



**Resonance<sup>®</sup>**  
Educating for better tomorrow

# JEE (MAIN) 2026

MEMORY BASED QUESTIONS & TEXT SOLUTION

SHIFT-2

**DATE & DAY:** 04<sup>th</sup> April 2026 & Saturday

**PAPER-1**

**Duration:** 3 Hrs.

**Time:** 03:00 PM – 06:00 PM

**SUBJECT: CHEMISTRY**

Selections in JEE (Advanced)/  
IIT-JEE Since 2002

**52979**

Classroom: 35901 | Distance: 17078

Selections in JEE (Main)/  
AIEEE Since 2009

**262693**

Classroom: 194471 | Distance: 68222

Selections in NEET (UG)/  
AIPMT/AIIMS Since 2012

**22733**

Classroom: 15409 | Distance: 7324

**Admission Open for 2026-27**

**Target:** JEE (Advanced) | JEE (Main) | NEET (UG) | PCCP (Class V to X)

**100% Scholarship** on the basis of Class 10<sup>th</sup>, 12<sup>th</sup>  
& JEE (Main) 2026 %ile / AIR

☎ 0744-2777777 | 📞 73400 10345 | Follow Us: @ResonanceEdu | @Resonance\_Edu

REGISTERED & CORPORATE OFFICE (CIN: U80302RJ2007PLC024029):

CG Tower, A-46 & 52, IPIA, Near City Mall, Jhalawar Road, Kota (Rajasthan) - 324005

☎ 0744-2777777 | 📞 73400 10345 | 📧 contact@resonance.ac.in | 🌐 www.resonance.ac.in | Follow Us: @ResonanceEdu | @Resonance\_Edu

This Solution was download from Resonance JEE (Main) 2026 Solution Portal

## PART : CHEMISTRY

1. 20 ml of  $\text{CH}_3\text{COOH}$  solution is neutralised by 28.08 ml of  $\text{NaOH}$ . In the 20 ml of same solution 14.04 ml of same  $\text{NaOH}$  solution is poured, then pH of resultant solution will be :  
( $\text{pK}_a$  of  $\text{CH}_3\text{COOH} = 4.75$ )

(1) 4.75                      (2) 7                      (3) 3.5                      (4) 4.5

**Ans. (1)**

**Sol.**  $\text{CH}_3\text{COOH} + \text{NaOH} \rightarrow \text{CH}_3\text{COO}^-\text{Na}^+ + \text{H}_2\text{O}$  In the experiment 1,28.08ml is required for complete neutralization therefore for 14.04 ml half equivalence point will be achieved to form acidic buffer.

$$\text{pH} = \text{pK}_a \text{ of } \text{CH}_3\text{COOH} + \log \left[ \frac{\text{Salt}}{\text{acid}} \right]$$

$$\text{pH} = \text{pK}_a = 4.75$$

2. Which of the following have same radius according to Bohr's theory :

(A) Radius of I<sup>st</sup> orbit of H<sup>-</sup> atom.

(B) Radius of I<sup>st</sup> orbit of  $\text{He}^+$ .

(C) Radius of II<sup>nd</sup> orbit of  $\text{He}^+$ .

(D) Radius of II<sup>nd</sup> orbit of  $\text{Li}^{2+}$ .

(E) Radius of II<sup>nd</sup> orbit of  $\text{Be}^{3+}$ .

(1) A and B

(3) B, C and E

(2) A and E

(4) A and D

**Ans. (2)**

**Sol.** Radius of  $n^{\text{th}}$  orbit =  $0.529\text{Å} \frac{n^2}{Z} = a_0 \frac{n^2}{Z}$

(A)  $r = a_0 \left[ \frac{1^2}{1} \right] = a_0$

(B)  $r = a_0 \left[ \frac{1^2}{2} \right] = \frac{a_0}{2}$

(C)  $r = a_0 \left[ \frac{2^2}{2} \right] = 2a_0$

(D)  $r = a_0 \left[ \frac{2^2}{3} \right] = \frac{4a_0}{3}$

(E)  $r = a_0 \left[ \frac{2^2}{4} \right] = a_0$

3. From given data

(I) 90.8 lit of  $\text{H}_2$  (g) at STP

(II) 684 gm of sucrose

(III) 2 moles of cyclohexane

Correct order of total number of atoms will be

(1) (I) > (II) > (III)

(2) (III) > (II) > (I)

(3) (II) > (III) > (I)

(4) (I) > (III) > (II)

