Q.1 The number of σ and π bonds in 2-formylbenzoic acid are respectively

Ans

✗ 1. 10,3

✗ 2. 14,3

✗ 3. 12,5

✓ 4. 17,5

Question Type : **MCQ**
Question ID : **588552804**
Option 1 ID : **5885523216**
Option 2 ID : **5885523214**
Option 3 ID : **5885523215**
Option 4 ID : **5885523213**
Status : **Answered**
Chosen Option : **4**

Q.2 The volume of 1 mole of any pure gas at standard temperature and pressure is always equal to

Ans

✓ 1. 0.022414 m^3

✗ 2. 22.414 m^3

✗ 3. 2.2414 m^3

✗ 4. 0.22414 m^3

Question Type : **MCQ**
Question ID : **588552831**
Option 1 ID : **5885523323**
Option 2 ID : **5885523324**
Option 3 ID : **5885523322**
Option 4 ID : **5885523321**
Status : **Answered**
Chosen Option : **1**

Q.3 Veronal is used as a/an

Ans

✗ 1. analgesic

✗ 2. antihistamine

✗ 3. antibiotic

✓ 4. tranquilizer

Question Type : **MCQ**
Question ID : **588552839**
Option 1 ID : **5885523353**
Option 2 ID : **5885523356**
Option 3 ID : **5885523354**
Option 4 ID : **5885523355**
Status : **Answered**
Chosen Option : **4**

Q.4 Which of the following is also called as nitrogen sesquioxide ?

Ans

✗ 1. NO_2

✓ 2. N_2O_3

✗ 3. N_2O_4

✗ 4. N_2O_5

Question Type : **MCQ**
Question ID : **588552818**
Option 1 ID : **5885523270**
Option 2 ID : **5885523269**
Option 3 ID : **5885523271**
Option 4 ID : **5885523272**
Status : **Marked For Review**
Chosen Option : **2**

Q.5 The oxidation number of sulphur in S_8 molecule is

Ans
✗ 1. 6
✓ 2. 0
✗ 3. 2
✗ 4. 3

Question Type : **MCQ**
Question ID : **588552827**
Option 1 ID : **5885523308**
Option 2 ID : **5885523305**
Option 3 ID : **5885523306**
Option 4 ID : **5885523307**
Status : **Answered**
Chosen Option : **2**

Q.6 Which among the following is a set of nucleophiles ?

Ans
✗ 1. H^+ , NH_3 , Cl^-
✗ 2. BF_3 , H_2O , NH_3
✗ 3. $AlCl_3$, BF_3 ,NH_3
✓ 4. CN^- , H_2O , R-OH

Question Type : **MCQ**
Question ID : **588552833**
Option 1 ID : **5885523332**
Option 2 ID : **5885523329**
Option 3 ID : **5885523330**
Option 4 ID : **5885523331**
Status : **Answered**
Chosen Option : **4**

Q.7 Which of the following acts as oxidising agent in hydrogen - oxygen fuel cell ?

Ans
✗ 1. H_2
✓ 2. O_2
✗ 3. KOH
✗ 4. C

Question Type : **MCQ**
Question ID : **588552810**
Option 1 ID : **5885523238**
Option 2 ID : **5885523237**
Option 3 ID : **5885523240**

Option 4 ID : **5885523239**
Status : **Answered**
Chosen Option : **2**

Q.8 In ozone molecule , the formal charge on the central oxygen atom is

Ans
✗ 1. -1
✗ 2. +2
✗ 3. 0
✓ 4. +1

Question Type : **MCQ**
Question ID : **588552837**
Option 1 ID : **5885523345**
Option 2 ID : **5885523348**
Option 3 ID : **5885523346**
Option 4 ID : **5885523347**
Status : **Answered**
Chosen Option : **4**

Q.9 According to Werners theory , the geometry of the complex is determined by

Ans
✗ 1. only from the primary valence in space
✗ 2. number and position of the primary valences in space
✓ 3. number and position of the secondary valences in space
✗ 4. only from the position of secondary valence in space

Question Type : **MCQ**
Question ID : **588552815**
Option 1 ID : **5885523259**
Option 2 ID : **5885523258**
Option 3 ID : **5885523257**
Option 4 ID : **5885523260**
Status : **Answered**
Chosen Option : **3**

Q.10 How many total constituent particles are present in simple cubic unit cell ?

