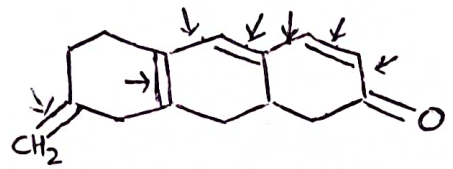


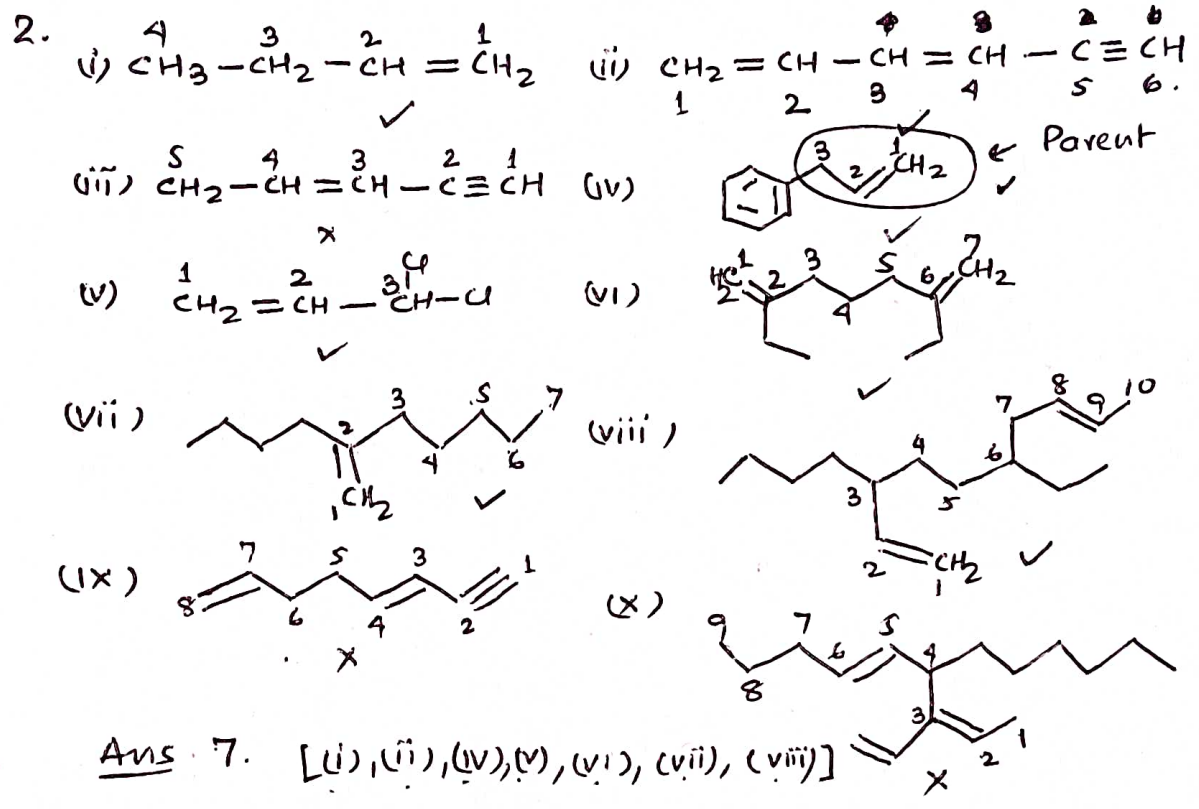
Sol. → 3.

1.



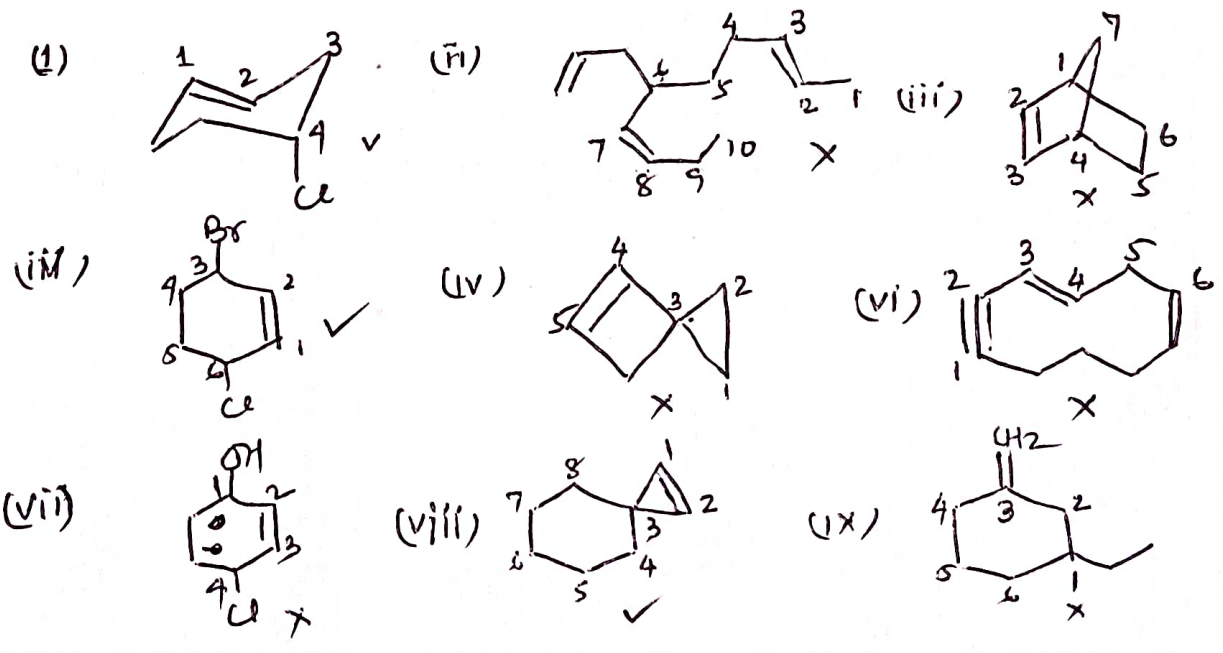
Ans = 7.

All → arrow marked $c \overset{\sigma}{-} c$ bonds are sp^2-sp^2 :



Ans 7. [(i), (ii), (iv), (v), (vi), (vii), (viii)]

3.



Ans (i), (iv), (viii) = 3 only.