

EXERCISE - O

SINGLE CORRECT TYPE QUESTIONS

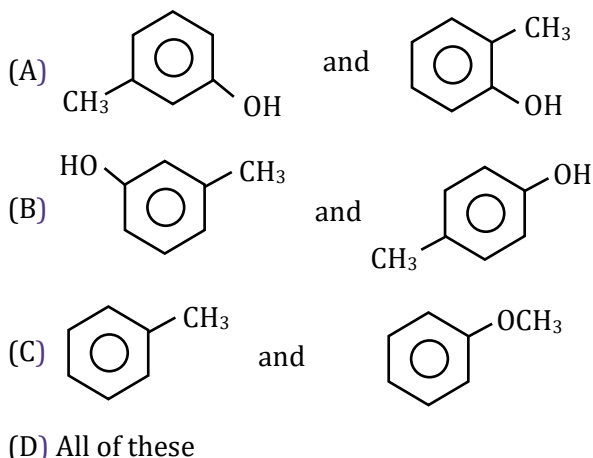
Position Isomerism

1. Positional isomers of 1-bromo-1-chloro cyclohexane are:

(A) 3 (B) 5 (C) 4 (D) 6

CS1062

2. Which of the following pairs of compounds are not positional isomers ?



CS1063

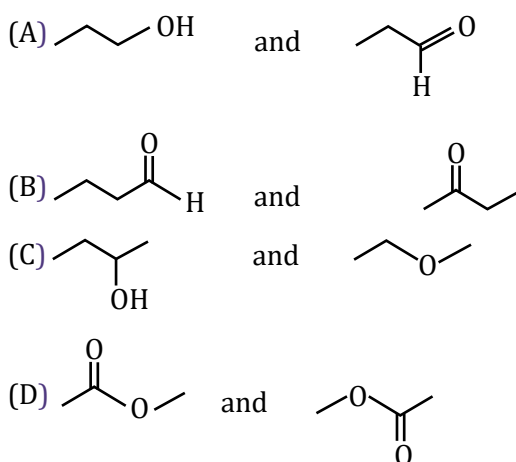
Functional isomerism

3. Acids and esters having the same number of carbon atoms are :

(A) Functional isomers (B) Tautomers
(C) Metamers (D) Not isomers

CS1064

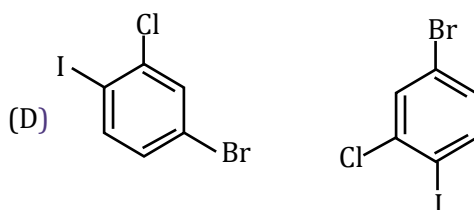
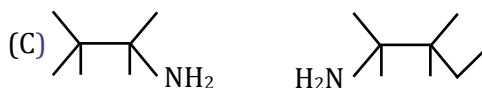
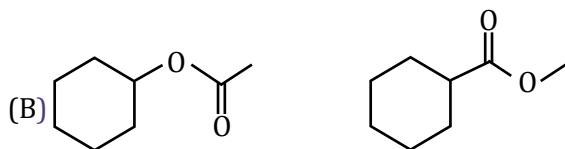
4. Which of the following pairs of compounds are functional isomers ?



CS1065

Metamerism

5. Which of the following is a pair of metamers ?



CS1066

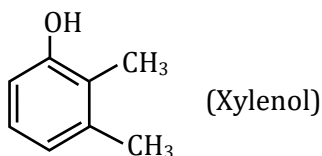
Structural Isomers

6. How many different dibromophenols are possible ?

- (A) 8 (B) 7 (C) 6 (D) 5

CS1067

7. Number of positional isomers of given compound with 6 membered aromatic ring are:



- (A) 6 (B) 5 (C) 4 (D) 3

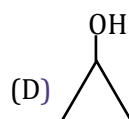
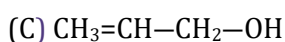
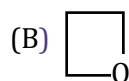
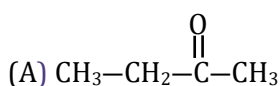
CS1068

8. Two isomeric forms of a saturated hydrocarbon :

- (A) Have the same structure (B) Have different compositions of elements
(C) Have the same molecular formula (D) All the these are correct

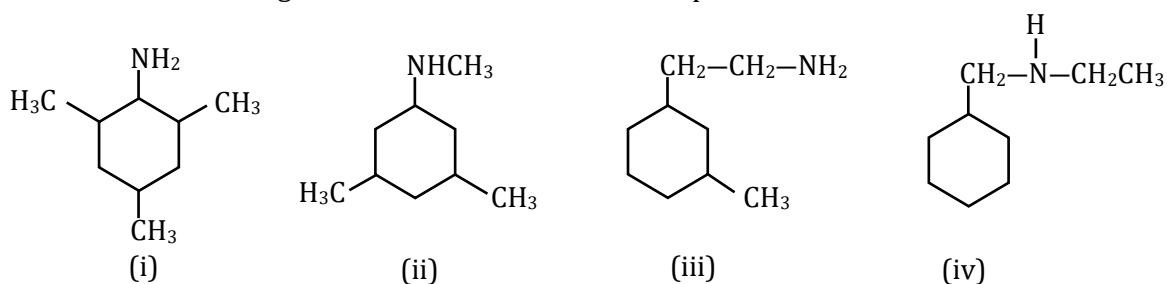
CS1069

9. Which of the following is not an isomer of $\text{CH}_3\text{—CH}_2\text{CHO}$



CS1070

10. Which of the following is not the **CORRECT** relationship ?



- (A) (i) and (ii) are functional isomers
 (B) (ii) and (iv) are metamers
 (C) (i) and (iv) are positional isomers
 (D) (i) and (iii) are chain isomers