Ans
✓ 1. 1
✗ 2. 3
✗ 3. 4
✗ 4. 2

Question Type : **MCQ**
Question ID : **588552847**
Option 1 ID : **5885523385**
Option 2 ID : **5885523387**
Option 3 ID : **5885523388**
Option 4 ID : **5885523386**
Status : **Answered**
Chosen Option : **1**

Q.11 The correct representation of Nernst's equation for half-cell reaction $Cu^{2+}_{(aq)} + e^- \rightarrow Cu^{+}_{(aq)}$ is

Ans

1. $E^0_{Cu^+, Cu^{2+}} = E_{Cu^+, Cu^{2+}} - \frac{0.0592}{2} \text{Log} \frac{[Cu^+]}{[Cu^{2+}]}$

2. $E_{Cu^+, Cu^{2+}} = E^0_{Cu^+, Cu^{2+}} - \frac{0.0592}{1} \text{Log} \frac{[Cu^+]}{[Cu^{2+}]}$

3. $E^0_{Cu^+, Cu^{2+}} = E_{Cu^+, Cu^{2+}} + \frac{0.0592}{2} \text{Log} \frac{[Cu^+]}{[Cu^{2+}]}$

4. $E_{Cu^+, Cu^{2+}} = E^0_{Cu^+, Cu^{2+}} - \frac{0.0592}{1} \text{Log} \frac{[Cu^+]}{[Cu^{2+}]}$

Note: For this question, discrepancy is found in question/answer. Full Marks is being awarded to all candidates.

Question Type : **MCQ**
Question ID : **588552807**
Option 1 ID : **5885523225**
Option 2 ID : **5885523228**
Option 3 ID : **5885523226**
Option 4 ID : **5885523227**
Status : **Answered**
Chosen Option : **4**

Q.12 Which among the following is a neutral complex ?

Ans
✗ 1. $[Fe(H_2O)_6]Cl_3$
✗ 2. $[Ni(NH_3)_6]Cl_2$
✓ 3. $[Pt(NH_3)_2Cl_2]$
✗ 4. $K[Ag(CN)_2]$

Question Type : **MCQ**
Question ID : **588552823**
Option 1 ID : **5885523292**
Option 2 ID : **5885523291**
Option 3 ID : **5885523289**
Option 4 ID : **5885523290**
Status : **Answered**
Chosen Option : **3**

Q.13 Identify the equation in which change in enthalpy is equal to change in internal energy

Ans
✗ 1. $2H_2O_{2(l)} \rightarrow 2H_2O_{(l)} + O_{2(g)}$
✓ 2. $C_{(s)} + O_{2(g)} \rightarrow CO_{2(g)}$
✗ 3. $PCl_{5(g)} \rightarrow PCl_{3(g)} + Cl_{2(g)}$
✗ 4. $N_{2(g)} + 3H_{2(g)} \rightarrow 2NH_{3(g)}$

Question Type : **MCQ**
Question ID : **588552836**
Option 1 ID : **5885523342**
Option 2 ID : **5885523341**
Option 3 ID : **5885523343**
Option 4 ID : **5885523344**
Status : **Answered**
Chosen Option : **2**

Q.14 **Limestone is used as a flux in the extraction of**

Ans
✔ 1. iron
✘ 2. aluminium
✘ 3. zinc
✘ 4. copper

Question Type : **MCQ**
Question ID : **588552816**
Option 1 ID : **5885523263**
Option 2 ID : **5885523262**
Option 3 ID : **5885523264**
Option 4 ID : **5885523261**
Status : **Marked For Review**
Chosen Option : **1**

Q.15 **Which among the following does not form polyhalide ion ?**

Ans
✘ 1. Chlorine
✘ 2. Bromine
✘ 3. Iodine
✔ 4. Fluorine

Question Type : **MCQ**
Question ID : **588552811**
Option 1 ID : **5885523241**
Option 2 ID : **5885523243**
Option 3 ID : **5885523244**
Option 4 ID : **5885523242**
Status : **Answered**
Chosen Option : **4**

Q.16 **How many isomers are possible for an alkane having molecular formula C_5H_{12}?**

Ans
✘ 1. 5
✔ 2. 3
✘ 3. 4
✘ 4. 2

Question Type : **MCQ**
Question ID : **588552801**
Option 1 ID : **5885523204**
Option 2 ID : **5885523202**
Option 3 ID : **5885523203**

Option 4 ID : **5885523201**
Status : **Marked For Review**
Chosen Option : **2**

Q.1 7 **Which of following elements does not form amide when reacted with ammonia ?**

