Course: CSE:221, Sec-1, Quiz: 2, Time: 15 Minutes

[ 5 + 7 + 3 = 15 ]

Answer the following queries based on the above graph.

(a) Represent the graph using Adjacency Matrix.

(b) Generate Breadth First Tree starting with vertex “c”. List the vertices according to the dequeue order from BFS Queue .

(c) To compute the shortest path from “g” to “c” which strategy you will apply and how will you perform that?