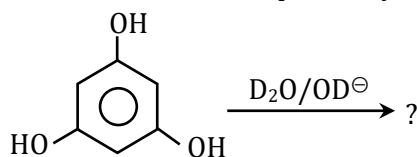
CS1071

11. Number of structural isomers of C_3H_9N are :

- (A) 6 (B) 5 (C) 4 (D) 3

CS1072

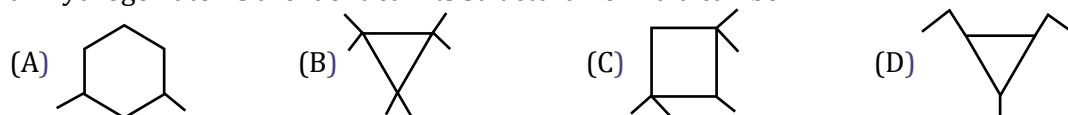
12. Number of H-atom replaced by Deuterium in the given reaction are :



- (A) 4 (B) 5 (C) 5 (D) 8

CS1073

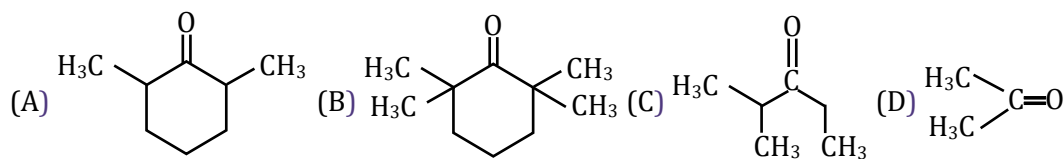
13. An organic compound has molecular formula C_9H_{18} . Its all carbon atoms are sp^3 hybridized and its all hydrogen atoms are identical. Its structural formula can be



CS1074

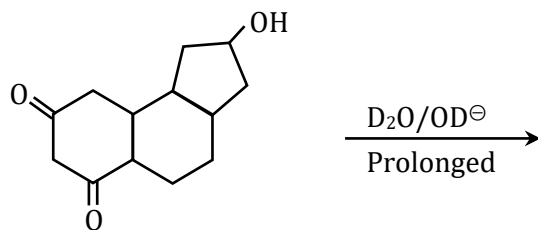
Tautomerism

14. Which of the following compounds cannot exhibit keto-enol tautomerism ?



CS1075

15. Number of hydrogen replaced by Deuterium in the given reaction are :



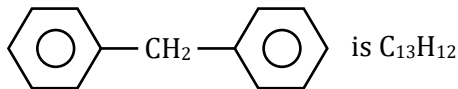
- (A) 3 (B) 4 (C) 5 (D) 6

CS1076

EXERCISE - S

Calculation of Structural Isomer

1. The molecular formula of diphenyl methane



How many structural isomers are possible when one of the hydrogen is replaced by a chlorine atom?

CS1077

2. How many 5 membered parent chain alkane are possible for C_7H_{16} ?

CS1078

3. Total number of possible structural isomers of $C_5H_{11}Br$.

CS1079

4. Total number of structural isomers of C_9H_{18} containing cyclohexane ring.

CS1080

5. How many structural isomer are possible for $C_4H_{10}O$ (only alcohol).

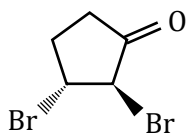
CS1081

6. Number of structural isomer of C_6H_{14} is.

CS1082

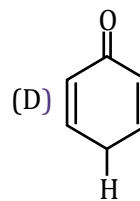
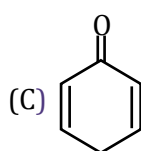
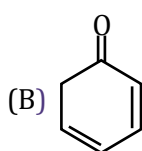
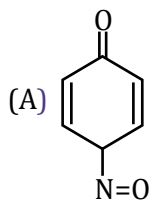
Tautomerism

7. How many hydrogen in the compound below are replaced by deuterium when it is shaken in D_2O containing trace of hydroxide ion ?



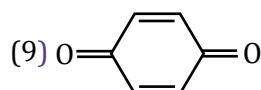
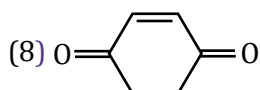
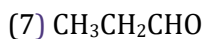
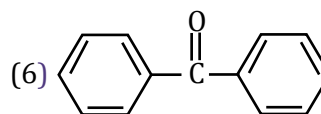
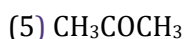
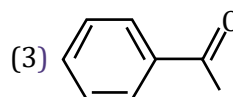
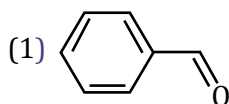
CS1083

8. Number of compounds which undergoes Tautomerisation to form aromatic product are :



CS1084

9. Among the following how many of them will show keto enol tautomerism ?

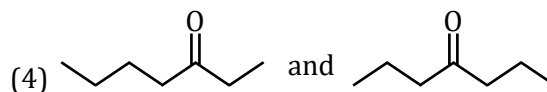
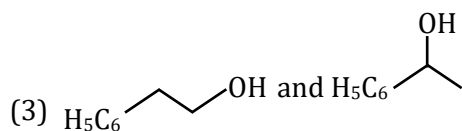
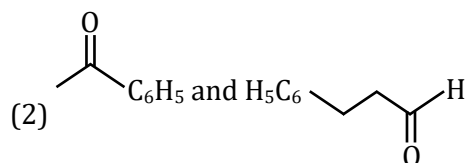
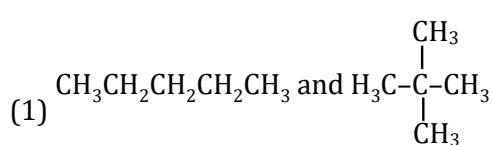