Ans
✔ 1. Li
✘ 2. Na
✘ 3. K
✘ 4. Rb

Question Type : **MCQ**
Question ID : **588552845**
Option 1 ID : **5885523380**
Option 2 ID : **5885523379**
Option 3 ID : **5885523378**
Option 4 ID : **5885523377**
Status : **Marked For Review**
Chosen Option : **1**

Q.1 8 **Two moles of an ideal gas is expanded isothermally and reversibly at 300 K from 1L to 10 L . The enthalpy change in kJ is**

Ans
✘ 1. 11.4 kJ
✘ 2. 4.8 kJ
✘ 3. -11.4 kJ
✔ 4. Zero kJ

Question Type : **MCQ**
Question ID : **588552832**
Option 1 ID : **5885523327**
Option 2 ID : **5885523326**
Option 3 ID : **5885523328**
Option 4 ID : **5885523325**
Status : **Answered**
Chosen Option : **4**

Q.1 9 **α-Chlorosodium acetate on boiling with aqueous sodium nitrite gives**

Ans
✔ 1. nitromethane
✘ 2. α-chloronitromethane
✘ 3. nitroethane
✘ 4. acetyl chloride

Question Type : **MCQ**
Question ID : **588552829**
Option 1 ID : **5885523313**
Option 2 ID : **5885523316**
Option 3 ID : **5885523314**
Option 4 ID : **5885523315**
Status : **Answered**
Chosen Option : **1**

Q.2 0 **The bond angle H-O-O in H_2O_2 in gaseous phase is**

Ans
✗ 1. 90.2^0
✗ 2. 111.5^0
✗ 3. 101.9^0
✓ 4. 94.8^0

Question Type : **MCQ**
Question ID : **588552834**
Option 1 ID : **5885523335**
Option 2 ID : **5885523334**
Option 3 ID : **5885523333**
Option 4 ID : **5885523336**
Status : **Answered**
Chosen Option : **3**

Q.21 **How many metameric ethers are represented by the molecular formula $C_4H_{10}O$?**

Ans
✗ 1. 4
✓ 2. 3
✗ 3. 2
✗ 4. 5

Question Type : **MCQ**
Question ID : **588552814**
Option 1 ID : **5885523255**
Option 2 ID : **5885523254**
Option 3 ID : **5885523253**
Option 4 ID : **5885523256**
Status : **Answered**
Chosen Option : **2**

Q.22 **The activation energy of a reaction is zero. Its rate constant at 280 K is $1.6 \times 10^{-6}\ S^{-1}$, the rate constant at 300 K is**

Ans
✗ 1. $3.2 \times 10^{-6}\ S^{-1}$
✗ 2. Zero
✓ 3. $1.6 \times 10^{-6}\ S^{-1}$
✗ 4. $1.6 \times 10^{-5}\ S^{-1}$

Question Type : **MCQ**
Question ID : **588552802**
Option 1 ID : **5885523208**
Option 2 ID : **5885523205**
Option 3 ID : **5885523206**
Option 4 ID : **5885523207**
Status : **Answered**
Chosen Option : **3**

Q.23 **Which of following metals occurs in native state ?**

Ans
✗ 1. Magnesium
✓ 2. Platinum
✗ 3. Potassium

✗ 4. Sodium

Question Type : **MCQ**
Question ID : **588552819**
Option 1 ID : **5885523276**
Option 2 ID : **5885523275**
Option 3 ID : **5885523274**
Option 4 ID : **5885523273**
Status : **Answered**
Chosen Option : **2**

Q.24 Which of the following is NOT a broadspectrum anitibiotics ?

Ans
✓ 1. Penicillin
✗ 2. Amoxicillin
✗ 3. Chloramphenicol
✗ 4. Ampicillin

Question Type : **MCQ**
Question ID : **588552838**
Option 1 ID : **5885523350**
Option 2 ID : **5885523349**
Option 3 ID : **5885523351**
Option 4 ID : **5885523352**
Status : **Answered**
Chosen Option : **1**

Q.25 The oxidation state of sulphur in $H_2S_2O_7$ is

Ans
✗ 1. +4
✓ 2. +6
✗ 3. +5
✗ 4. +7

Question Type : **MCQ**
Question ID : **588552826**
Option 1 ID : **5885523301**
Option 2 ID : **5885523303**
Option 3 ID : **5885523302**
Option 4 ID : **5885523304**
Status : **Answered**
Chosen Option : **2**

