

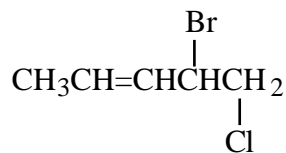
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Period: \_\_\_\_

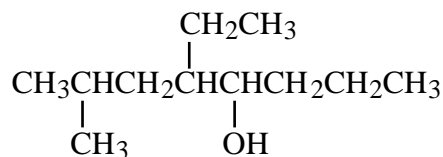
### Organic Compounds

(1) Name the following organic compounds.

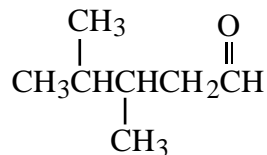
(a)



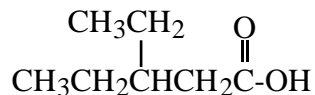
(b)



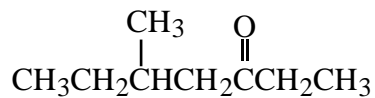
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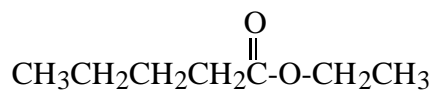
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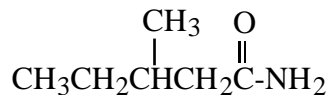
(e)



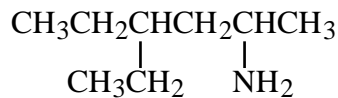
(f)



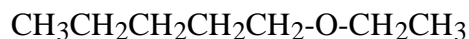
(g)



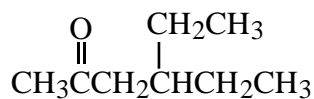
(h)



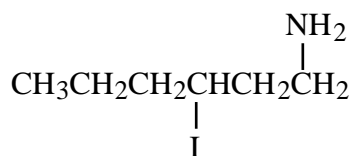
(i)



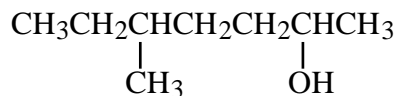
(j)



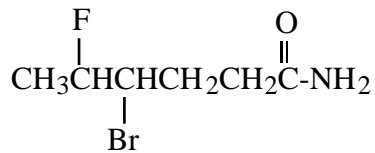
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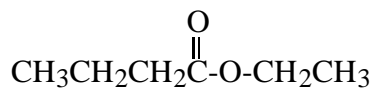
(l)



(m)



(n)



(2) Draw the following organic compounds.

(a) 2-Pentanol

(h) 3,5-Dibromohexanal

(b) Diethyl ether

(i) 5-Decanone

(c) 4-Methyl-2-pentanone

(j) 5-Bromo-2-hexanol

(d) 2-Methyl-butanamide

(k) Hexyl ethanoate

(e) 3-Ethylpentanal

(l) Butanamide

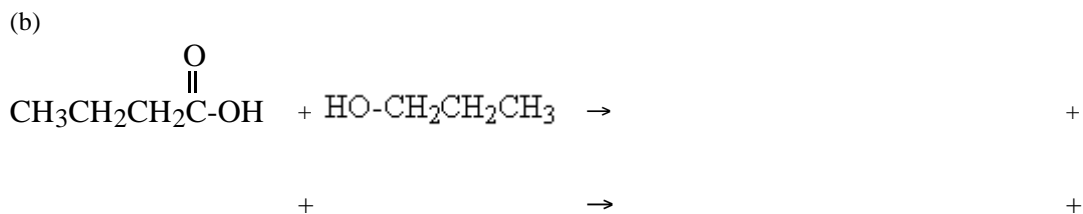
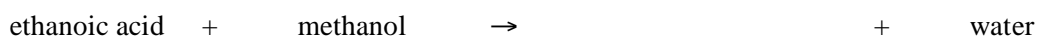
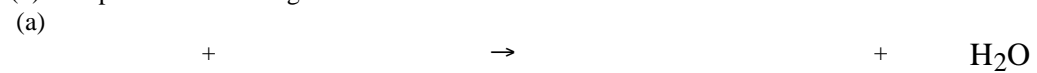
(f) Propyl ethanoate

(m) 2-Amino-4,4-Dichloropentane

(g) 3-Aminopentane

(n) Pentyl propyl ether

(3) Complete the following condensation reactions.



Answers:

(1) (a) 4-Bromo-5-chloro-2-pentene

(f) Ethyl propanoate

(k) 1-Amino-3-iodohexane

(b) 5-Ethyl-7-methyl-4-octanol

(g) 3-Methylpentanamide

(l) 5-Methyl-2-heptanol

(c) 3,4-Dimethylpentanal

(h) 2-Amino-4-ethylhexane

(m) 4-Bromo-5-fluorohexanamide

(d) 3-Ethylpentanoic acid

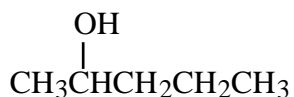
(i) Ethyl pentyl ether

(n) Ethyl butanoate

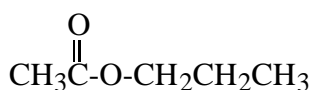
(e) 5-Methyl-3-heptanone

(j) 4-Ethyl-2-hexanone

(2) (a)



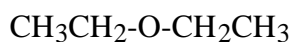
(f)



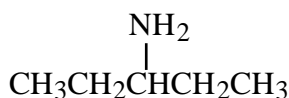
(k)



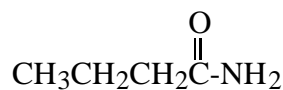
(b)



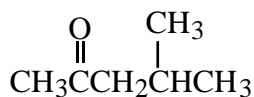
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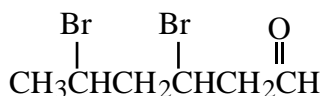
(l)



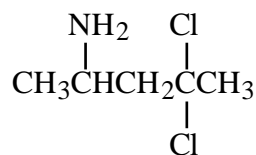
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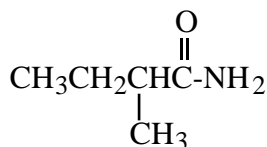
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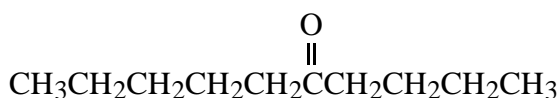
(m)



(d)



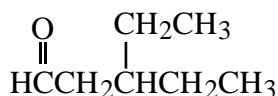
(i)



(n)



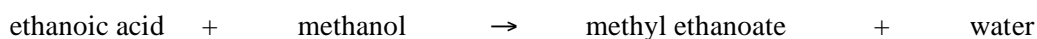
(e)



(j)



(3) (a)



(b)