**Ans. (3)**

**Sol.** (I) moles of  $\text{H}_2 = \frac{90.8}{22.7} = 4$  moles

Moles of atom of H = 8 moles

(II)  $\text{C}_{12}\text{H}_{22}\text{O}_{11}$

$$n_{\text{sucrose}} = \frac{684}{342} = 2$$

moles of atoms =  $45 \times 2 = 90$  moles

(III) moles of atoms in  $\text{C}_6\text{H}_{12}$

$$= 2 \times 18$$

$$= 36 \text{ moles}$$

## Resonance Eduventures Ltd.

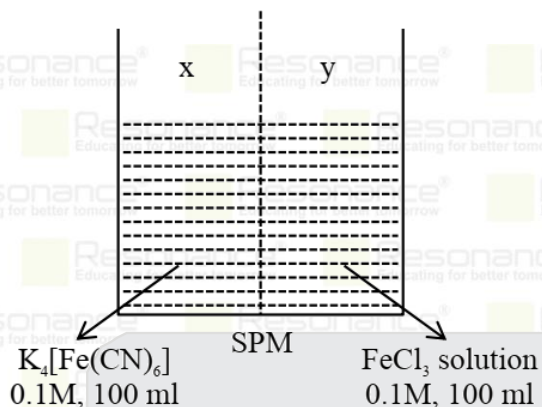
**Reg. Office & Corp. Office :** CG Tower, A-46 & 52, IPIA, Near City Mall, Jhalawar Road, Kota (Raj.) - 324005

**Ph. No.:** +91-744-2777777, 2777700 | **FAX No.:** +91-022-39167222

**To Know more :** sms RESO at 56677 | **Website :** www.resonance.ac.in | **E-mail :** contact@resonance.ac.in | **CIN :** U80302RJ2007PLC024029

**Toll Free :** 1800 258 5555 |  7340010333 |  facebook.com/ResonanceEdu |  twitter.com/ResonanceEdu |  www.youtube.com/resowatch |  blog.resonance.ac.in

4.



Which of the following is correct for above figure

- (1) y is hypotonic solution
- (2) Both compartment will have blue colour
- (3) To perform reverse osmosis, any pressure can be applied on x -side
- (4) Solute can pass through semi-permeable membrane.

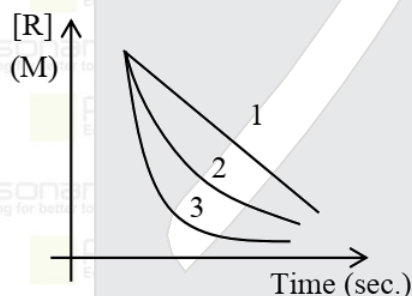
Ans. (1)

Sol. On x-side  $i = 5$                       On y-side  $i = 4$

So  $\pi_x > \pi_y$

- (A) x  $\rightarrow$  hypertonic, y-hypotonic
- (B) only solvent molecule passes, so no blue colour
- (C) pressure applied should be more than  $\Delta(\pi)$  but not any pressure
- (D) only solvent molecule passes through SPM.

5. For the reaction :  $R \rightarrow P$



- I. Curve 1 will be observed when order of reaction is 1 .
- II. If curve 2 & curve 3 are observed for 1<sup>st</sup> order then rate constant for 3<sup>rd</sup> curve will be greater than rate constant for 2<sup>nd</sup> curve.
- III. Decomposition of HI on gold surface represent curve (1).

Select the option representing correct set of statements :-

- (1) I, II, III                      (2) I, II                      (3) II, III                      (4) I, III

Ans. (3)

Sol. (I) curve (1) will be for zero order reaction  
(II)  $K_3 > K_2$   
(III) Zero order

## Resonance Eduventures Ltd.

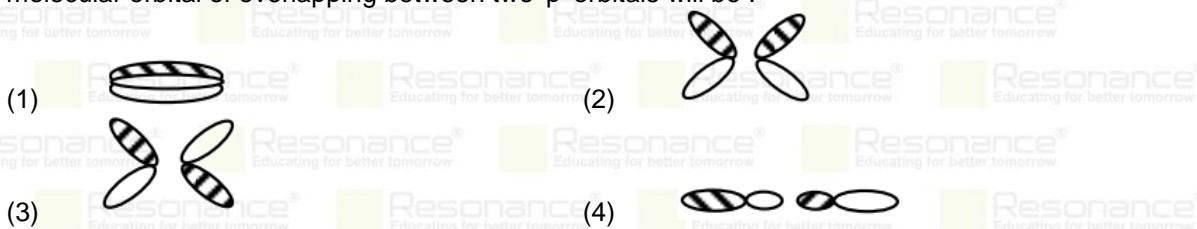
Reg. Office & Corp. Office : CG Tower, A-46 & 52, IPIA, Near City Mall, Jhalawar Road, Kota (Raj.) - 324005

Ph. No.: +91-744-2777777, 2777700 | FAX No. : +91-022-39167222

To Know more : sms RESO at 56677 | Website : www.resonance.ac.in | E-mail : contact@resonance.ac.in | CIN : U80302RJ2007PLC024029

