

IIT – ORGANIC CHEMISTRY
NOMENCLATURE & COMMON NAME
EXERCISE # 3

**Corporate Office: NAIVEDHYAM, Plot No. SP-11, Old INOX, Indra Vihar,
Kota (Raj.) 324005**

RESULTS OF BEST MENTORSHIP BY THE NUCLEUS TEAM



AIR-1
CHITRAANG MURDIA
Gen. Category - 2014



AIR-3
GOVIND LAHOTI
Gen. Category - 2014



AIR-6
NISHIT AGARWAL
Gen. Category - 2012



AIR-8
AMEY GUPTA
Gen. Category - 2014

JEE MAIN RESULTS 2020 (January Attempt) OF NUCLEUS EDUCATION



100 Percentile
(Physics)
DAKSH Khandelwal
2020



100 Percentile
(Maths & Physics)
VAIBHAV SAHA
2020



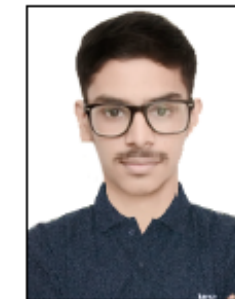
100 Percentile
(Physics)
ANISH MOHAN
2020



100 Percentile
(Maths)
ARCHIT PATNAIK
2020

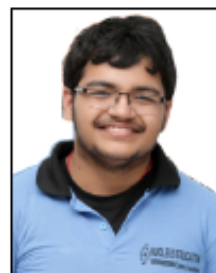


100 Percentile
(Maths)
SWAPNIL YASASVI
2020



100 Percentile
(Maths)
PARSHANT ARORA
2020

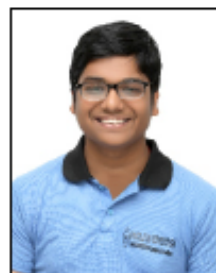
JEE ADVANCED RESULTS OF NUCLEUS EDUCATION



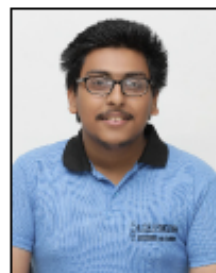
AIR-10
LAKSHAY SHARMA
Gen. Category - 2017



AIR-12
YATEESH AGRAWAL
Gen. Category - 2017



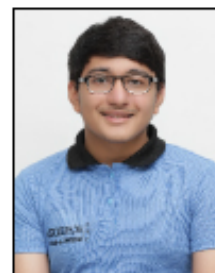
AIR-23
ABHEY GOYAL
Gen. Category - 2017



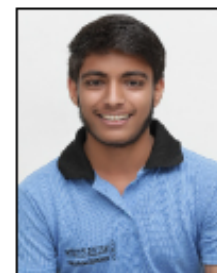
AIR-24
TUSHAR GAUTAM
Gen. Category - 2017



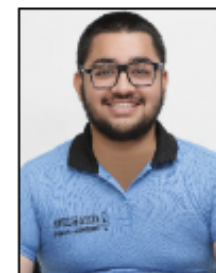
AIR-37
PIYUSH TIBAREWAL
Gen. Category - 2017



AIR-42
SATVIK
Gen. Category - 2017



AIR-66
MAYANK DUBEY
Gen. Category - 2017



AIR-98
HRITHIK
Gen. Category - 2017



AIR-20
SHASHANK AGRAWAL
Gen. Category - 2018



AIR-27
RAAGHAV RAAJ
Gen. Category - 2018



AIR-32
SHREYA PATHAK
Gen. Category - 2018



AIR-61
SIDDHANT CHOUDHARY
Gen. Category - 2018



AIR-67
ANISWAR S KRISHNAN
Gen. Category - 2018
DLP



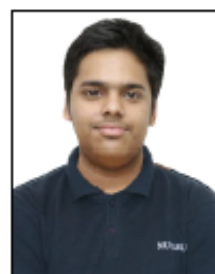
AIR-78
AAYUSH KADAM
Gen. Category - 2018



