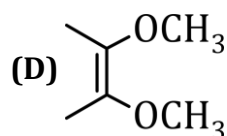
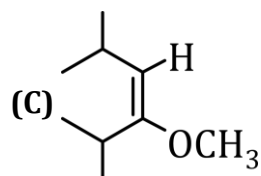
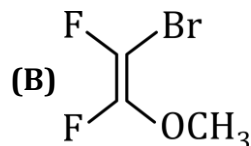
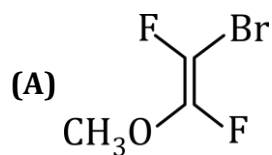


1. Match the column :

Column - I



Column - II

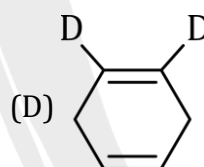
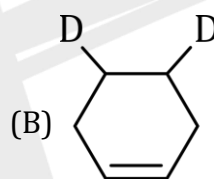
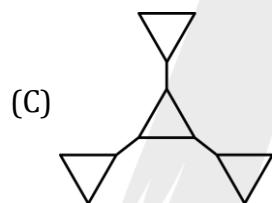
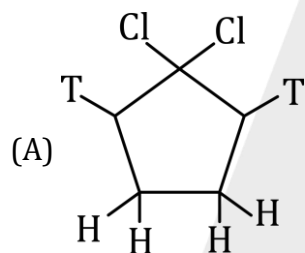
(P) cis

(Q) trans

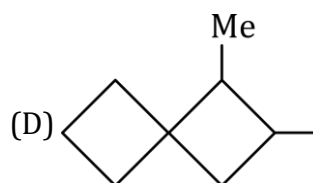
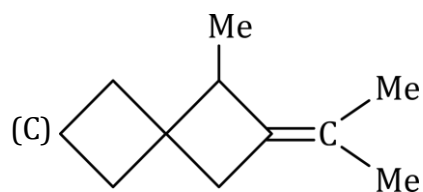
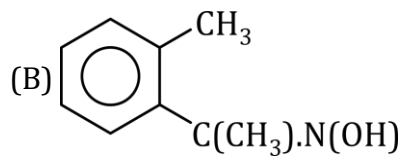
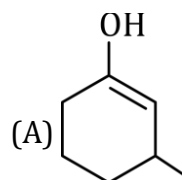
(R) E

(S) Z

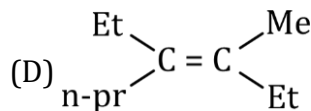
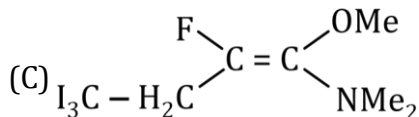
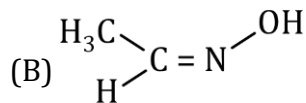
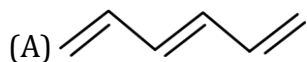
2. Which will show geometrical isomerism -



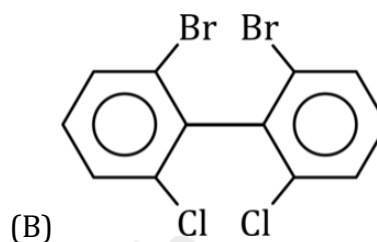
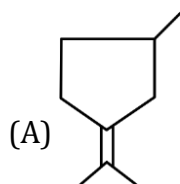
3. Which of the following can show geometrical isomerism :



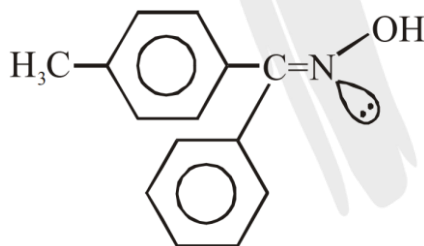
4. Which of the following is *E* isomer :