Q.26 The reaction in which 2 molecules of chlorobenzene reacts with metallic sodium in presence of dry ether forming diphenyl is an example of,

Ans
✓ 1. Wurtz -Fittig reaction
✗ 2. Wurtz reaction
✗ 3. Rosenmund reaction
✗ 4. Balz-Schiemann reaction

Question Type : **MCQ**
Question ID : **588552821**
Option 1 ID : **5885523284**

Option 2 ID : **5885523283**
Option 3 ID : **5885523282**
Option 4 ID : **5885523281**
Status : **Answered**
Chosen Option : **1**

Q.27 The percentage of unoccupied volume in simple cubic cell is

Ans
✗ 1. 52.40 %
✗ 2. 32.00 %
✓ 3. 47.60 %
✗ 4. 68.04 %

Question Type : **MCQ**
Question ID : **588552843**
Option 1 ID : **5885523369**
Option 2 ID : **5885523372**
Option 3 ID : **5885523370**
Option 4 ID : **5885523371**
Status : **Answered**
Chosen Option : **3**

Q.28 Isobutylene on hydroboration followed by oxidation with hydrogen peroxide in presence of base yields

Ans
✗ 1. n-butyl alcohol
✗ 2. sec-butyl alcohol
✗ 3. tert-butyl alcohol
✓ 4. isobutyl alcohol

Question Type : **MCQ**
Question ID : **588552817**
Option 1 ID : **5885523265**
Option 2 ID : **5885523267**
Option 3 ID : **5885523268**
Option 4 ID : **5885523266**
Status : **Answered**
Chosen Option : **4**

Q.29 What is the density of water vapour at boiling point of water ?

Ans
✗ 1. 1×10^{-4} g cm^{-3}
✗ 2. 1 g cm^{-3}
✓ 3. 6×10^{-4} g cm^{-3}
✗ 4. 4×10^{-4} g cm^{-3}

Question Type : **MCQ**
Question ID : **588552835**
Option 1 ID : **5885523338**
Option 2 ID : **5885523337**
Option 3 ID : **5885523339**
Option 4 ID : **5885523340**
Status : **Answered**
Chosen Option : **3**

Q.30 Which of the following molecules form a zwitter ion ?

Ans
1. CH_3COOCH_3
2. H_2NCH_2COOH
3. $CH_3COC_2H_5$
4. CH_3CH_2COOH

Question Type : **MCQ**
Question ID : **588552842**
Option 1 ID : **5885523365**
Option 2 ID : **5885523367**
Option 3 ID : **5885523366**
Option 4 ID : **5885523368**
Status : **Answered**
Chosen Option : **2**

Q.31 Which reaction is useful in exchange of halogen in alkyl chloride by iodide ?

Ans
1. Wurtz reaction
2. Finkelstein reaction
3. Reimer-Tiemann reaction
4. Williamson synthesis

Question Type : **MCQ**
Question ID : **588552812**
Option 1 ID : **5885523245**
Option 2 ID : **5885523248**
Option 3 ID : **5885523246**
Option 4 ID : **5885523247**
Status : **Answered**
Chosen Option : **2**

Q.32 Propene when treated with cold conc. H_2SO_4 forms a compound which on heating with water gives

Ans
1. propan-2-ol
2. butan-1-ol
3. ethanol
4. propan-1-ol

Question Type : **MCQ**
Question ID : **588552813**
Option 1 ID : **5885523251**
Option 2 ID : **5885523252**
Option 3 ID : **5885523249**
Option 4 ID : **5885523250**
Status : **Answered**
Chosen Option : **1**

Q.33 Identify the amine formed when ethyltrimethyl ammonium iodide is treated with silver hydroxide and further heated strongly

Ans
1. $C_2H_5N(CH_3)_2$
2. $C_2H_5NH_2$

✔ 3. $(CH_3)_3N$

✘ 4. CH_3NH_2

Question Type : **MCQ**
Question ID : **588552803**
Option 1 ID : **5885523211**
Option 2 ID : **5885523209**
Option 3 ID : **5885523212**
Option 4 ID : **5885523210**
Status : **Answered**
Chosen Option : **3**

Q.34 **For a chemical reaction rate law is, rate =k $[A]^2$ [B]. If [A] is doubled at constant [B], the rate of reaction**

Ans

✘ 1. increases by a factor of 8

✔ 2. increases by a factor of 4

✘ 3. increases by a factor of 3

✘ 4. increases by a factor of 2

Question Type : **MCQ**
Question ID : **588552809**
Option 1 ID : **5885523236**
Option 2 ID : **5885523235**
Option 3 ID : **5885523234**
Option 4 ID : **5885523233**
Status : **Answered**
Chosen Option : **2**

