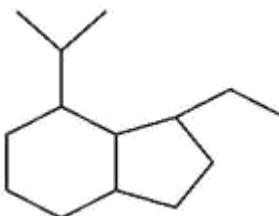


DPP-02

1. The number of 3° and 2° carbon atoms in the following compound is:



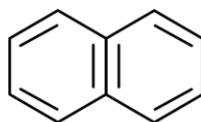
(A) 5,6

(B) 5,7

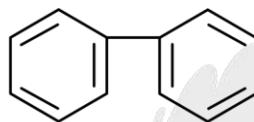
(C) 4,6

(D) 6,6

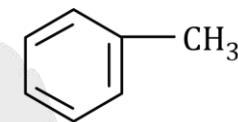
2. Which of the following have only 2° H atom:



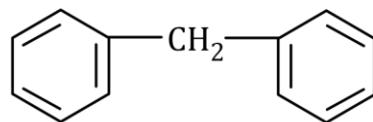
(a)



(b)



(c)



(d)

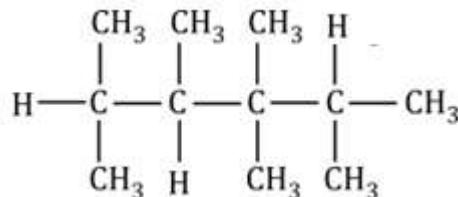
(A) a and b

(C) a, c and d

(B) a, b and d

(D) a, b, c and d

3. Number of 3° carbon and 1° hydrogen, respectively, in the following structure are



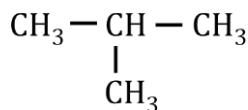
(A) 3 and 21

(C) 2 and 18

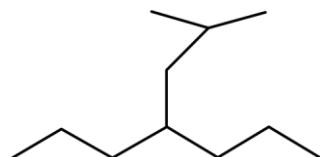
(B) 3 and 24

(D) 3 and 18

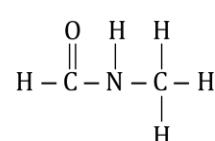
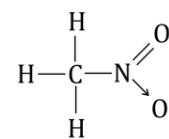
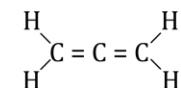
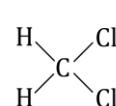
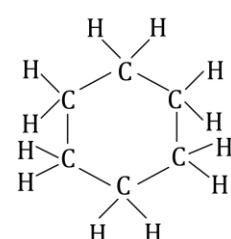
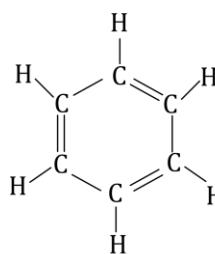
4. Find the number of 1° , 2° & 3° hydrogen atoms in the following compounds:

(A) $1^\circ\text{H} \rightarrow 9, 3^\circ\text{H} \rightarrow 1$ (B) $1^\circ\text{H} \rightarrow 6, 2^\circ\text{H} \rightarrow 2, 3^\circ\text{H} \rightarrow 2$ (C) $1^\circ\text{H} \rightarrow 6, 2^\circ\text{H} \rightarrow 4$ (D) $1^\circ\text{H} \rightarrow 9, 2^\circ\text{H} \rightarrow 1$

5.

How many 2° Carbon(s) are present in above compound?

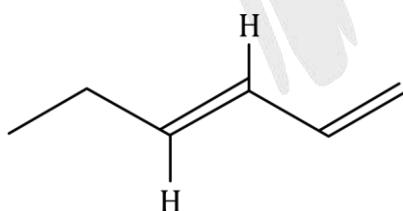
6. Indicate the σ and π bonds in the following molecules.



7. Find the degree of carbon and hydrogen of following compound

Compounds	1°C	2°C	3°C	4°C	1°H	2°H	3°H
(1)							
(2)							
(3)							
(4)							

8. The number of hydrogen atoms present in the following compound are:



(A) 13

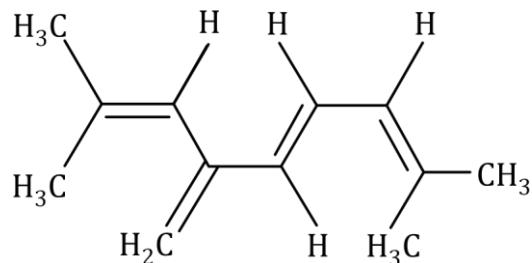
(B) 10

(C) 14

(D) 2



9. The total number of π electrons in the given structure are :



(A) 12

(B) 16

(C) 4

(D) 8



ANSWER KEY

1. (A) 2. (B) 3. (B) 4. (A) 5. (5) 8. (B) 9. (D)

