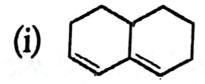
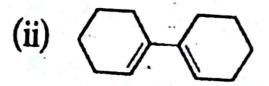
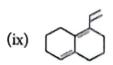
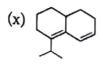
Compound





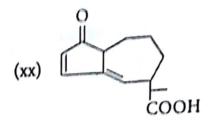




(xiii)
$$\delta \gamma \beta \alpha$$

(xviii)
$$\begin{pmatrix} 2 & \beta' \\ \alpha' & \alpha' \end{pmatrix}$$
 $\begin{pmatrix} 3 & 4 & 5 \\ \alpha & \alpha \end{pmatrix}$

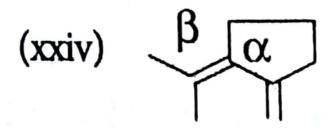
(kix)
$$A_{CO} \stackrel{2}{\cancel{3}} \stackrel{4}{\cancel{5}} \stackrel{5}{\cancel{6}} \stackrel{8}{\alpha} \stackrel{8}{\cancel{6}} \stackrel{8}{\alpha} \stackrel{9}{\cancel{6}} \stackrel{9}{\cancel{$$

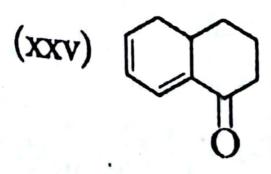


$$\begin{array}{ccc} \text{(xxi)} & \text{CH}_3 \\ \text{CH}_3 \\ \text{CH}_3 \\ \end{array} > \text{C} = \text{CH} - \text{C} = \text{O}$$

$$(xxii)$$
 $O = \begin{pmatrix} \lambda & \lambda & \lambda \\ \lambda & \lambda & \lambda \end{pmatrix}$

(xxiii)
$$\beta \alpha$$





55. A neutral compound showed λ_{max} rat 251 nm. Predict whether the compound has the following structure. If not, propose an alternative one with similar basic skeleton.

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56. An unknown compound is beleived to have either structure A or B. Its UV-spectrum shows $\lambda_{\rm max}$ at 320 nm (Ethanol). What could be its likely structure?