

NEET ISOMERISM — STRUCTURAL ISOMERISM — PYQS

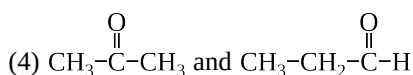
Max. Marks: 24

Questions: 6

Section A (MCQ) — 6 questions

Q.1 The pair of molecules that are metamers among the following is : [NEET (UG) 2026]

- (1) $\text{CH}_3\text{OCH}_2\text{CH}_2\text{CH}_3$ and $\text{CH}_3\text{CH}_2\text{OCH}_2\text{CH}_3$
 (2) $\text{CH}_3\text{CH}_2\text{CH}_2\text{OH}$ and $\text{CH}_3\text{—CH(OH)—CH}_3$
 (3) $\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_3$ and $(\text{CH}_3)_2\text{CHCH}_2\text{CH}_3$



Scan or tap for the
full solution 

Q.2 Total number of possible isomers (both structural as well as stereoisomers) of cyclic ethers of molecular formula $\text{C}_4\text{H}_8\text{O}$ is : [NEET (UG) 2025]

- (1) 10 (2) 11 (3) 6 (4) 8

Scan or tap for the
full solution 

Q.3 The compound which shows metamerism is : [NEET (UG) 2021]

- (1) $\text{C}_4\text{H}_{10}\text{O}$ (2) C_5H_{12} (3) $\text{C}_3\text{H}_8\text{O}$ (4) $\text{C}_3\text{H}_6\text{O}$

Scan or tap for the
full solution 

Q.4 The number of structural isomers possible from the molecular formula $\text{C}_3\text{H}_9\text{N}$ is [AIPMT 2015]

- (1) 5 (2) 2 (3) 3 (4) 4

Scan or tap for the
full solution 

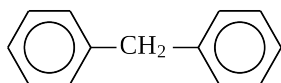
Q.5 Number of isomeric alcohols of molecular formula $\text{C}_6\text{H}_{14}\text{O}$ which give positive iodoform test is

[NEET 2013 (Karnataka)]

- (1) three (2) four (3) five (4) two

Scan or tap for the
full solution 

Q.6 The molecular formula of diphenylmethane,



is $\text{C}_{13}\text{H}_{12}$. How many structural isomers are possible when one of the hydrogens is replaced by a chlorine atom?

[AIPMT 2004]

- (1) 6 (2) 4 (3) 8 (4) 7

Scan or tap for the
full solution 

ANSWER KEY

Ques.	1	2	3	4	5	6					
Ans.	1	1	1	4	2	2					