Toll Free : 1800 258 5555    7340010333    facebook.com/ResonanceEdu    twitter.com/ResonanceEdu    www.youtube.com/resowatch    blog.resonance.ac.in

6. Assume internuclear axis to be z-axis, the correct molecular orbital representation of  $\pi^*$  antibonding molecular orbital of overlapping between two 'p' orbitals will be :



Ans. (3)

Sol. For internuclear axis 'z'



7. When 3.395g  $C_2H_5OH(\ell)$  is burnt completely, it liberate 101.11 kJ of heat, then find the enthalpy of formation of  $C_2H_5OH(\ell)$

Given  $\Delta H_f^\circ$  of  $H_2O(\ell) = -285.8$  kJ/mol

$\Delta H_c^\circ$  of graphite =  $-393.5$  kJ/mol

(1)  $-274.43$  kJ/mol

(2)  $-548.86$  kJ/mol

(3)  $-683.5$  kJ/mol

(4)  $-872.1$  kJ/mol

Ans. (1)

Sol.  $C_2H_5OH(\ell) + 3O_2(g) \rightarrow 2CO_2(g) + 3H_2O(\ell)$

Moles of  $C_2H_5OH(\ell) = \frac{3.395}{46} = 0.0738$  mole

Heat liberated by combustion of 1 mole  $C_2H_5OH(\ell)$

$$= \frac{101.11}{0.0738}$$

$$= 1369.97 \text{ kJ/mol}$$

$$\Delta_r H^\circ = -1369.97 \text{ kJ/mol}$$

$$\Delta H_c^\circ \text{ of graphite} = \Delta H_f^\circ \text{ of } CO_2$$

$$\Delta_r H^\circ = 2 \times \Delta H_f^\circ(CO_2) + 3 \times \Delta H_f^\circ(H_2O) - \Delta H_f^\circ(C_2H_5OH)$$

$$-1369.97 = 2 \times (-393.5) + 3 \times (-285.8) - \Delta H_f^\circ(C_2H_5OH)$$

$$\Delta H_f^\circ(C_2H_5OH) = -274.43 \text{ kJ/mol}$$

8. If first ionization enthalpy of Mg is 738 kJ/mol then second ionization enthalpy of Mg in kJ/mol will be :

(1)  $-640$  kJ/mol

(2)  $-527$  kJ/mol

(3)  $658$  kJ/mol

(4)  $1450$  kJ/mol

Ans. (4)

Sol. Since successive ionization energy increases thus  $IE_2 > IE_1$

9. Element 'M' of group 13 has same electronegativity as Ge.

Consider the statements

(A)  $M^{+3}$  is good oxidizing agent

(B)  $M^{+3}$  is good reducing agent

(C)  $E_{M^{3+}/M}^0 > 0$

(D)  $M^{+3}$  is more stable than  $M^\oplus$

Which of the following is correct?

(1) A & D

(2) A & C

(3) B & D

(4) A & D

Ans. (2)

## Resonance Eduventures Ltd.

Reg. Office & Corp. Office : CG Tower, A-46 & 52, IPIA, Near City Mall, Jhalawar Road, Kota (Raj.) - 324005

Ph. No.: +91-744-2777777, 2777700 | FAX No. : +91-022-39167222

To Know more : sms RESO at 56677 | Website : www.resonance.ac.in | E-mail : contact@resonance.ac.in | CIN : U80302RJ2007PLC024029

Toll Free : 1800 258 5555 | 7340010333 | [facebook.com/ResonanceEdu](https://www.facebook.com/ResonanceEdu) | [twitter.com/ResonanceEdu](https://twitter.com/ResonanceEdu) | [www.youtube.com/resowatch](https://www.youtube.com/resowatch) | [blog.resonance.ac.in](https://blog.resonance.ac.in)

**Sol.** EN based on Pauling scale of Ge = 1.8 in group 13 ; EN of Tℓ = 1.8

Element ' M ' is Tℓ

⇒ Tℓ<sup>3+</sup> is a good oxidizing agent

⇒ E°(Tℓ<sup>3+</sup>/Tℓ) = +1.26 V

⇒ Tℓ<sup>+</sup> is more stable than Tℓ<sup>3+</sup>

**10.** Consider the following elements.

Hf[z = 72]; Yb[z = 70]; Lu[z = 71]

Gd[z = 64]; Eu[z = 63]; Tm[z = 69]

Dy [z = 66]; Er[z = 68]

A : [Hf, Yb]

B : [Gd, Eu]

C : [Lu, Tm]

D : [Er, Dy]

The pair which contains same number of ' f ' electrons.

