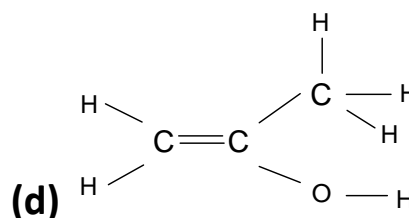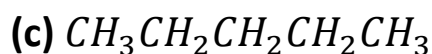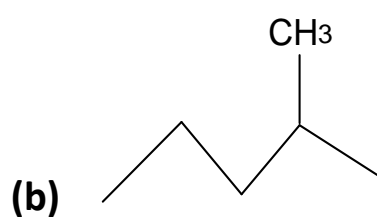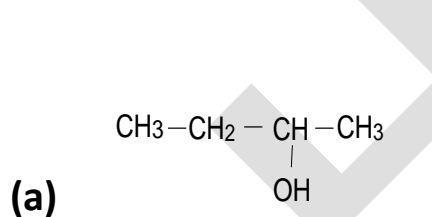# QUIZ : 01

1) **Which is correct about complete structural formula ?**
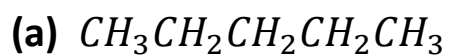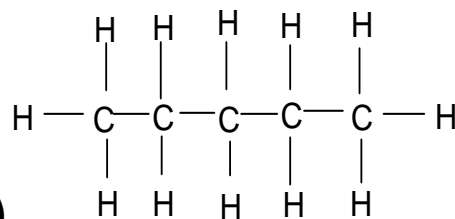
    (a) All bonds are not shown , only few are shown

    (b) No bonds are not shown at all

    (c) All bonds are shown here

    (d) Might on might not show all bonds

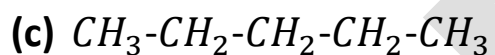2) **Among this which structure correctly represents complete Structural formula ?**

(a) $CH_3-CH_2-\underset{\underset{OH}{|}}{CH}-CH_3$

(b)

(c) $CH_3CH_2CH_2CH_2CH_3$

(d)

3) **What will be the correct structure of a carbon**

   Hydrocarbon Chain ?

(a) $CH_3CH_2CH_2CH_2CH_3$ **(b)**

(c) $CH_3\text{-}CH_2\text{-}CH_2\text{-}CH_2\text{-}CH_3$ **(d)**
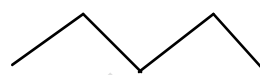
4) **Which of the following is not shown according to the**

   condensed structural formula ?

(a) $CH_3CH_2 \text{--} CH_2{-}CH_3$ **(b)** $CH_3CH_2CH_2CH_3$
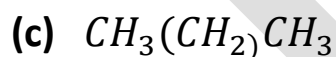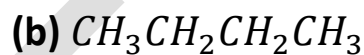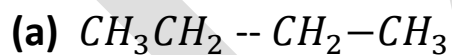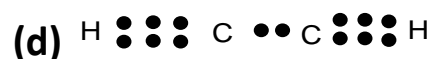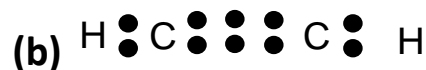
(c) $CH_3(CH_{2)}CH_3$ **(d)** $CH_3CH_2CH_3$
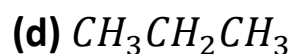
5) **Which is the incorrect representation of the Lewis**

   dot structural formula ?

(a)

(b)

(c)

(d)
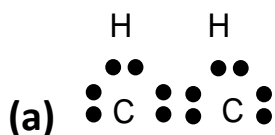
6) **Which is true form for condensed structural formula ?**

    (a) It is used to show every single bonds between Molecules

    (b) It is used to save space & write the formula In a line

    (c) It is not used to convey more in formation than the chemical formula

    (d) It is a structure based method of expressing Molecules

7) **Which is the correct representation of a bond line Structure ?**

    (a) $CH_3CH_2CH_2CH_3$ **(b)**

    (c) $CH_3(CH_2)_2CH_3$ **(d)** $CH_3 - CH_2 - CH_2 - CH_3$
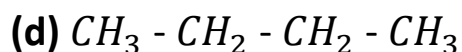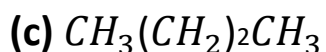
8) Which among the following shows the representation

Of condensed structural formula ?

(a) $CH_3 - CH_2 - CH_3$

(b)

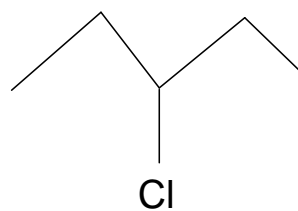**(c)** $CH_3 CH_2 CH_3$
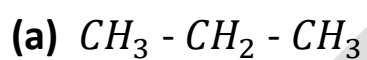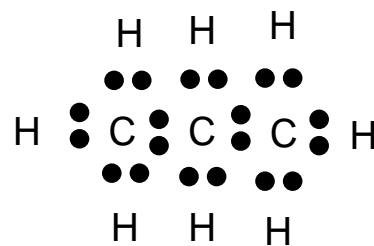
(d)
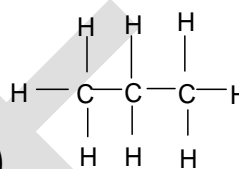
9) Show the correct bond line structure of Pentyl Chloride ?
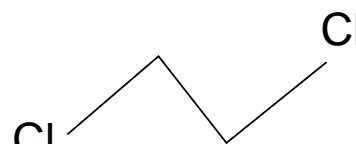
(a)

(b)

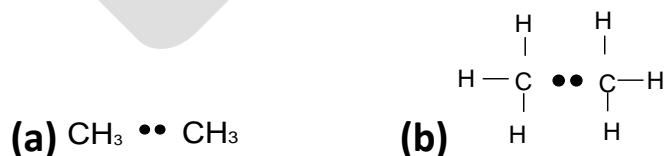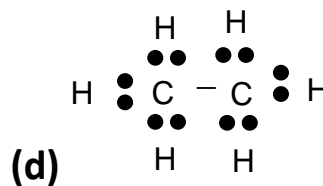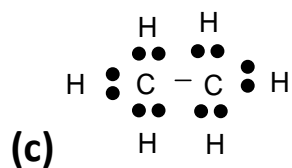
Cl

(c)

Cl

(d)

Cl

Cl
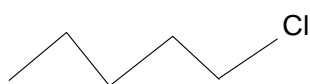
10) Find the incorrect statement for bond line structure :

(a) A bond line structure is a less cluttered drawing

(b) It is another type of structural representation of organic compounds

(c) In a bond line structural representation every terminal is assumed to be - CH_2 group

(d) In a bond line structural representation every terminal is assumed to be - CH_3 group

11) Which structure correctly represents Lewis dot structural formula ?

(a) CH_3 •• CH_3

(b)
$$H-\underset{\underset{H}{|}}{\overset{\overset{H}{|}}{C}} \;\bullet\bullet\; \underset{\underset{H}{|}}{\overset{\overset{H}{|}}{C}}-H$$

(c)

(d)

12) Which one is correct for Lewis dot structural formula ?

(a) In Lewis dot structure , each dot represents a pair of electron

(b) In Lewis dot structure , a bond is represented by a pair of electrons

(c) In Lewis dot structure , all the electrons of a molecule are shown by dots

(d) In Lewis dot structure , a pair of dot represents an electron

SOLUTIONS

1) c
2) d
3) b
4) a
5) d
6) b
7) b
8) c
9) c
10) d
11) c
12) b