CS1085

EXERCISE - JEE (Main) PYQ

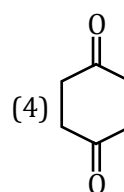
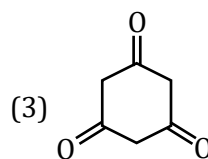
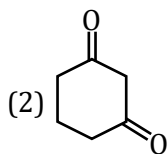
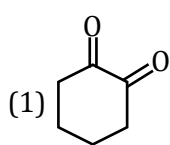
- How many cyclic structures are possible for C_4H_6 :-
 (1) 3 (2) 5 (3) 4 (4) 6
 [AIEEE (Online) 2012]
 CS1034
- Monocarboxylic acids are functional isomers of :
 (1) Esters (2) Amines (3) Ethers (4) Alcohols
 [AIEEE (Online) 2013]
 CS1035
- Which of the following pairs of compounds are positional isomers :-
 (1) $CH_3-CH_2-CH_2-\overset{\overset{O}{\parallel}}{C}-CH_3$ and $CH_3-CH_2-\overset{\overset{O}{\parallel}}{C}-CH_2-CH_3$
 (2) $CH_3-CH_2-CH_2-\overset{\overset{O}{\parallel}}{C}-CH_3$ and $CH_3-\overset{\overset{CH_3}{\mid}}{CH}-CH_2-CHO$
 (3) $CH_3-CH_2-CH_2-CH_2-CHO$ and $CH_3-CH_2-CH_2-\overset{\overset{O}{\parallel}}{C}-CHO$
 (4) $CH_3-CH_2-\overset{\overset{O}{\parallel}}{C}-CH_2-CH_3$ and $\begin{matrix} CH_3 \\ \diagup \\ CH-CH_2-CHO \\ \diagdown \\ CH_3 \end{matrix}$
 [JEE (Main) 2015]
 CS1036
- The number of structural isomers for C_6H_{14} is:
 (1) 6 (2) 4 (3) 3 (4) 5
 [JEE (Main) 2015]
 CS1037
- Assertion A : Enol form of acetone [CH_3COCH_3] exists in $< 0.1\%$ quantity. However, the enol form of acetyl acetone [$CH_3COCH_2OCCH_3$] exists in approximately 15% quantity.
 Reason R : enol form of acetyl acetone is stabilized by intramolecular hydrogen bonding, which is not possible in enol form of acetone.
 Choose the correct statement :
 (1) A is false but R is true
 (2) Both A and R are true and R is the correct explanation of A
 (3) Both A and R are true but R is not the correct explanation of A
 (4) A is true but R is false
 [JEE (Main) 2021]
 CS1086
- Compound with molecular formula C_3H_6O can show :
 (1) Positional isomerism
 (2) Both positional isomerism and metamerism
 (3) Metamerism
 (4) Functional group isomerism
 [JEE (Main) 2021]
 CS1087

7. Which one of the following pairs of isomers is an example of metamerism ? [JEE (Main) 2021]



CS1088

8. Which will have the highest enol content ? [JEE (Main) 2022]



CS1089

9. The total number of monobromo derivatives formed by the alkanes with molecular formula C_5H_{12} is (excluding stereo isomers) ____ [JEE (Main) 2022]

CS1038

10. Match List I with List II. [JEE (Main) 2023]

	List-I (Isomeric pairs)		List-II (Type of isomers)
A.	Propanamine and N-Methylethanamine	I.	Metamers
B.	Hexan-2-one and Hexan-3-one	II.	Positional isomers
C.	Ethanamide and Hydroxyethanimine	III.	Functional isomers
D.	o-nitrophenol and p-nitrophenol	IV.	Tautomers

Choose the correct answer from the options given below :-

- (1) A-III, B-IV, C-I, D-II
 (2) A-IV, B-III, C-I, D-II
 (3) A-II, B-III, C-I, D-IV
 (4) A-III, B-I, C-IV, D-II

CS1039

EXERCISE - JEE (Advanced) PYQ

1. The number of structural isomers of C_6H_{14} is : [IIT 2007]
(A) 3 (B) 4 (C) 5 (D) 6 CS1060
2. The correct combination of names for isomeric alcohols with molecular formula $C_4H_{10}O$ is/are- [JEE (Advanced) 2014]
(A) *tert*-butanol and 2-methylpropan-2-ol
(B) *tert*-butanol and 1, 1-dimethylethan-1-ol
(C) *n*-butanol and butan-1-ol
(D) isobutyl alcohol and 2-methylpropan-1-ol CS1061

JEE (Main) Practice Paper

This paper is for yourself practice and assessment the discussion of this paper is optional though you can see PDF solutions or video solutions or solutions in hardcopy whichever is provided.

SECTION-A

- This section contains **TWENTY** questions.
 - Each question has **FOUR** options (1), (2), (3) and (4). **ONLY ONE** of these four options is correct.
 - For each question, darken the bubble corresponding to the correct option in the ORS.
 - For each question, marks will be awarded in one of the following categories :
Full Marks : +4, if only the bubble corresponding to the correct option is darkened.
Zero Marks : 0, if none of the bubbles is darkened.
Negative Marks : -1 in all other cases
-
1. Minimum number of carbon atom required by a Hydrocarbon alkane, alkene and alkyne to show chain isomerism respectively are :
 (1) 4, 4, 4 (2) 4, 3, 3 (3) 4, 4, 3 (4) 4, 4, 5
CS1001
 2. C_7H_7Cl shows how many benzenoid aromatic isomers ?
 (1) 4 (2) 3 (3) 5 (4) 6
CS1002
 3. How many structural isomers of primary amines are possible for the formula $C_4H_{11}N$?
 (1) 2 (2) 3 (3) 4 (4) 5
CS1003
 4. How many benzenoid structure are possible for molecular form C_7H_8O :
 (1) 3 (2) 4 (3) 5 (4) 6
CS1004
 5. How many structural formula are possible when one of the hydrogen is replaced by a chlorine atom in benzene & naphthalene respectively ?
 (1) 1, 1 (2) 1, 2 (3) 2, 2 (4) 2, 1
CS1005
 6. The number of structural isomers of C_5H_{10} is :-
 (1) 10 (2) 11 (3) 12 (4) 13
CS1006
 7. $H_3C-CH=CH-CH_3$ and $\begin{array}{c} CH_2-CH_2 \\ | \quad | \\ CH_2-CH_2 \end{array}$ are :-
 (1) Ring-chain Isomers (2) Chain Isomers
 (3) Metamers (4) Position Isomers
CS1007
 8. $CH_3-CH_2-\overset{\overset{O}{||}}{C}-OH$ and $CH_3-CH_2-\overset{\overset{OH}{|}}{CH}-\overset{\overset{O}{||}}{C}-H$ are
 (1) Position isomers (2) Functional isomers
 (3) Identical (4) Chain isomers
CS1008