Q.35 **Which of the following is a natural polymer ?**

Ans

✘ 1. Nylon

✘ 2. Teflon

✔ 3. Linen

✘ 4. Orlon

Question Type : **MCQ**
Question ID : **588552849**
Option 1 ID : **5885523393**
Option 2 ID : **5885523395**
Option 3 ID : **5885523396**
Option 4 ID : **5885523394**
Status : **Answered**
Chosen Option : **3**

Q.36 **The monomers used in the preparation of dextron are**

Ans

✘ 1. glycine and ω- amino caproic acid

✘ 2. 3- Hydroxybutanoic acid and 3-hydroxy pentanoic acid

✘ 3. glycine and lactic acid

✔ 4. lactic acid and glycollic acid

Question Type : **MCQ**
Question ID : **588552848**

Option 1 ID : **5885523392**
Option 2 ID : **5885523389**
Option 3 ID : **5885523390**
Option 4 ID : **5885523391**
Status : **Answered**
Chosen Option : **4**

Q.37 When a mixture of manganese dioxide, potassium hydroxide and potassium chlorate is fused , the product obtained is

Ans

✗ 1. K_2SO_4

✗ 2. K_2MnO_3

✓ 3. K_2MnO_4

✗ 4. $KMnO_4$

Question Type : **MCQ**
Question ID : **588552822**
Option 1 ID : **5885523285**
Option 2 ID : **5885523286**
Option 3 ID : **5885523287**
Option 4 ID : **5885523288**
Status : **Answered**
Chosen Option : **3**

Q.38 In which oxidation state, group 15 elements act as Lewis base ?

Ans

✗ 1. +5

✗ 2. +4

✓ 3. -3

✗ 4. +3

Question Type : **MCQ**
Question ID : **588552805**
Option 1 ID : **5885523220**
Option 2 ID : **5885523219**
Option 3 ID : **5885523218**
Option 4 ID : **5885523217**
Status : **Answered**
Chosen Option : **3**

Q.39 Relationship between vant Hoff factor (i) and degree of dissociation (α) is

Ans

✗ 1. $i = \frac{\alpha - 1}{n' - 1}$

✗ 2. $i = -\frac{\alpha - 1}{1 - n'}$

✗ 3. $\alpha = \frac{1 - i}{n' - 1}$

✔ 4. $\alpha = \frac{i - 1}{n' - 1}$

Question Type : **MCQ**
Question ID : **588552841**
Option 1 ID : **5885523363**
Option 2 ID : **5885523361**
Option 3 ID : **5885523362**
Option 4 ID : **5885523364**
Status : **Answered**
Chosen Option : **4**

Q.40 **Which of following elements does NOT react with hot concentrated sulphuric acid ?**

Ans
✘ 1. Sb
✔ 2. N
✘ 3. P
✘ 4. As

Question Type : **MCQ**
Question ID : **588552825**
Option 1 ID : **5885523299**
Option 2 ID : **5885523300**
Option 3 ID : **5885523297**
Option 4 ID : **5885523298**
Status : **Answered**
Chosen Option : **1**

Q.41

In the reaction, $H_2O_{2(aq)} \xrightarrow{I^-_{(aq)}} H_2O_{(l)} + \frac{1}{2}O_{2(g)}$ iodide ion acts as

Ans
✔ 1. homogenous catalyst
✘ 2. acid catalyst
✘ 3. Heterogenous catalyst
✘ 4. enzyme catalyst

Question Type : **MCQ**
Question ID : **588552830**
Option 1 ID : **5885523318**
Option 2 ID : **5885523320**
Option 3 ID : **5885523317**
Option 4 ID : **5885523319**
Status : **Answered**
Chosen Option : **3**

Q.42 **The ionic charges of manganate and permanganate ion are respectively**

Ans
1. -2, -2
2. -1, -2
3. -2, -1
4. -1, -1

Question Type : **MCQ**
Question ID : **588552850**
Option 1 ID : **5885523397**
Option 2 ID : **5885523398**
Option 3 ID : **5885523399**
Option 4 ID : **5885523400**
Status : **Answered**
Chosen Option : **3**

Q.43 How many gram of sodium (atomic mass 23 u) is required to prepare one mole of ethane from methyl chloride by wurtz reaction ?