(1) A and B

(2) B and C

(3) C and D

(4) A and D

**Ans. (1)**

**Sol.** Hf – [Xe]4f<sup>14</sup>6 s<sup>2</sup>5 d<sup>2</sup>

Yb – [Xe]4f<sup>14</sup>6 s<sup>2</sup>

Lu – [Xe]4f<sup>14</sup>5 d<sup>1</sup>6 s<sup>2</sup>

Gd – [Xe]4f<sup>7</sup>5 d<sup>1</sup>6 s<sup>2</sup>

Eu – [Xe]4f<sup>7</sup>6 s<sup>2</sup>

Tm – [Xe]4f<sup>13</sup>6 s<sup>2</sup>

Dy – [Xe]4f<sup>10</sup>6 s<sup>2</sup>

Er – [Xe]4f<sup>12</sup>6 s<sup>2</sup>

**11.** Which of the following ion forms a precipitate on addition of NH<sub>4</sub>OH and H<sub>2</sub> S.

(1) Pb<sup>2+</sup>

(2) Mn<sup>2+</sup>

(3) Cu<sup>2+</sup>

(4) Fe<sup>3+</sup>

**Ans. (2)**

**Sol.** All should give ppt. but according to group reagent answer should be (2)

NH<sub>4</sub>OH and H<sub>2</sub> S are used for analysis of group IV cations [Ni<sup>2+</sup>, Co<sup>2+</sup>, Mn<sup>2+</sup>, Zn<sup>2+</sup>]

**12.** Consider the following complex compounds

(A) [Ni(NH<sub>3</sub>)<sub>6</sub>]<sup>2+</sup>

(B) [NiCl<sub>4</sub>]<sup>2-</sup>

(C) [Ni(en)<sub>3</sub>]<sup>2+</sup>

The number of unpaired electrons in A , B and C respectively and order of frequency of absorbed radiation among A, B and C is :

(1) 2, 2, 2 and C > A > B

(2) 0,2,2 and A > B > C

(3) 2, 2, 0 and A > C > B

(4) 2, 2, 2 and C > B > A

**Ans. (1)**

**Sol.** (A) Ni<sup>2+</sup>3 d<sup>8</sup> SFL t<sub>2g</sub><sup>2,2,2</sup> e<sub>g</sub><sup>1,1</sup> n = 2

(B) Ni<sup>2+</sup>3 d<sup>8</sup> tetrahedral e<sub>2</sub><sup>2,2</sup> t<sub>2</sub><sup>1,1</sup> n = 2

(C) Ni<sup>2+</sup>3 d<sup>8</sup> SFLt<sub>2g</sub><sup>2,2,2</sup> e<sub>g</sub><sup>1,1</sup> n = 2

Ligand strength : en > NH<sub>3</sub> > Cl.

**13.** If |x| represents the difference in maximum oxidation state possible for Mn in its oxide and in its fluoride. Among the following ions, which ions contain unpaired electrons equal to |x|.

(A) Zn<sup>2+</sup>

(B) Fe<sup>2+</sup>

(C) Co<sup>2+</sup>

(D) V<sup>2+</sup>

(E) Sc<sup>3+</sup>

(1) A and E

(2) C and D

(3) B and C

(4) B and D

**Ans. (2)**

## Resonance Eduventures Ltd.

Reg. Office & Corp. Office : CG Tower, A-46 & 52, IPIA, Near City Mall, Jhalawar Road, Kota (Raj.) - 324005

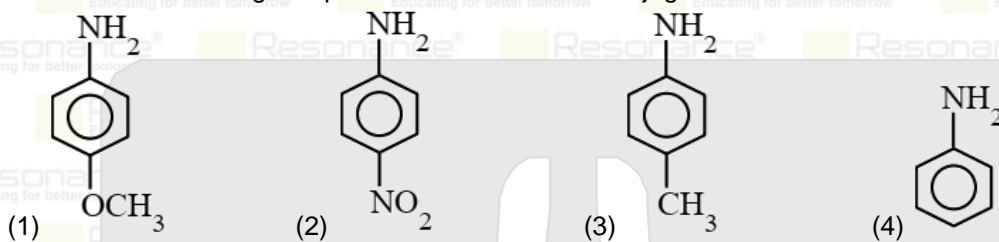
Ph. No.: +91-744-2777777, 2777700 | FAX No. : +91-022-39167222

To Know more : sms RESO at 56677 | Website : www.resonance.ac.in | E-mail : contact@resonance.ac.in | CIN : U80302RJ2007PLC024029

