

Section 1 - Section 1

Question No.1

4.00

Bookmark

Find out the missing term:

1, 2, 3, 6, 11, 20, 37, 68, ?

- 105
- 125
- 126
- 124

Question No.2

4.00

Bookmark

Obtain the missing term.

300, 296, 287, 271, ? , 210

- 246
- 250
- 244
- None of the above

Question No.3

4.00

Bookmark If the pressure p (system) is greater than the p (surroundings), then

- internal energy of the system increases
- work is done on the system by the surroundings
- work done on the system by the surroundings is equal to the work done on the surroundings by the system
- work is done on the surroundings by the system

Question No.4

4.00

Bookmark The general formula of a spinel is, AB_2O_4 , where A is a divalent and B is a trivalent cation. Then Fe_3O_4 is:-

- an inverse spinel
- a mixed spinel
- not a spinel
- a normal spinel

Question No.5

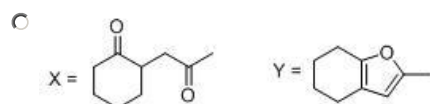
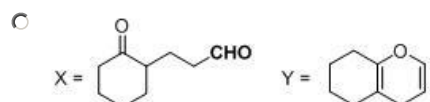
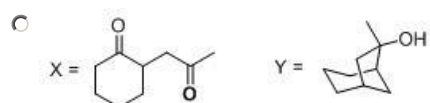
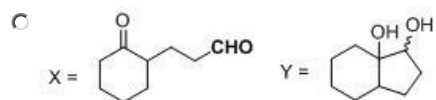
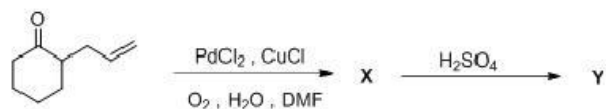
4.00

Bookmark

The point group for chair form of cyclohexane is:-

- D_{3d}
- C_{2h}
- C_{2v}
- None of these

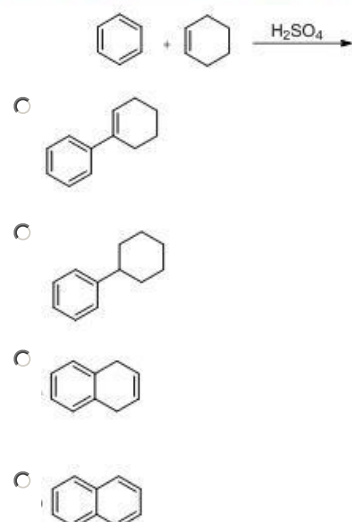
The major products, X and Y in the following reaction sequences are



The calculated magnetic moment of Cr^{2+} ion in a weak field is:-

- 4.12 BM
- 4.90 BM
- 7.18 BM
- 2.80 BM

The major product obtained in the following reaction is


Question No.9

4.00

Bookmark

The pair of lanthanides with the highest third-ionization energy is

- Eu, Gd
- Eu, Yb
- Lu, Yb
- Dy, Yb

Question No.10

4.00

Bookmark

Based on the given information, answer the following question.

1. Six friends P,Q,R,S,T and U are members of a club and play different games of Football, Cricket, Tennis, Basketball, Badminton and Volleyball
2. T who is taller than P and S plays Tennis.
3. The tallest among them plays Basketball.
4. The Shortest among them plays volleyball.
5. Q and S neither play Volleyball nor Basketball.
6. R plays Volleyball
7. T is between Q who plays Football and P in order of height

What does S Play?

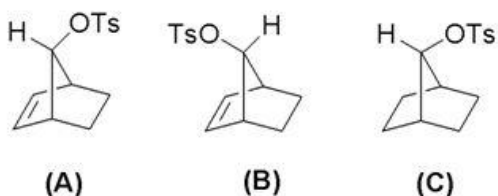
- Cricket
- Badminton
- Either Cricket or Badminton
- None of the above

Question No.11

4.00

Bookmark

Arrange the following in the increasing rate of acetolysis reaction



- (B) > (A) > (C)
- (C) > (B) > (C)
- (A) > (B) > (C)
- (C) > (A) > (B)

Question No.12

4.00

Bookmark

Which of the following is an *arachno borane* ?

- $[B_6H_{12}]$
- $[B_5H_9]$
- $[B_2H_6]$
- $[B_6H_6]^{2-}$

Question No.13

4.00

Bookmark

Choose the correct meaning of the italicized idiom.

Sheela's work seems to be a *Penelope's web*.

- Endless
- Difficult
- Declining
- In her best form

Question No.14

4.00

Bookmark

Which of the following is not a Van der Waal force?

