

Final Exam

1)

(a) Cycle: $a, b, h, g, k, i, c, d, j, f, e, a$

(b) Cycle: $a, c, h, f, i, j, g, e, b, d, a$

(c) Cycle: $a, b, c, d, i, g, f, e, h, a$

(d) No cycle; ~~Path~~ Path: a, c, d, b, e, f, g

(e) No cycle; Path: $a, b, c, d, e, j, i, h, g, f, k, l, m, n, o$

(f) Cycle: $a, b, c, d, e, j, i, h, g, l, m, n, o, t, s, r, q, p, k, f, a$