AIR-61
SARTHAK BEHERA
Gen. Category - 2018
*SDCCP



AIR-91
ANDREWS G. VARGHESE
Gen. Category - 2018
*SDCCP



AIR-2
HIMANSHU GAURAV SINGH
Gen. Category - 2019
*SDCCP



AIR-19
VIBHAV AGGARWAL
Gen. Category - 2019



AIR-33
S. PRAJEETH
Gen. Category - 2019
*SDCCP



AIR-48
SOHAM MISTRI
Gen. Category - 2019
DLP



AIR-51
SAYANTAN DHAR
Gen. Category - 2019
DLP



AIR-53
GAURAV KRISHAN GUPTA
Gen. Category - 2019
DLP



AIR-86
SATVIK JAIN
Gen. Category - 2019

EXERCISE - III

- Q.1 Which of the following pairs have absence of carbocyclic ring in both compounds?
(A) Pyridine, Benzene (B) Benzene, Cyclohexane
(C) Cyclohexane, Furane (D) Furane, Pyridine
- Q.2 The commercial name of trichloroethene is:
(A) Westron (B) Perclene (C) Westrosol (D) Orlone
- Q.3 A substance containing an equal number of primary, secondary and tertiary carbon atoms is:
(A) Mesityl Oxide (B) Mesitylene (C) Maleic acid (D) Malonic acid

Q.4 The IUPAC name of the compound Glycerine $\text{CH}_2 - \text{CH} - \text{CH}_2$ is:

$$\begin{array}{ccc} | & | & | \\ \text{OH} & \text{OH} & \text{OH} \end{array}$$

(A) 1,2,3-Tri hydroxy propane

(B) 3-Hydroxy pentane-1,5-diol

(C) 1,2,3-Hydroxy propane

(D) Propane-1,2,3-triol

Q.5 Which of the following is crotonic acid:

(A) $\text{CH}_2 = \text{CH} - \text{COOH}$

(B) $\text{C}_6\text{H}_5 - \text{CH} = \text{CH} - \text{COOH}$

(C) $\text{CH}_3 - \text{CH} = \text{CH} - \text{COOH}$

(D) $\begin{array}{c} \text{CH} - \text{COOH} \\ || \\ \text{CH} - \text{COOH} \end{array}$

Q.6 The group of heterocyclic compounds is:

(A) Phenol, Furane

(B) Furane, Thiophene

(C) Thiophene, Phenol

(D) Furane, Aniline

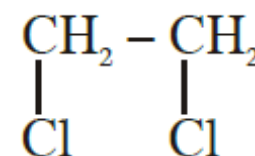
Q.7

Column - I
(Common Name)

Column - II
(Structural formula)

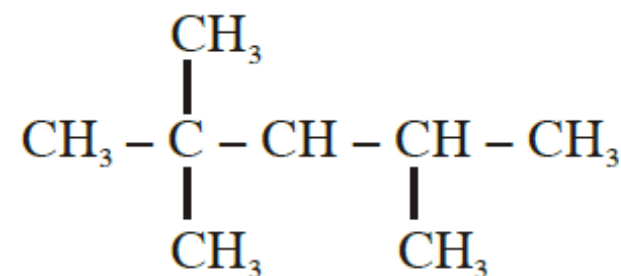
(A) Isooctane

(P)



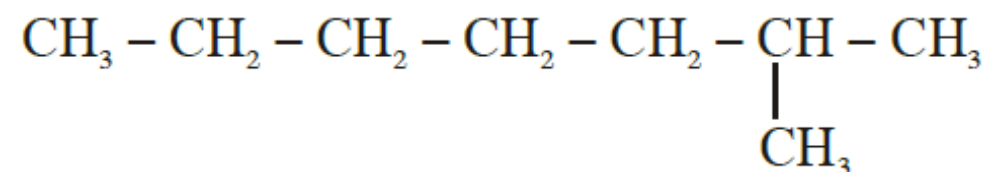
(B) Neopentane

(Q)



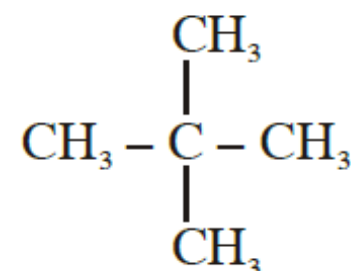
(C) Ethylidene chloride
(Geminal dihalide)