9. Which of the following statements is wrong

- (1) Alkanes with four carbon atoms show chain isomerism
- (2) Alkynes with molecular formula C_4H_8 show chain isomerism
- (3) Alkanols are functional isomers of alkoxyalkanes
- (4) Alkenol are functional isomers of alkanals

CS1009

10. The two compounds $CH_3-CH_2-\overset{\overset{O}{\parallel}}{C}-CH_2-CH_2-CH_3$ and $CH_3-\overset{\overset{O}{\parallel}}{C}-\overset{\overset{CH_3}{\mid}}{C}-CH_3$ may be considered as :

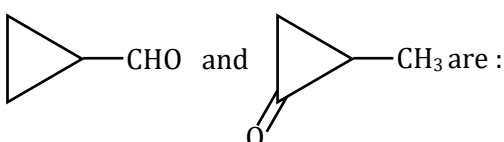
- (1) functional isomers
- (2) metamers
- (3) stereoisomers
- (4) tautomers

CS1010

11. The pair of metamers is :-

- (1) $C_6H_5-\overset{\overset{O}{\parallel}}{C}-NH-CH_3$, $CH_3-\overset{\overset{O}{\parallel}}{C}-NH-C_6H_5$
- (2) $C_2H_5-\overset{\overset{O}{\parallel}}{C}-O-\overset{\overset{O}{\parallel}}{C}-C_2H_5$, $CH_3-\overset{\overset{O}{\parallel}}{C}-O-\overset{\overset{O}{\parallel}}{C}-C_3H_7$
- (3) Both the above
- (4) None of the above

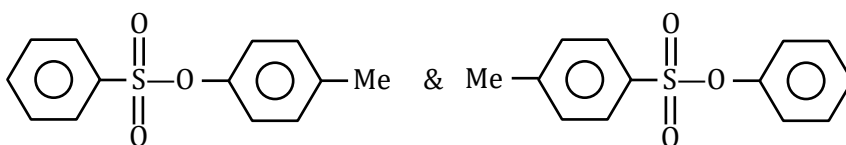
CS1011

12.  are :

- (1) Position isomer
- (2) Metamer
- (3) functional isomer
- (4) Chain isomer

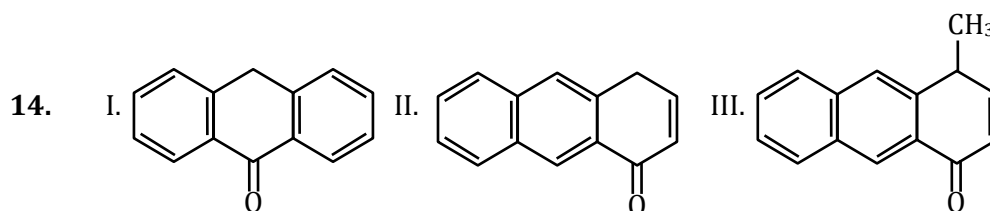
CS1012

13. Isomerism shown by



- (1) Chain isomerism
- (2) Positional isomerism
- (3) Metamerism
- (4) Functional group isomerism

CS1013

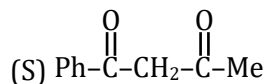
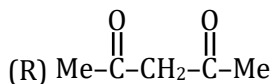
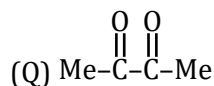
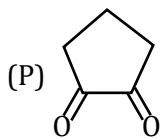


Which among these can exhibit tautomerism ?

- (1) I only
- (2) II only
- (3) III only
- (4) all of these

CS1014

15. Order of enolic content



(1) $Q > R > S > P$

(2) $P > R > S > Q$

(3) $P > S > R > Q$

(4) $S > R > P > Q$

CSI015

16. and are :

(1) Tautomers

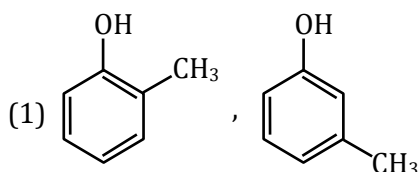
(2) Functional isomers

(3) Both A and B

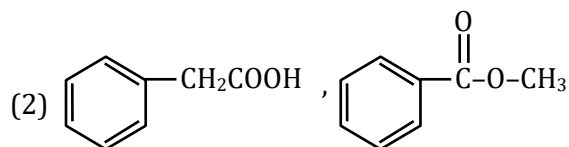
(4) Metamers

CSI016

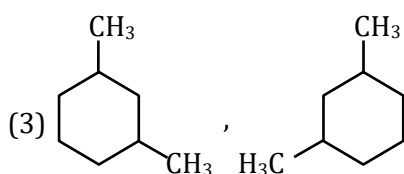
17. Which of the following is incorrect match regarding type of isomerism.