5. Identify compound which can show geometrical isomerism :

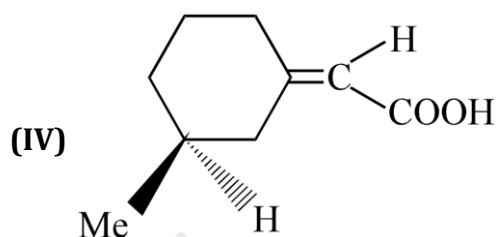
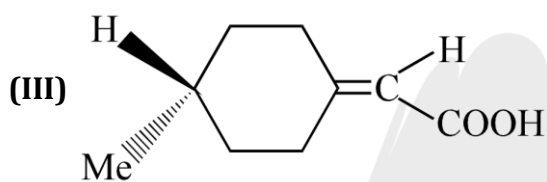
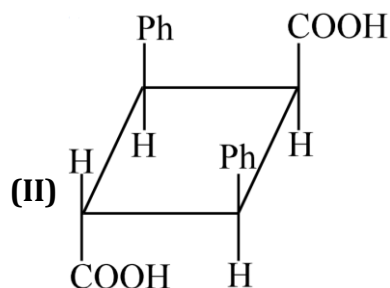
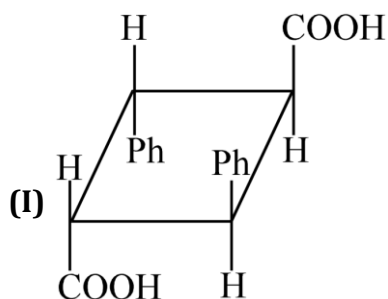


6. Correct statement about given Ketoxime is -



- (A) A is named as syn-p-tolyl phenyl ketoxime
(B) A is named as anti-phenyl-p-tolyl ketoxime
(C) Compound (A) is Z isomer
(D) Compound (A) is E isomer

7. Match the column:



Column I

(Statements)

- (A) Contains plane of symmetry
- (B) Contains centre of symmetry
- (C) Can show geometrical isomerism
- (D) Can show optical isomerism

Column II

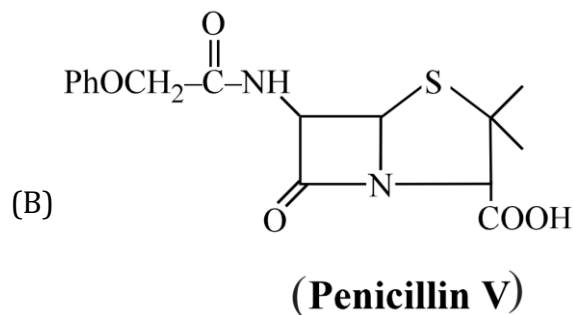
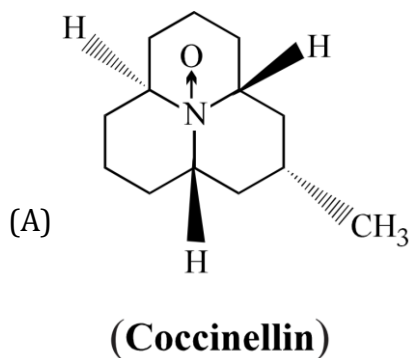
(Compound)

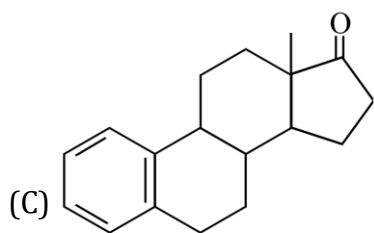
- (P) I
- (Q) II
- (R) III
- (S) IV

8. Simplest alcohol that can exhibit optical isomerism is :

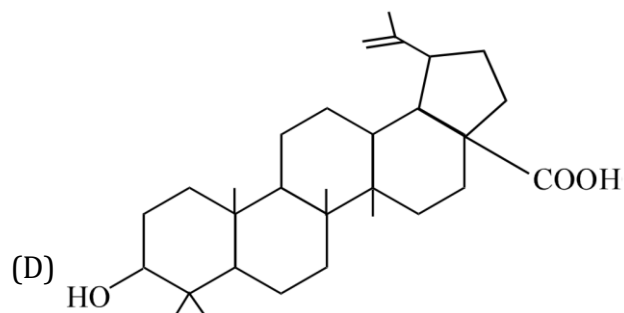
- (A) 1-propanol (B) 2-butanol (C) 2-propanol (D) 1-butanol

9. Which of the following compound(s) contains even number of chiral carbon :



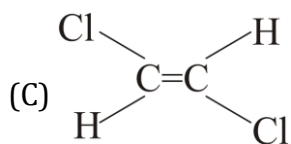
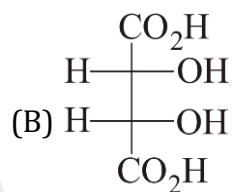
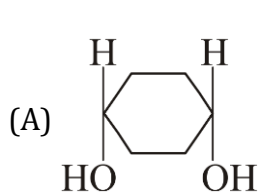


(Estrone)



(Betulinic acid)

10. Which of following compound(s) contains plane of symmetry :



(D) Hockey stick