(R)

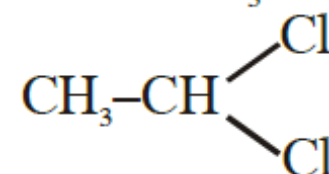


(D) Ethylene Dichloride
(Vicinal dihalide)

(S)



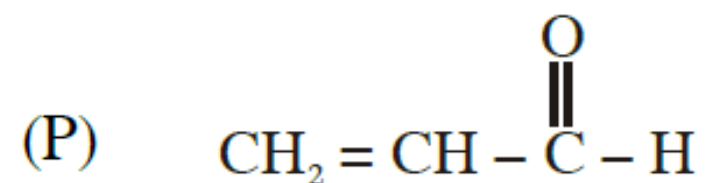
(T)



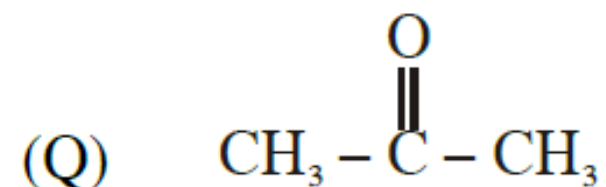
Q.8

Column - I
(Common Name)**Column - II**
(Structural formula)

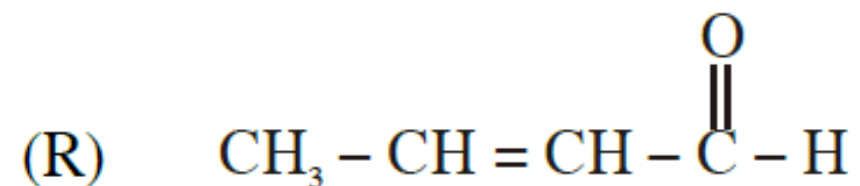
(A) Acetone



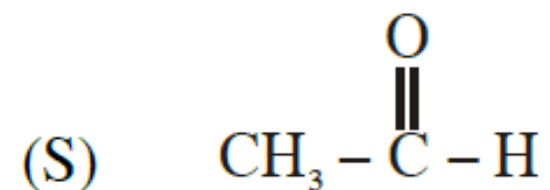
(B) Acetaldehyde



(C) Crotonaldehyde



(D) Acrolein



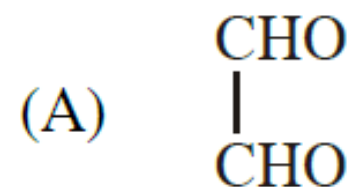
Q.9

Column - I

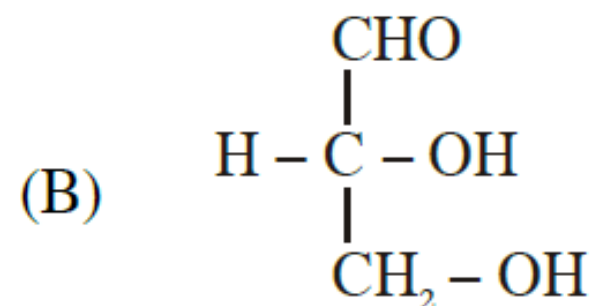
(Common Name)

Column - II

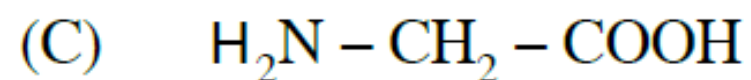
(Structural formula)



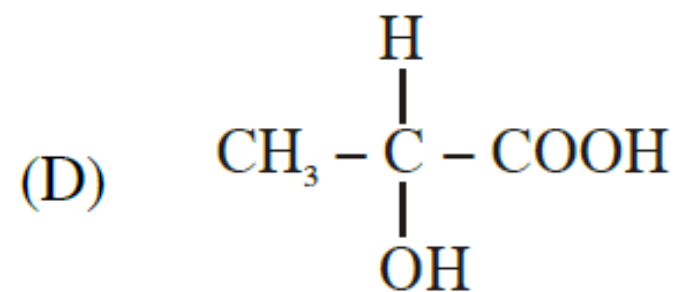
(P) Lactic acid (In milk)