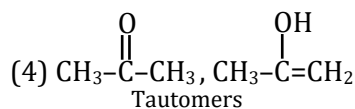
Positional isomer



Functional isomer

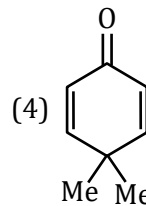
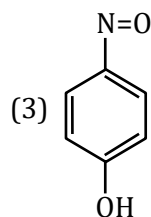
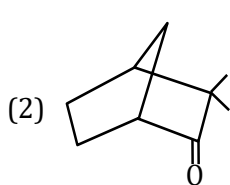
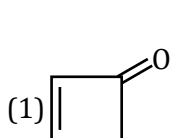


Positional isomer



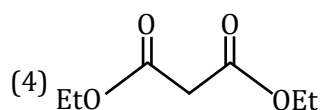
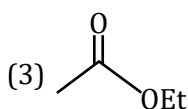
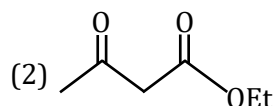
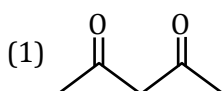
CSI017

18. Which of following shows tautomerism :



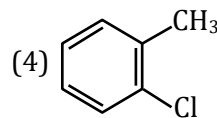
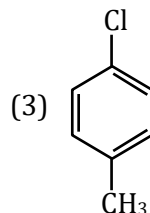
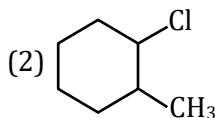
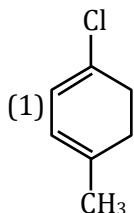
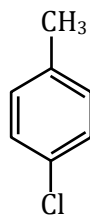
CSI018

19. Identify compound having highest enol content ?



CSI019

20. Which of the following is positional isomer of



CS1020

SECTION-B

- This section will have **TEN questions**. Candidate can choose to attempt any 5 questions out of these 10 questions. In case if candidate attempts more than 5 questions, first 5 attempted questions will be considered for marking.
- The answer to each question is a **NUMERICAL VALUE**.
- For each question, enter the correct numerical value (Answer should be rounded off to the nearest integer).
- Answer to each question will be evaluated according to the following marking scheme:
 Full Marks : +4, if only correct answer is given.
 Zero Marks : 0, if no answer is given.
 Negative Marks :-1 for incorrect answer

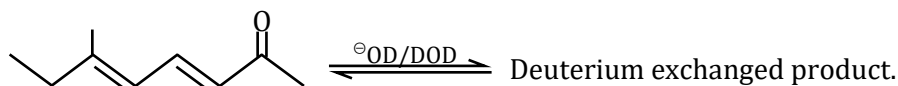
1. Calculate the number of Benzenoid isomers possible for C_6H_3ClBrI .

CS1021

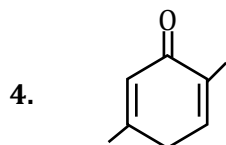
2. How many total number of structural isomer are possible for C_4H_7Cl having parent chain of four carbon.

CS1022

3. How many H(Hydrogens) will be replaced by D (Deuterium) in given compound when it is kept in mild basic medium for a long time.



CS1023



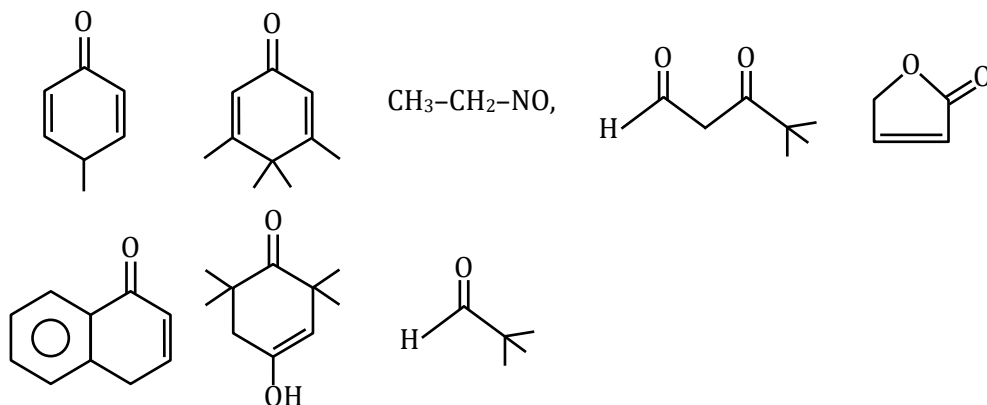
Number of deuterium (D) present in final product obtained on prolong treatment with $NaOD/D_2O$

CS1024

5. How many structural isomers will be possible for molecular formula C_5H_{10} (only cyclic) where cyclopropane ring is parent carbon system ?

CS1025

6. Find number of compound which can show Tautomerism :



CS1026

7. Total number of esters and acids possible for the compound having molecular C_4H_8O (only structural) ?

CS1027

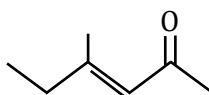
8. How many positional isomers are possible for dimethylcyclohexane ?

CS1028

9. How many structures of 1,4-disubstituted benzene is/are possible with molecular formula $C_8H_8O_3$ in which one $-COOH$ group must be present ?

CS1029

10. Find total number of H replaced by deuterium when below compound is kept in $\overset{\ominus}{O}D / D_2O$ solution for long time ?



CS1030

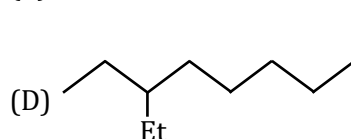
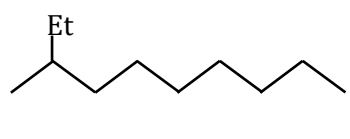
JEE (Advanced) Practice Paper

This paper is for yourself practice and assessment the discussion of this paper is optional though you can see PDF solutions or video solutions or solutions in hardcopy whichever is provided.