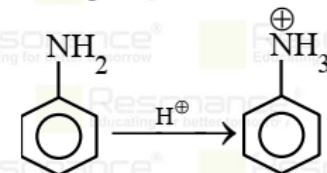
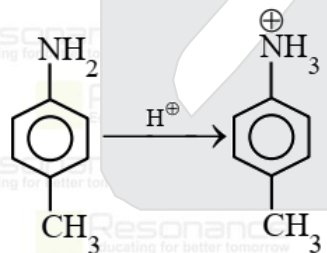
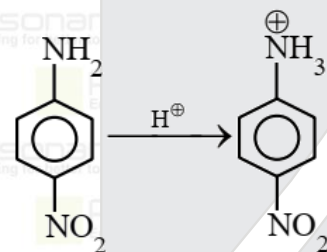
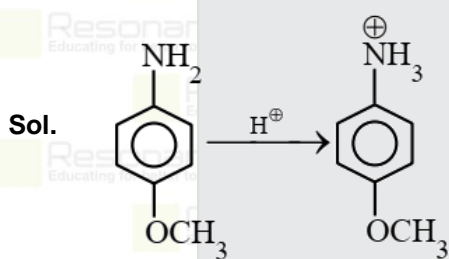
Toll Free : 1800 258 5555 | 7340010333 | facebook.com/ResonanceEdu | twitter.com/ResonanceEdu | www.youtube.com/resowatch | blog.resonance.ac.in

Sol. Oxide of Mn in highest O.S. =  $Mn_2O_7[Mn^{+7}]$   
 Fluoride of Mn in highest O.S. =  $MnF_4[Mn^{+4}]$   
 $\Rightarrow$  Difference in O.S. =  $|x| = 3$   
 $Zn^{2+} \& Sc^{+3} \Rightarrow 0$  unpaired  $e^-$   
 $Fe^{+2} \Rightarrow 4$  unpaired  $e^-$   
 $Co^{+2} \Rightarrow 3$  unpaired  $e^-$   
 $V^{+2} \Rightarrow 3$  unpaired  $e^-$

14. Which of the following compound has most stable conjugate acid?



Ans. (1)



## Resonance Eduventures Ltd.

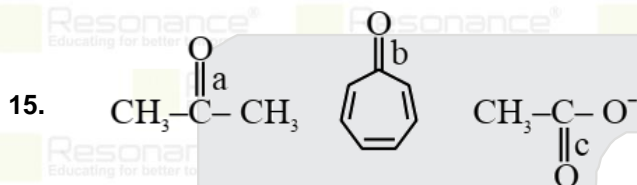
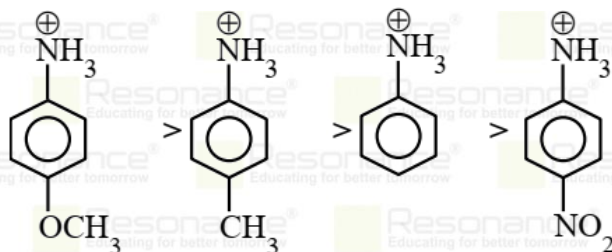
Reg. Office & Corp. Office : CG Tower, A-46 & 52, IPIA, Near City Mall, Jhalawar Road, Kota (Raj.) - 324005

Ph. No.: +91-744-2777777, 2777700 | FAX No. : +91-022-39167222

To Know more : sms RESO at 56677 | Website : www.resonance.ac.in | E-mail : contact@resonance.ac.in | CIN : U80302RJ2007PLC024029

Toll Free : 1800 258 5555  7340010333  facebook.com/ResonanceEdu  twitter.com/ResonanceEdu  www.youtube.com/resowatch  blog.resonance.ac.in

Stability order of conjugated acid :



Compare C—O bond length?

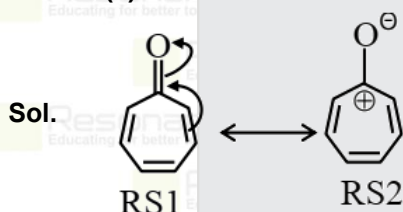
(1)  $b > a > c$

(2)  $b > c > a$

(3)  $a > b > c$

(4)  $c > a > b$

Ans. (2)



Quasi aromatic

C—O bond length is maximum in compound (b) because RS2 of this compound has aromatic character.

16.

Match the column-I with column-II			
Column-I		Column-II	
(A)		(P)	Hinsberg reagent
(B)		(Q)	Tollen's reagent
(C)		(R)	Lucas reagent
(D)		(S)	Phthalein dye test

## Resonance Eduventures Ltd.

Reg. Office & Corp. Office : CG Tower, A-46 & 52, IPIA, Near City Mall, Jhalawar Road, Kota (Raj.) - 324005

Ph. No.: +91-744-2777777, 2777700 | FAX No. : +91-022-39167222

To Know more : sms RESO at 56677 | Website : www.resonance.ac.in | E-mail : contact@resonance.ac.in | CIN : U80302RJ2007PLC024029

Toll Free : 1800 258 5555 | 7340010333 | facebook.com/ResonanceEdu | twitter.com/ResonanceEdu | www.youtube.com/resowatch | blog.resonance.ac.in

