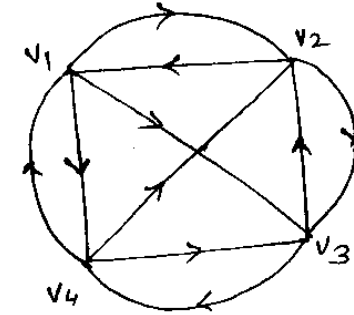
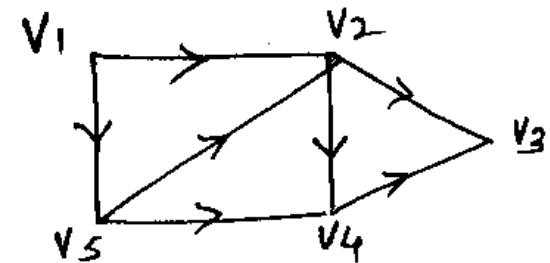


(d) Give linked representation of following graph.



5

5. (a) Write an algorithm to search a given element in the double linked list. $2\frac{1}{2}$
- (b) Write an algorithm for calculating the factorial of a given number. $2\frac{1}{2}$
- (c) Explain overflow condition and underflow condition in queue. $2\frac{1}{2}$
- (d)



Write different paths for vertex V_1 to vertex V_3 . $2\frac{1}{2}$