SECTION-I

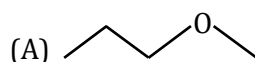
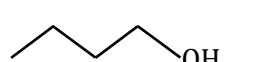
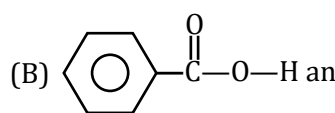
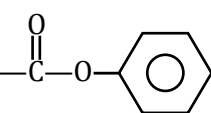
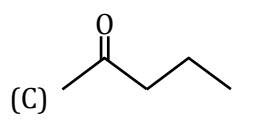
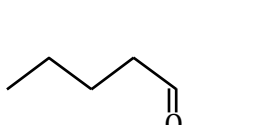
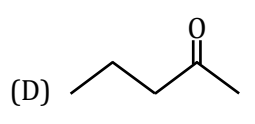
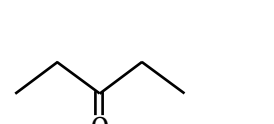
- This section contains **TEN** questions.
- Each question has FOUR options (A), (B), (C) and (D). ONLY ONE of these four options is correct.
- For each question, darken the bubble corresponding to the correct option in the ORS.
- For each question, marks will be awarded in one of the following categories:
 Full Marks : +3, if only the bubble corresponding to the correct option is darkened.
 Zero Marks : 0, if none of the bubbles is darkened.
 Negative Marks : -1, in all other cases

1. Which of the following is chain isomer :

- (A) $\text{CH}_3\text{CH}_2\text{CH}_2\text{-Cl}$ & $\text{CH}_3\text{-}\overset{\text{CH}_3}{\underset{|}{\text{CH}}}\text{-Cl}$ (B) $\text{CH}_3\text{CH}_2\text{CH}_2\text{-CN}$ & $\text{CH}_3\text{-}\overset{\text{CN}}{\underset{|}{\text{CH}}}\text{-CH}_3$
- (C) $\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}_3$ & $\text{CH}_3\text{-}\overset{\text{CH}_3}{\underset{|}{\text{CH}}}\text{-CH}_2\text{-CH}_3$
- (D)  & 

CS1040

2. One of the following is not the pair of functional isomers.

- (A)  and 
- (B)  and 
- (C)  and 
- (D)  and 

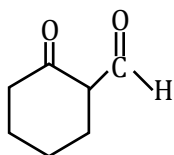
CS1041

3. Which statement is correct for Keto-enol tautomerism ?

- (A) Tautomerism is catalysed by acid and base
- (B) Tautomers are present in dynamic equilibrium state
- (C) Generally keto form is more stable than enol form
- (D) All

CS1042

4. Tautomerism form of this compound is/are:



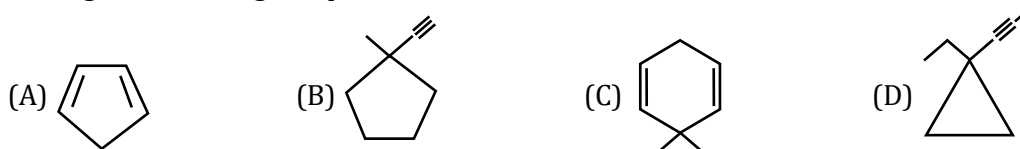
- (A) (B) (C)
- (D) All of these

CS1043

5. The total number of cyclic compounds (neglecting stereoisomers) with the molecular formula C_5H_{10} is -
- (A) 4 (B) 5 (C) 600 (D) 7

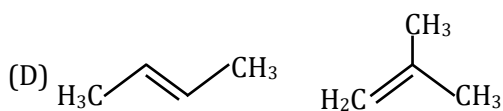
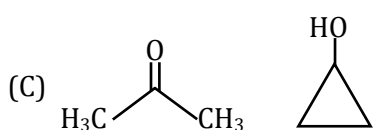
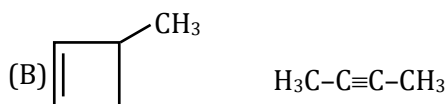
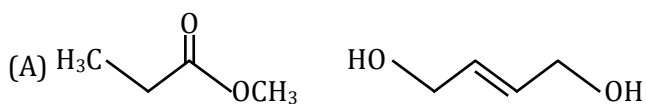
CS1044

6. Among the following compounds, which is not a structural isomers of others ?



CS1045

7. Which of the following pairs of molecules are not structural isomers ?



CS1046

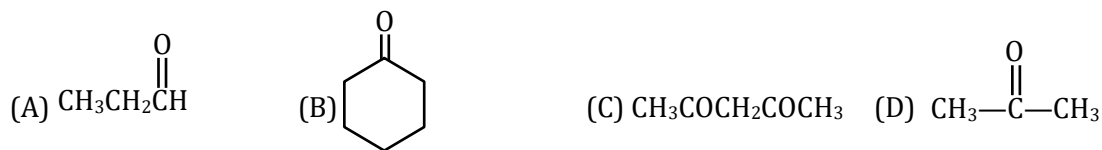
8. Which of the following statements are correct ?

- I. A pair of functional group isomers belongs to different homologous series
 II. A pair of structural isomers has the same relative molecular mass.
 III. A pair of position isomers can differ in the positions of the functional group(s).