- Dipole induced- dipole force
- London dispersion force
- Hydrogen bonding
- Dipole -dipole interaction

Question No.15

4.00

Bookmark

Statements: Some bats are snakes, No snake is dangerous

Conclusion:

I. Some dangerous animals are snakes

II. Some bats are not dangerous.

- If only conclusion II follows
- If either I or II follows
- If neither I nor II follows
- If only conclusion I follows

Question No.16

4.00

Bookmark

Choose the correct meaning of the italicized idiom.

Anil got me into trouble by giving a *false colour* to my statement.

- Giving good impression
- Giving a wrong character
- Colouring the sentence
- Giving a wrong colour box

Question No.17

4.00

Bookmark

Boron nitride has a structure similar to

- Graphite
- NaCl
- Diamond
- Fullerene

Question No.18

4.00

Bookmark

Among the following complexes

A. $[\text{Co}(\text{Ox})_3]^{3-}$, B. *trans*- $[\text{CoCl}_2(\text{en})_2]^+$, C. $[\text{Cr}(\text{EDTA})]^-$ the chiral one(s) is/are,

- A and C
- C and B
- A and B
- C only

Question No.19

4.00

Bookmark

In a code language, 321 means "Hot Black Coffee", 536 means "Very Hot Summer", and 589 means "Summer and Winter". Which digit stands for "Very" ?

- 5
- 9
- 3
- 6

Question No.20

4.00

Bookmark

When an aqueous solution of zinc sulphate is subjected to electrolysis, 280 ml of oxygen gas at STP is liberated at anode. Calculate the quantity of electricity passed through the electrolyte

- 0.005 F
- 5 F
- 0.05 F
- 0.5 F

Question No.21

4.00

Bookmark

Choose the best antonym of the italicized word.

Ravi and Raghu are really *obstinate* men.

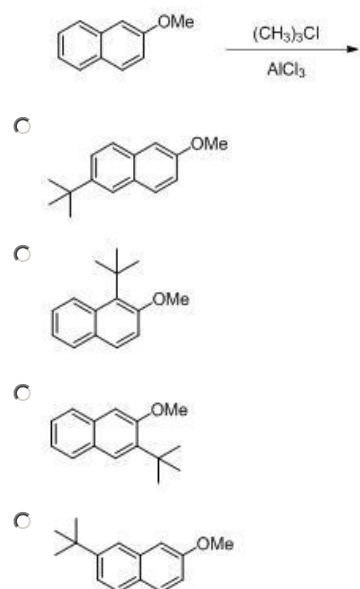
- understanding
- considerate
- friendly
- compliant

Question No.22

4.00

Bookmark

The major product obtained in the following reaction is



Question No.23

4.00

Bookmark

The violet colour of $[\text{Ti}(\text{H}_2\text{O})_6]^{3+}$ is due to:-

- metal to ligand charge transfer transition
- d-d transition
- ligand to metal charge transfer transition
- f-f transition

Question No.24

4.00

Bookmark

The bonding pattern of $\text{M}(\text{CO})_x$ complex can be explained using one the following methods:-

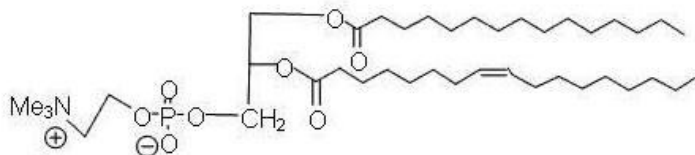
- 18 electron count
- 16 electron count
- DCD
- VSEPR

Question No.25

4.00

Bookmark

What type of molecule is the following structure?



- A phospholipid
- A protein
- A carbohydrate
- A nucleic acid

Question No.26

4.00

Bookmark

Which of the following statements is true regarding the rate of hydrolysis of the following substrates:



(i)



(ii)



(iii)



(iv)

- (ii) and (iv) faster than (i) and (iii)
- (i) and (iii) faster than (ii) and (iv)
- (i) and (ii) faster than (iii) and (iv)
- (iii) and (iv) faster than (i) and (ii)

Question No.27

4.00

Bookmark

$L_2Ir(CO)Cl$ reaction with H_2 is called:-

- oxidation reaction
- substitution reaction
- sigma bond metathesis
- oxidative addition

Question No.28

4.00

Bookmark

Ramesh had a cold and couldn't go to the party, so I bought him a cake to make up for his_____

- disappointment
- disgust

- depression
- disillusion

Question No.29

4.00

Bookmark

The reaction of Potassium phthalimide with Ethyl Chloroacetate followed by hydrolysis results in:-

- Glycine
- Leucine
- Alanine
- Valine

Question No.30

4.00

Bookmark

In perturbation theory, the ground state energy for constant perturbation is accurate from:-

- Perturbation theory will not lead to meaningful solution.
- Energy is proportional to the order of the perturbation.
- Second order perturbation.
- First order perturbation.

