

Answer Sheet

Name: _____ School: _____ Exam Code: _____

Section A: Multiple choice questions (30 marks)

Please write your answer from 1 to 15 in the **online-test system**.

Section B: Short Answer Questions (90 marks)

16.

(a) Balance the following equation:

(b)

(c)

(d)

(e)

(f)

(g)

(h)

(i)

(j)

- (k)** **A. Phosphate or sulfate**
B. Diphosphate and triphosphate
C. Triphosphate and cyclotriphosphate

(l)

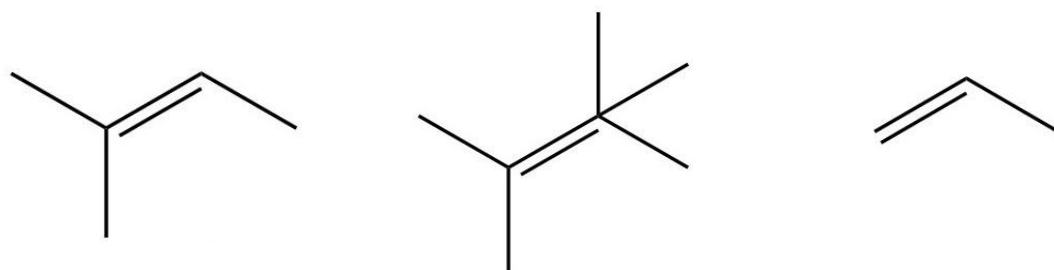
(m)

(n)

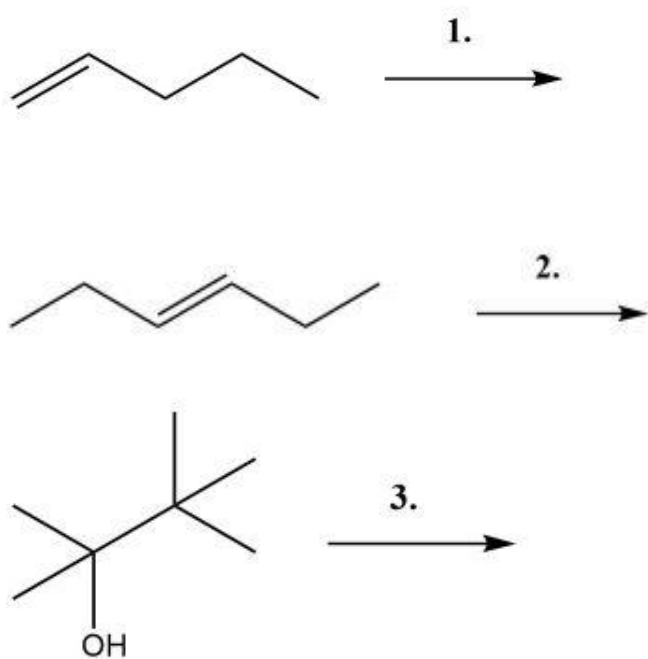
(o)

17.

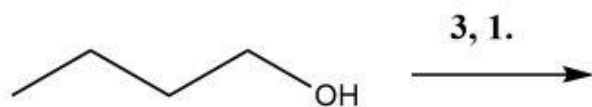
(a)



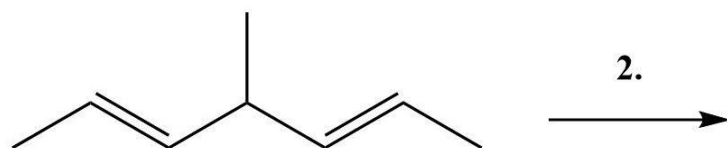
(b)



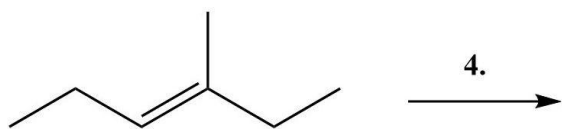
(c)



(d)



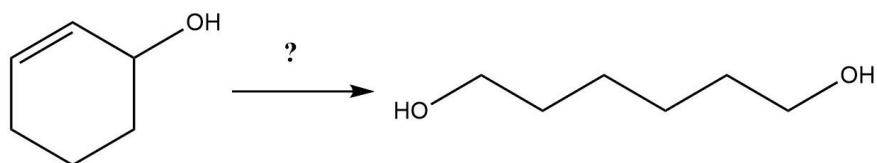
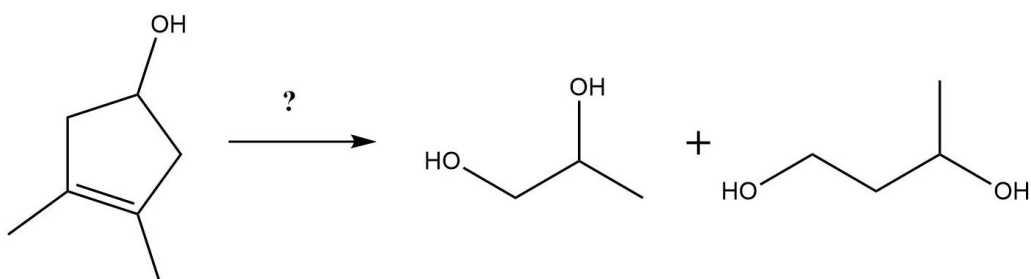
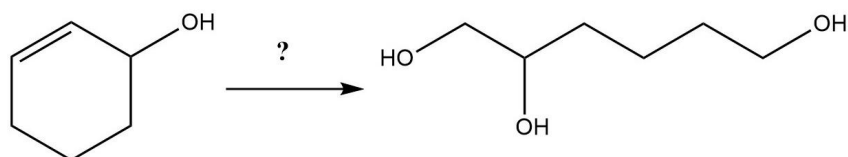
(e)



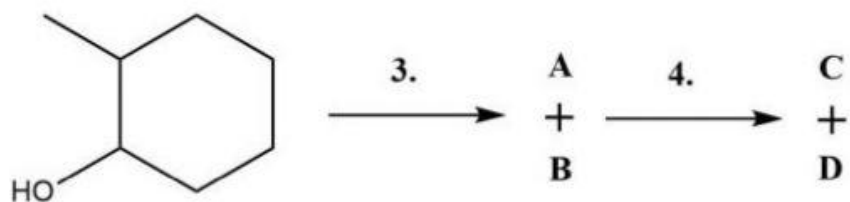
(f)

(g)

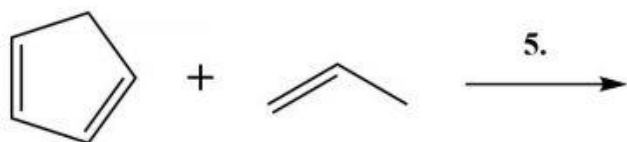
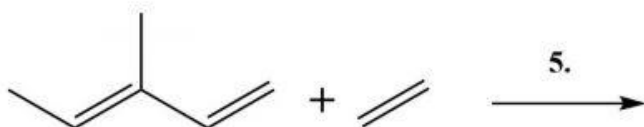
(h)



(i)



(i)



18.

(a)

(b)

(c)

(d)

(e)

(f)

(g)

(h)

(i)

(j)

(k)

(l)

(m) i

(m) ii

(n)

(o)