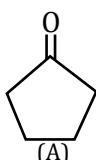
- (A) (I), (II) and (III) (B) (I) and (III) only
 (C) (II) and (III) only (D) (I) and (II) only

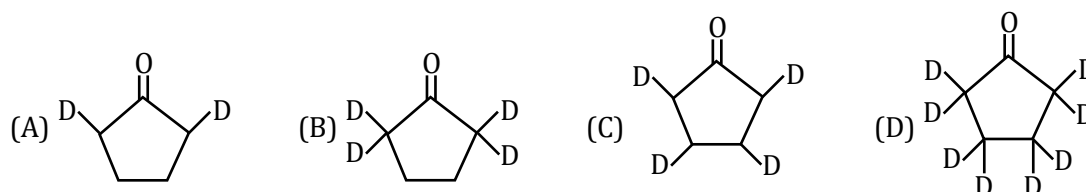
CS1047

9. Maximum enol content is observed in :



CS1048

10.  $\xrightleftharpoons{\text{D}_2\text{O}/\text{DO}^\ominus}$; Prolonged treatment of (A) with $\text{D}_2\text{O}/\text{DO}^\ominus$ gives:



CS1049

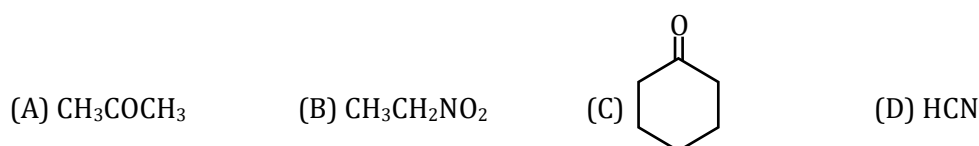
SECTION-II

- This section contains **THREE** questions.
- Each question has **FOUR** options for correct answer(s). **ONE OR MORE THAN ONE** of these four option(s) is (are) correct option(s).
- For each question, choose the correct option(s) to answer the question.
- Answer to each question will be evaluated according to the following marking scheme:

Full Marks	: +4, if only (all) the correct option(s) is (are) chosen.
Partial Marks	: +3, if all the four options are correct but ONLY three options are chosen.
Partial Marks	: +2, if three or more options are correct but ONLY two options are chosen, both of which are correct options.
Partial Marks	: +1, if two or more options are correct but ONLY one option is chosen and it is a correct option.
Zero Marks	: 0, if none of the options is chosen (i.e. the question is unanswered).
Negative Marks	: -2, in all other cases.

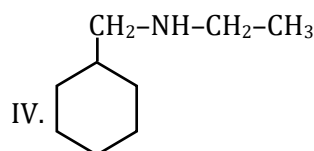
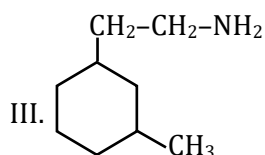
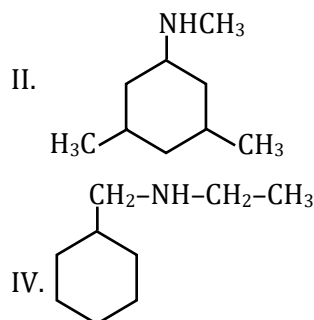
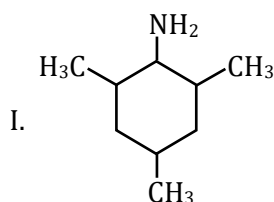
For Example : If first, third and fourth are the **ONLY** three correct options for a question with second option being an incorrect option; selecting only all the three correct options will result in +4 marks. Selecting only two of the three correct options (e.g. the first and fourth options), without selecting any incorrect option (second option in this case), will result in +2 marks. Selecting only one of the three correct options (either first or third or fourth option), without selecting any incorrect option (second option in this case), will result in +1 marks. Selecting any incorrect option(s) (second option in this case), with or without selection of any correct option(s) will result in -2 marks.

11. Tautomer in following is/are triad system :



CS1050

12. Which of the following is the correct relationship ?



(A) I and II are functional isomers
(C) I and IV are position isomers

(B) II and IV are metamers
(D) I and III are chain isomers

CS1051

13. Which of the following represent correct matching ?

- (A) $\text{CH}_3-\overset{\text{O}}{\parallel}{\text{C}}-\text{OH}$ and $\text{H}-\overset{\text{O}}{\parallel}{\text{C}}-\text{OCH}_3$ Metamers
(B) $\text{CH}_3-\text{CH}_2-\text{C}\equiv\text{CH}$ and $\text{CH}_3-\text{C}\equiv\text{C}-\text{CH}_3$ Position isomers
(C) $\text{CH}_3\text{CH}_2\text{CH}_2\text{NH}_2$ and $\text{CH}_3-\underset{\text{NH}_2}{\text{CH}}-\text{CH}_3$ Metamers
(D) $\text{CH}_3\text{CH}_2\text{OH}$ and $(\text{CH}_3)_2\text{O}$ Functional isomers

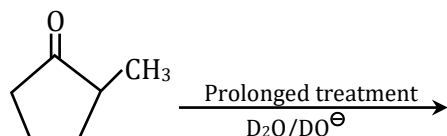
CS1052

SECTION-III

- This section contains **ONE** paragraph.
- Based on each paragraph, there are **TWO** questions.
- Each question has **FOUR** options (A), (B), (C) and (D) **ONLY ONE** of these four options is correct.
- For each question, darken the bubble corresponding to all the correct option.
- For each question, marks will be awarded in one of the following categories :
Full Marks : +4 if only (all) the correct option(s) is (are) chosen.
Zero Marks : 0 if none of the options is chosen (i.e. the question is unanswered).
Negative Marks : -1 in all other cases.

Paragraph for Q. 14 and 15

Keto-enol tautomerism is a dynamic equilibrium which depends on the stability of keto or enol. Tautomerism takes place in dilute acidic or basic medium.