(1) A-P, B-Q, C-S, D-R

(3) A-S, B-R, C-P, D-Q

(2) A-R, B-S, C-Q, D-P

(4) A-P, B-R, C-Q, D-S

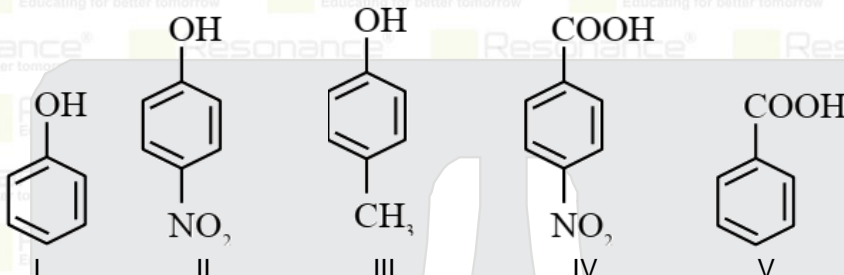
Ans. (1)

Sol. Aniline gives +ve test with Hinsberg reagents.

Benzaldehyde gives +ve test with Tollen's reagent Phenol gives +ve Phthalein dye test

Isopropanol gives +ve Lucas test.

17. Compare acidic strength of following:



(1) II > IV > V > III > I

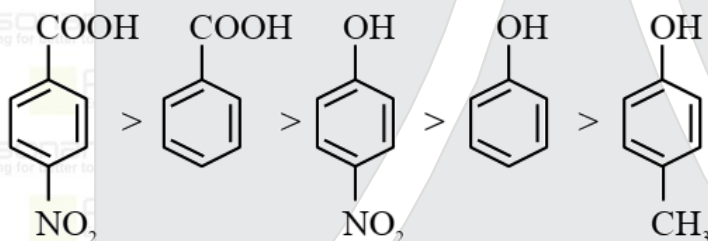
(3) IV > V > II > I > III

(2) IV > V > III > I > II

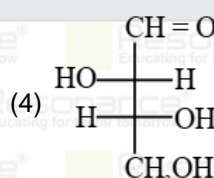
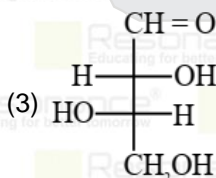
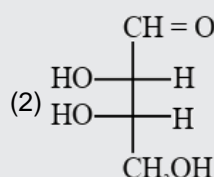
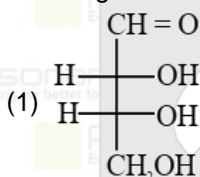
(4) IV > II > I > V > III

Ans. (3)

Sol. Order of acidic strength



18. Product of D-aldotetroses with conc.  $\text{HNO}_3$  gives optically inactive dicarboxylic acid. Which among the following will be D-Aldotetrose in the given structures?



Ans. (1)

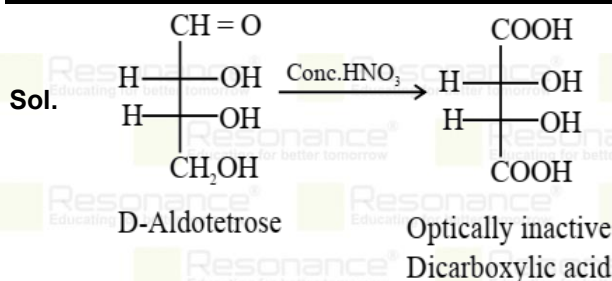
## Resonance Eduventures Ltd.

Reg. Office & Corp. Office : CG Tower, A-46 & 52, IPIA, Near City Mall, Jhalawar Road, Kota (Raj.) - 324005

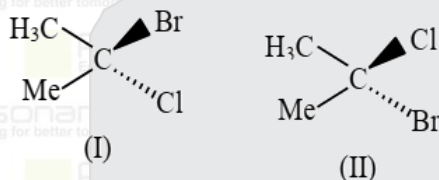
Ph. No.: +91-744-2777777, 2777700 | FAX No. : +91-022-39167222

To Know more : sms RESO at 56677 | Website : www.resonance.ac.in | E-mail : contact@resonance.ac.in | CIN : U80302RJ2007PLC024029

Toll Free : 1800 258 5555 | 7340010333 | [facebook.com/ResonanceEdu](https://www.facebook.com/ResonanceEdu) | [twitter.com/ResonanceEdu](https://twitter.com/ResonanceEdu) | [www.youtube.com/resowatch](https://www.youtube.com/resowatch) | [blog.resonance.ac.in](https://blog.resonance.ac.in)



19. Relationship between following pair of compounds?



- (1) Enantiomer  
(3) Diastereomer

- (2) Identical  
(4) Constitutional isomer

Ans. (2)

Sol. Theory based

20. Match the column-I with column-II

Column-I		Column-II	
(i)	Friedel craft reaction	(P)	Electrophilic substitution
(ii)	Williamson's ether synthesis	(Q)	Nucleophilic substitution
(iii)	Chlorination of alkane in presence of sunlight	(R)	Free radical substitution
(iv)	Br <sub>2</sub> /CHCl <sub>3</sub>	(S)	Electrophilic addition