Ans
1. 2
2. 23
3. 11.5
4. 46

Question Type : **MCQ**
Question ID : **588552828**
Option 1 ID : **5885523312**
Option 2 ID : **5885523309**
Option 3 ID : **5885523310**
Option 4 ID : **5885523311**
Status : **Answered**
Chosen Option : **4**

Q.44 The enzyme which converts maltose to glucose is

Ans
1. maltase
2. insulin
3. lysine
4. zymase

Question Type : **MCQ**
Question ID : **588552844**
Option 1 ID : **5885523373**
Option 2 ID : **5885523374**
Option 3 ID : **5885523376**
Option 4 ID : **5885523375**
Status : **Answered**
Chosen Option : **1**

Q.45 If $C_{(s)}+O_{2(g)} \rightarrow CO_{2(g)}$ $\Delta H=-X$, $CO_{(g)}+\frac{1}{2}O_{2(g)} \rightarrow CO_{2(g)}$ $\Delta H=-Y$, Calculate $\Delta_f H$ for $CO_{(g)}$ formation

Ans
1. -Y-X
2. Y-X

✗ 3. X+Y

✗ 4. X-Y

Question Type : **MCQ**
Question ID : **588552820**
Option 1 ID : **5885523280**
Option 2 ID : **5885523278**
Option 3 ID : **5885523279**
Option 4 ID : **5885523277**
Status : **Answered**
Chosen Option : **2**

Q.46 What is the atomicity of aluminium phosphate ?

Ans

✗ 1. 8

✓ 2. 6

✗ 3. 5

✗ 4. 13

Question Type : **MCQ**
Question ID : **588552824**
Option 1 ID : **5885523293**
Option 2 ID : **5885523295**
Option 3 ID : **5885523294**
Option 4 ID : **5885523296**
Status : **Answered**
Chosen Option : **2**

Q.47 Which among the following compounds is obtained when ethanenitrile is acid hydrolysed?

Ans

✗ 1. Formic acid

✗ 2. Acetamide

✗ 3. Formamide

✓ 4. Acetic acid

Question Type : **MCQ**
Question ID : **588552806**
Option 1 ID : **5885523221**
Option 2 ID : **5885523224**
Option 3 ID : **5885523222**
Option 4 ID : **5885523223**
Status : **Answered**
Chosen Option : **4**

Q.48 Standard Hydrogen electrode (SHE) is a

Ans

✓ 1. Primary reference electrode

✗ 2. Secondary reference electrode

✗ 3. Metal - Sparingly soluble salt eletrode

✗ 4. Metal - Metal ion eletrode

Question Type : **MCQ**
Question ID : **588552808**

Option 1 ID : **5885523230**
Option 2 ID : **5885523229**
Option 3 ID : **5885523231**
Option 4 ID : **5885523232**
Status : **Answered**
Chosen Option : **1**

Q.49 **9 gram anhydrous oxalic acid (Mol. Wt = 90) was dissolved in 9.9 moles of water. If vapour pressure of pure water is P_1^0, the vapour pressure of solution is**

Ans
✔ 1. 0.99 P_1^0
✗ 2. 0.1 P_1^0
✗ 3. 0.90 P_1^0
✗ 4. 1.1 P_1^0

Question Type : **MCQ**
Question ID : **588552840**
Option 1 ID : **5885523357**
Option 2 ID : **5885523359**
Option 3 ID : **5885523358**
Option 4 ID : **5885523360**
Status : **Answered**
Chosen Option : **1**

Q.50 **Which of the following sets of solutions of urea (mol. mass. 60 g mol^{-1}) and sucrose (mol. mass. 342 g mol^{-1}) is isotonic ?**

Ans
✗ 1. 9.1 gL^{-1} urea and 6.0 gL^{-1} sucrose
✗ 2. 3.0 gL^{-1} urea and 3.0 gL^{-1} sucrose
✗ 3. 6.0 gL^{-1} urea and 9.0 gL^{-1} sucrose
✔ 4. 3.0 gL^{-1} urea and 17.1 gL^{-1} sucrose

Question Type : **MCQ**
Question ID : **588552846**
Option 1 ID : **5885523384**
Option 2 ID : **5885523381**
Option 3 ID : **5885523382**
Option 4 ID : **5885523383**
Status : **Answered**
Chosen Option : **4**

Section : **Mathematics**

Q.1 **In a bionomial distribution, mean is 18 and variance is 12 then p = ...**

Ans
✗ 1. $\frac{2}{3}$