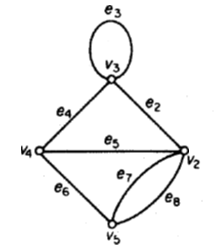
**1-)a) Ordem de H igual a 3**



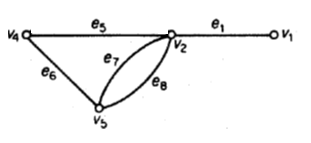
**b-) Tamanho de H igual a 7**



**c-) grau-mínimo(H)=2**

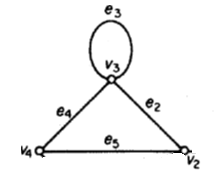


**d-) grau-máximo(H)=3**



**2. Considerando Y = { v2, v3, v4 }, apresente:**

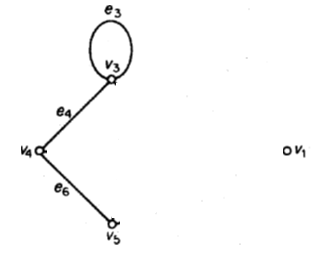
**a) G[Y].**

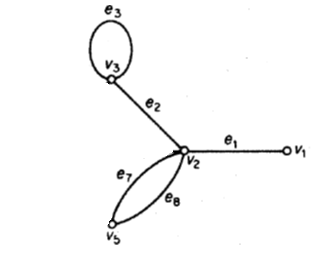
****

**b) G-Y.**

****

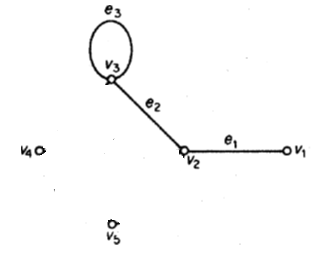
**c) G- v2.**

****

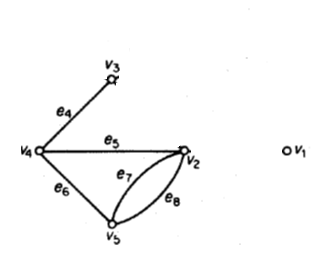
**d) G- v4.**

**3. Considerando K = { e1, e2, e3 }, apresente:**

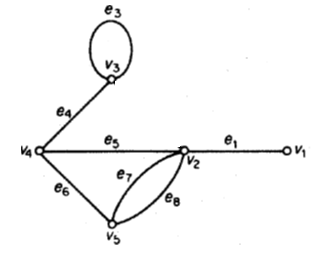
**a) G[K].**

****

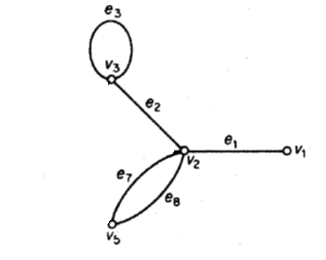
**b) G-K.**

****

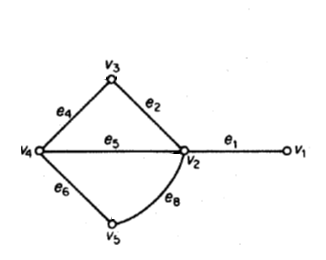
**c) G- e2.**

****

**d) G- v4.**

****

**4. Apresente um subgrafo gerador H de G tal que H seja um grafo simples.**

****

**5. Apresente um subgrafo gerador H de G tal que sua quantidade de arestas seja mínima e que, para qualquer par { x, y } de vértices de H, exista um caminho de x para y.**

**6. Apresente o complemento do grafo apresentado no exercício 1.**

**7. Apresente uma trilha em G com comprimento igual a 5.**

P = (v1,e1,v2,e2,v3,e3,v3,e4,v4)