(Q) Glyoxal



(R) Glyceraldehyde



(S) Glycine

(T) Glycerol

Q.10

Column - I
(Common Name)

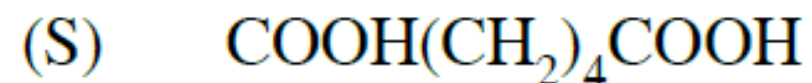
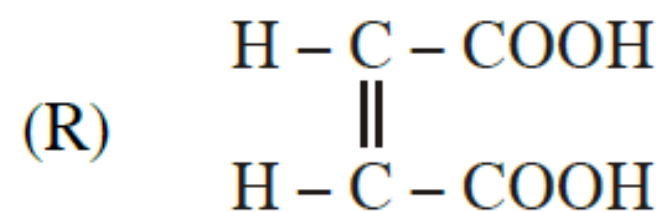
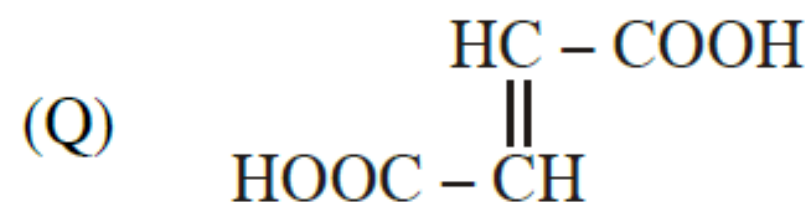
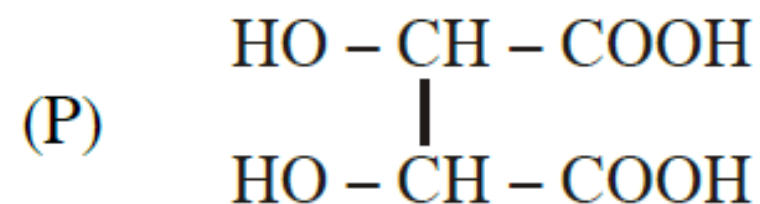
(A) Fumaric acid

(B) Adipic acid

(C) Maleic acid

(D) Tartaric acid

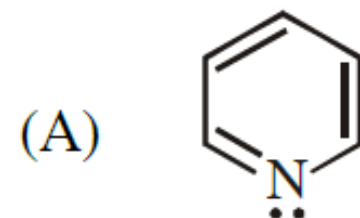
Column - II
(Structural formula)



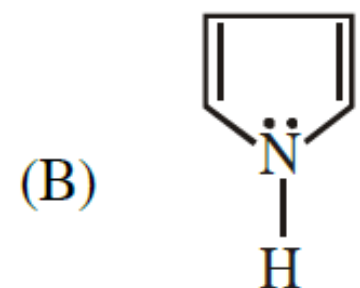
Q.11

Column - I
(Common Name)

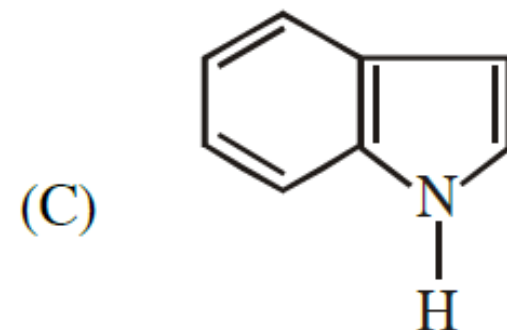
Column - II
(Structural formula)