- (1) i → R, ii → S, iii → Q, iv → P  
(3) i → P, ii → Q, iii → S, iv → R

- (2) i → Q, ii → P, iii → R, iv → S  
(4) i → P, ii → Q, iii → R, iv → S

Ans. (4)

Sol. Theory based

21. Given that :

$$E_{\text{Fe}^{3+}/\text{Fe}}^{\circ} = -0.036 \text{ V} \text{ \& } E_{\text{M}^{x+}/\text{M}}^{\circ} = 0.15 \text{ V}$$

A Galvanic cell is formed by using above electrodes, whose  $E_{\text{cell}}$  is 0.2047 V when reaction quotient of cell reaction is  $10^{-2}$ . Find the value of x. [Nearest integer]

Ans. (2)

Sol. Anode :  $\text{Fe}(s) \rightarrow \text{Fe}^{3+}(aq) + 3e^{-}$

Cathode :  $\text{M}^{x+}(aq) + xe^{-} \rightarrow \text{M}(s)$

$3\text{M}^{x+} + x\text{Fe}(s) \rightarrow 3\text{M}(s) + x\text{Fe}^{3+}$

$$E_{\text{cell}}^{\circ} = 0.15 + 0.036 = 0.186 \text{ V}$$

$$E_{\text{cell}} = E_{\text{cell}}^{\circ} - \frac{0.059}{3x} \log 10^{-2}$$

$$0.2047 = 0.186 - \frac{0.059}{3x} (-2)$$

$$0.0187 = + \frac{0.118}{3x}$$

$$X = 2.1$$

## Resonance Eduventures Ltd.

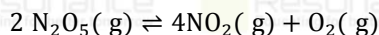
Reg. Office & Corp. Office : CG Tower, A-46 & 52, IPIA, Near City Mall, Jhalawar Road, Kota (Raj.) - 324005

Ph. No.: +91-744-2777777, 2777700 | FAX No. : +91-022-39167222

To Know more : sms RESO at 56677 | Website : www.resonance.ac.in | E-mail : contact@resonance.ac.in | CIN : U80302RJ2007PLC024029

Toll Free : 1800 258 5555 | 7340010333 | [facebook.com/ResonanceEdu](https://www.facebook.com/ResonanceEdu) | [twitter.com/ResonanceEdu](https://twitter.com/ResonanceEdu) | [www.youtube.com/resowatch](https://www.youtube.com/resowatch) | [blog.resonance.ac.in](https://blog.resonance.ac.in)

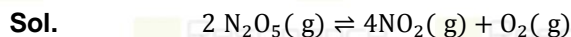
22. For a given reversible reaction at 300 K :



If  $\text{N}_2\text{O}_5$  is 50% dissociated at 5 bar and 300 K at equilibrium then find  $|\Delta G^\circ|$  for the reaction?

[Given :  $\log 2 = 0.3, \log 7 = 0.84$ ]

Ans. (8)



Let 1 mole

$$\begin{array}{ccc} 1 - \alpha & 2\alpha & \alpha/2 \\ 0.5 & 1 & 0.25 \end{array}$$

$$K_p = \frac{(n_{\text{NO}_2})^4 (n_{\text{O}_2})^1 \left[ \frac{P_T}{n_T} \right]^{\Delta n_g}}{(n_{\text{N}_2\text{O}_5})^2 \left[ \frac{P_T}{n_T} \right]^{\Delta n_g}}$$

$$\therefore \alpha = \frac{K_p}{\frac{(1)^4 \times 0.25 \left[ \frac{5}{1.75} \right]^3}{(0.5)^2}}$$

$$K_p = \left( \frac{20}{7} \right)^3$$

$$\Delta G^\circ = -RT \ln K_p$$

$$= -8.314 \times 300 \ln \left( \frac{20}{7} \right)^3$$

$$= -7.926 \text{ kJ}$$

23. For the 1st order reaction



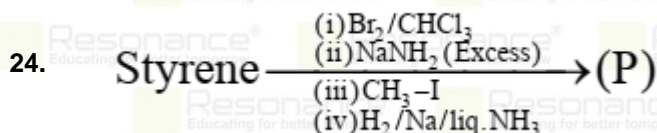
Based on given data, find the time x (in min)

Time (minutes)	0	X	20
Concentration	0.625 M	0.0625 M	0.00625 M

Ans. (10)

Sol. In 1<sup>st</sup> order kinetics, in equal time interval, the left amount of reactant forms G.P.

$$\therefore x = 10 \text{ min}$$



Molar mass of product (P) is gives

Ans. (118)