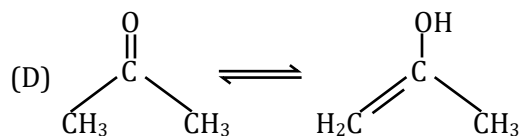
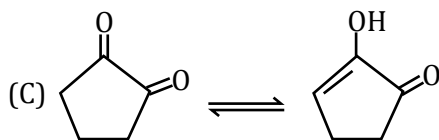
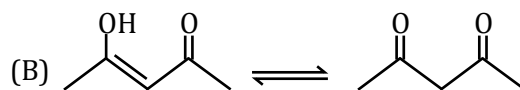
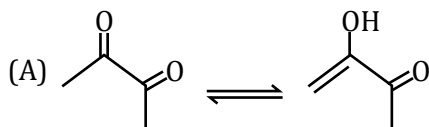


14. How many hydrogen atoms replaced by deuterium ?

- (A) 1 (B) 3 (C) 4 (D) 5

CS1053

15. The tautomerism having K_{eq} more than 1.0



CS1054

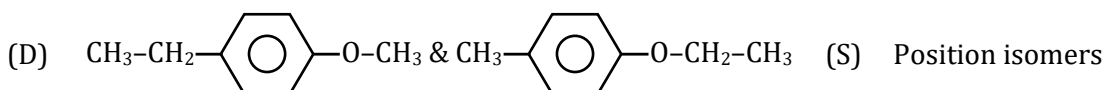
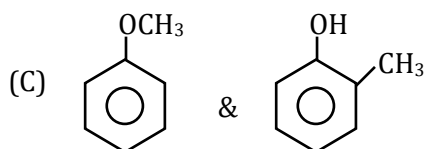
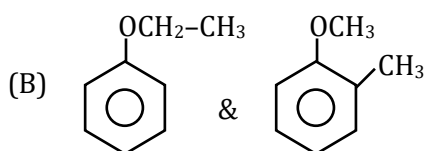
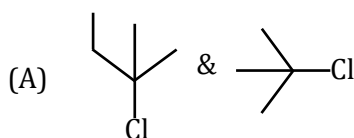
SECTION-IV

- This section contains **ONE** question.
- Each question has matching lists. The codes for the lists have choices (A), (B), (C) and (D) out of which **ONLY ONE** is correct
- For each question, marks will be awarded in one of the following categories :
 Full Marks : +3, if only the bubble corresponding to the correct option is darkened.
 Zero Marks : 0, if none of the bubbles is darkened.
 Negative Marks : -1, in all other cases.

Matrix Match Type :

16. Match the column I with column II.

Column-I



Column-II

(P) Homologs

(Q) Functional isomers

(R) Metamer

(S) Position isomers

- (A) A → P; B → R; C → Q; D → R
 (B) A → P; B → R; C → R; D → Q
 (C) A → R; B → P; C → Q; D → R
 (D) A → S; B → R; C → Q; D → R

CS1055

SECTION-V

- This section contains **FOUR** questions.
- The answer to each question is a **NUMERICAL VALUE**.
- For each question, enter the correct numerical value (in decimal notation, truncated/rounded-off to the second decimal place; e.g. 6.25, 7.00, -0.33, -.30, 30.27, -127.30, if answer is 11.36777..... then both 11.36 and 11.37 will be correct).
- Answer to each question will be evaluated according to the following marking scheme:
 Full Marks : +3, if ONLY the correct numerical value is entered as answer.
 Zero Marks : 0, in all other cases.

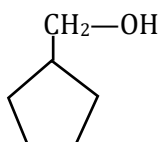
17. How many alcohols are structural isomers with the formula $C_5H_{12}O$?

CS1056

18. How many ethers (structural isomers) are possible for $C_5H_{12}O$?

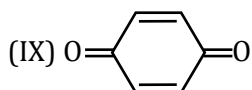
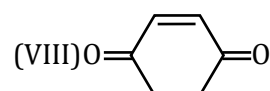
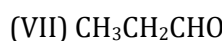
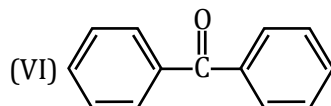
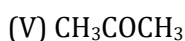
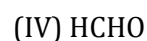
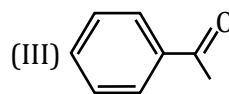
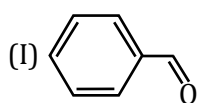
CS1057

19. How many positional isomers are possible for ?



CS1058

20. Among the following how many of them will show keto enol tautomerism ?



CS1059

ANSWER KEY

EXERCISE - O

Que.	1	2	3	4	5	6	7	8	9	10
Ans.	A	C	A	B	B	C	A	C	A	C
Que.	11	12	13	14	15					
Ans.	C	C	B	B	D					

EXERCISE - S

1.	4	2.	5	3.	8	4.	12	5.	4
6.	5	7.	3	8.	4	9.	5		

EXERCISE - JEE (Main) PYQ

Que.	1	2	3	4	5	6	7	8	9	10
Ans.	2	1	1	4	2	4	4	3	8	4

EXERCISE - JEE (Advanced) PYQ

Que.	1	2								
Ans.	C	ABCD								

JEE (Main) Practice Paper

Section-A	Q.	1	2	3	4	5	6	7	8	9	10
	A.	4	1	3	3	2	1	1	2	2	2
	Q.	11	12	13	14	15	16	17	18	19	20
	A.	3	3	3	4	3	2	3	3	1	4
Section-B	Q.	1	2	3	4	5	6	7	8	9	10
	A.	10	17	10	6	3	7	6	4	3	9

JEE (Advanced) Practice Paper

Section-I	Q.	1	2	3	4	5	6	7	8	9	10
	A.	B	D	D	D	B	A	B	A	C	B
Section-II	Q.	11	12	13							
	A.	ABC	ABD	BD							
Section-III	Q.	14	15								
	A.	B	C								
Section-IV	Q.	16									
	A.	A									
Section-V	Q.	17	18	19	20						
	A.	8	6	3	5						