(P) Pyrrole



(Q) Furan



(R) Thiophene



(S) Indol

(T) Pyridine

Q.12

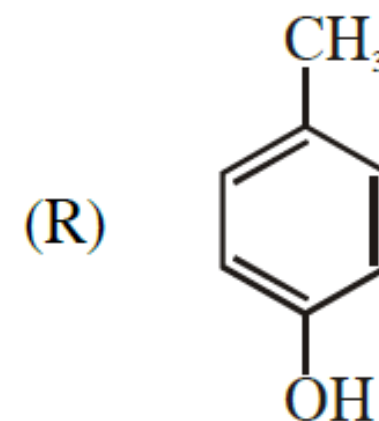
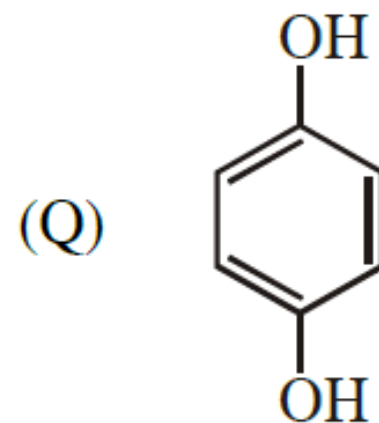
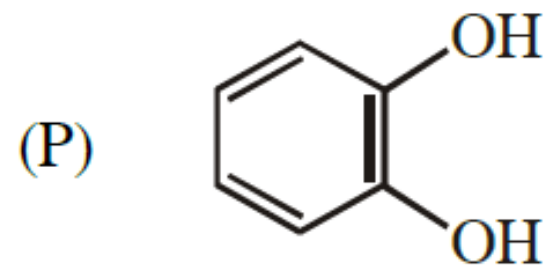
Column - I
(Common Name)

(A) p-Cresol

(B) p-Xylene

(C) Resorcinol

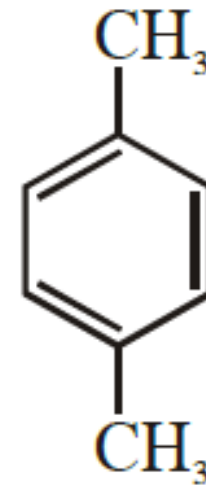
Column - II
(Structural formula)



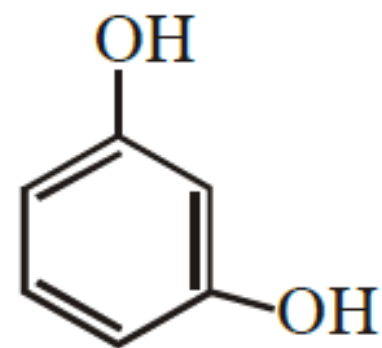
(D) Quinol

(E) Catechol

(S)

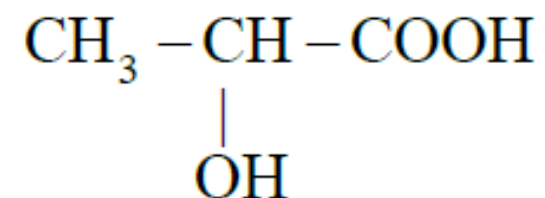


(T)

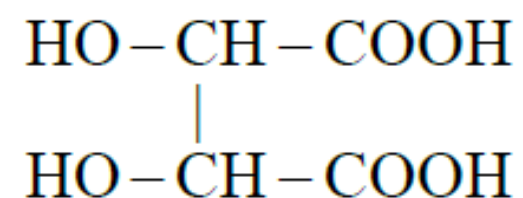


Q.13 Which of the following is not correctly matched:

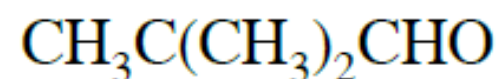
(A) Lactic acid



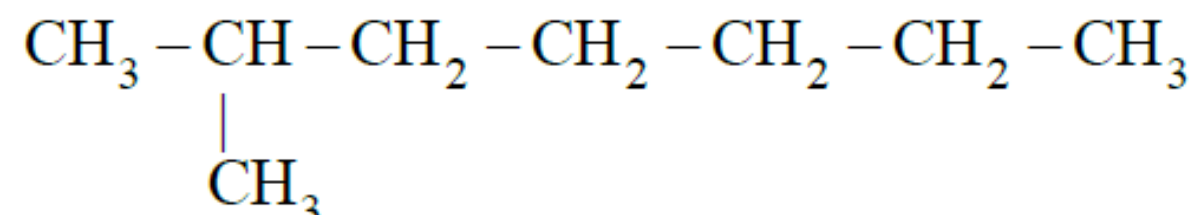
(B) Tartaric acid



(C) Pivaldehyde



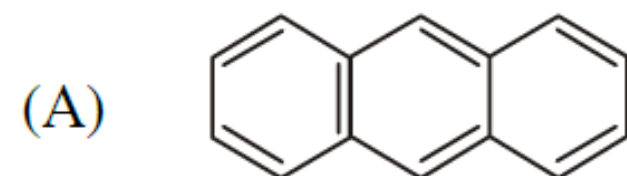
(D) Iso-octane



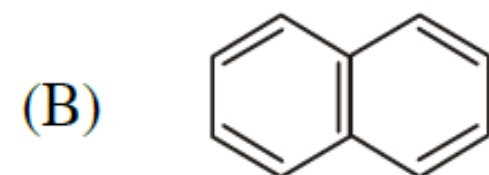
Q.14

Column - I

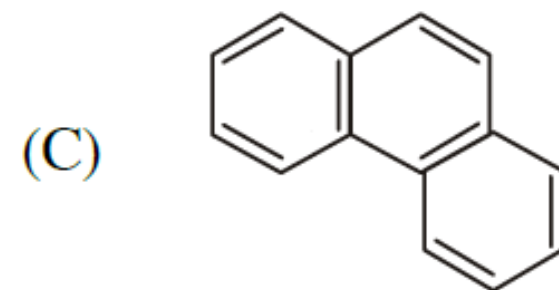
Column - II



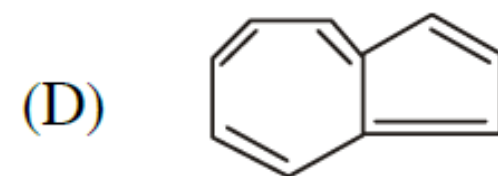
(P) Phenanthrene



(Q) Anthracene



(R) Azulene



(S) Naphthalene

Result JEE Main

Result Highlights 2019



100 Percentile
HIMANSHU GAURAV SINGH
2019 (*SDCCP)



99.99 Percentile
GAURAV KRISHAN GUPTA
2020 (DLP)



99.98 Percentile
SARTHAK ROUT
2020 (CCP)



99.98 Percentile
VIBHAV AGGARWAL
2019 (JCP)



99.97 Percentile
RITVIK GUPTA
2020 (DLP)



99.97 Percentile
BHAVYA JAIN
2020 (CCP)



99.96 Percentile
AYUSH PATTNAIK
2019 (JCP)



99.96 Percentile
SAYANTAN DHAR
2020 (DLP)

Result Highlights 2018



Sarthak Behera



Shashank Agrawal



Shreya Pathak



Raaghav Raaj

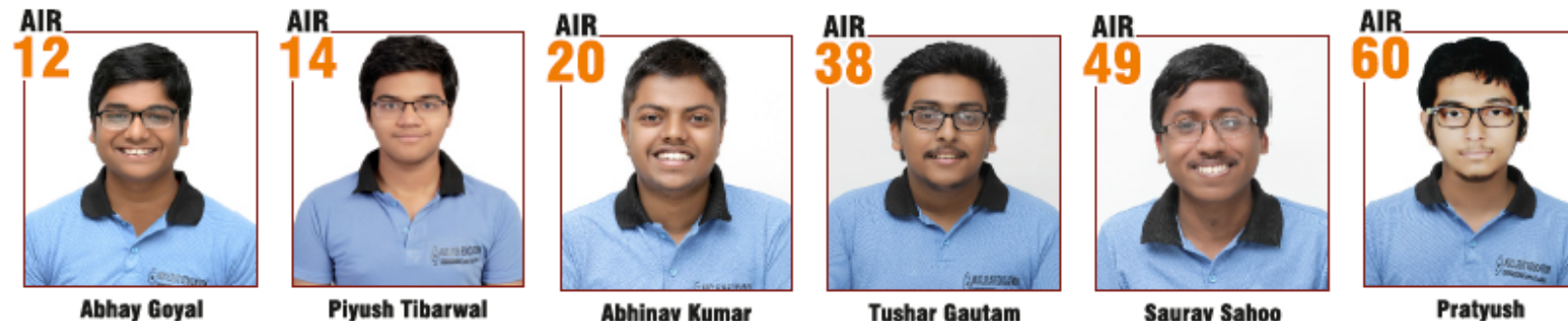


Aayush Kadam



Gunjan

Result Highlights 2017



Mentored by Team