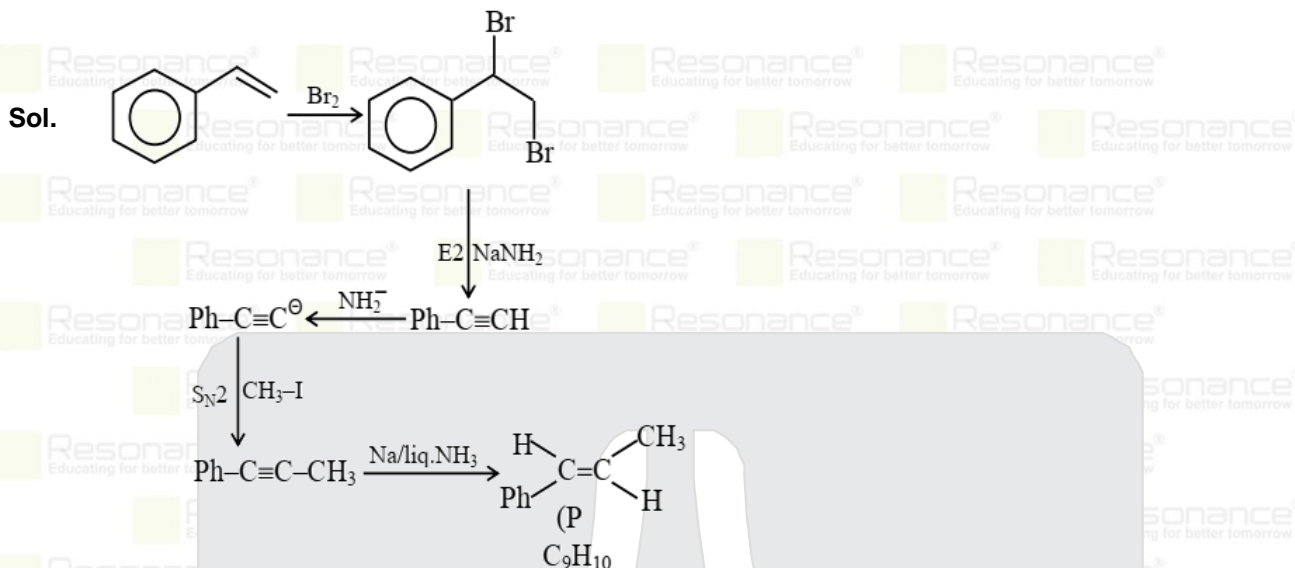
## Resonance Eduventures Ltd.

Reg. Office & Corp. Office : CG Tower, A-46 & 52, IPIA, Near City Mall, Jhalawar Road, Kota (Raj.) - 324005

Ph. No.: +91-744-2777777, 2777700 | FAX No. : +91-022-39167222

To Know more : sms RESO at 56677 | Website : www.resonance.ac.in | E-mail : contact@resonance.ac.in | CIN : U80302RJ2007PLC024029

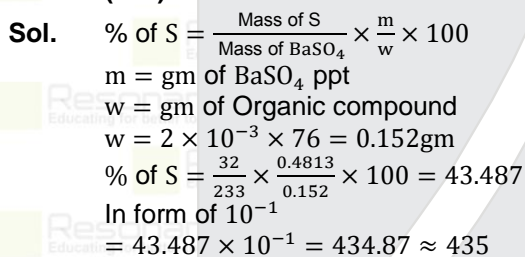
Toll Free : 1800 258 5555 | 7340010333 | [facebook.com/ResonanceEdu](https://www.facebook.com/ResonanceEdu) | [twitter.com/ResonanceEdu](https://twitter.com/ResonanceEdu) | [www.youtube.com/resowatch](https://www.youtube.com/resowatch) | [blog.resonance.ac.in](https://blog.resonance.ac.in)



Molar mass of P = 118 gm

25. Compound (X) has mole mass  $76,2 \times 10^{-3}$  mole of x gives  $0.4813\text{gmBaSO}_4$  as ppt. What is the % of S in compound (X). Mention answer in  $10^{-1}$  form.

Ans. (435)



## Resonance Eduventures Ltd.

Reg. Office & Corp. Office : CG Tower, A-46 & 52, IPIA, Near City Mall, Jhalawar Road, Kota (Raj.) - 324005

Ph. No.: +91-744-2777777, 2777700 | FAX No. : +91-022-39167222

To Know more : sms RESO at 56677 | Website : www.resonance.ac.in | E-mail : contact@resonance.ac.in | CIN : U80302RJ2007PLC024029

Toll Free : 1800 258 5555 | 7340010333 | [facebook.com/ResonanceEdu](https://www.facebook.com/ResonanceEdu) | [twitter.com/ResonanceEdu](https://twitter.com/ResonanceEdu) | [www.youtube.com/resowatch](https://www.youtube.com/resowatch) | [blog.resonance.ac.in](https://blog.resonance.ac.in)