Question No.31

4.00

Bookmark

The hydrolysis of t-bromobutane, C_4H_9Br , by hydroxide, OH^- , ions in aqueous solution follows an S_N1 reaction mechanism in which the rate-determining step is the loss of a bromide, Br^- , ion, followed by rapid reaction with hydroxide ions. Which of the following rate laws is consistent with this mechanism?

- Rate = $k[OH^-]$
- Rate = $k[C_4H_9Br]$
- Rate = $k[C_4H_9Br]^2$
- Rate = $k[C_4H_9Br][OH^-]$

Question No.32

4.00

Bookmark

The orange red colour of dichromate ions in solution is due to the

- Bent Cr-O-Cr bond
- Charge transfer transition
- d to d transition
- Dianionic charge

Question No.33

4.00

Bookmark

Identify the correct match of amino acid to the characteristics of the amino acid described

- (a) Only standard amino acid whose side chain does not contain carbon
- (b) Only standard amino acid with a cyclic side chain

- (c) Only standard amino acid that participates in disulfide bonds
(d) Only standard amino acid with a methyl group attached to its alpha carbon atom

(i) Alanine (ii) Glycine (iii) Proline (iv) Cysteine

- (a) - (ii); (b) - (iii); (c) - (iv); (d) - (i)
 (a) - (iii); (b) - (iv); (c) - (i); (d) - (ii)
 (a) - (i); (b) - (ii); (c) - (iii); (d) - (iv)
 (a) - (iv); (b) - (i); (c) - (ii); (d) - (iii)

Question No.34

4.00

Bookmark

Predict the geometry of a molecule in which the bonding may be described using the hybridization model as being made up of sp^3 hybrid orbitals on the central atom:-

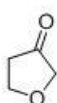
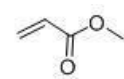

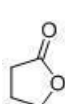
- octahedral
 square planar
 trigonal bipyramidal
 tetrahedral

Question No.35

4.00

Bookmark

A compound with molecular formula $C_4H_6O_2$ shows band at 1770 cm^{-1} in IR spectrum and peaks at 178, 68, 28 and 22 ppm in ^{13}C NMR. The correct structure of the compound is

- 
 
 
 

Question No.36

4.00

Bookmark

Laporte selection rule does not affect

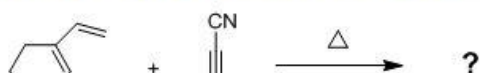
- Square planar geometry
 Tetrahedral geometry
 Octahedral geometry
 All of these

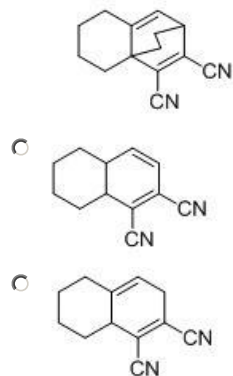
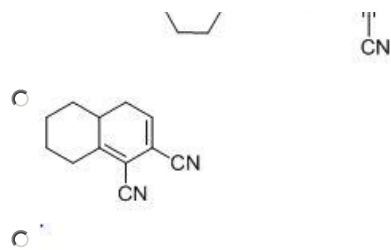
Question No.37

4.00

Bookmark

Which of the following is the most likely product of the Diel's Alder reaction.





Question No.38

4.00

Bookmark

Choose the best synonym of the italicized word.

Each one of us is the subject of *derision* at some time or the other in our life.

- laughter
- irony
- ridicule
- criticism

Question No.39

4.00

Bookmark

The complexes $[\text{Cu}(\text{NH}_3)_4][\text{PtCl}_4]$ and $[\text{Pt}(\text{NH}_3)_4][\text{CuCl}_4]$ represents an example of:-

- coordination isomerism
- linkage isomerism
- geometrical isomerism
- ionisation isomerism

Question No.40

4.00

Bookmark

When Al_4C_3 reacts with H_2O , the major product is:-

- propyne
- propane
- methane
- ethyne

Question No.41

4.00

Bookmark

The electronic spectra of $[\text{Cr}(\text{en})_3]^{3+}$ has the following features:-

- $\text{CT} < \nu_1 < \nu_2$
- $\text{CT} > \nu_1 < \nu_2$

- $CT < v_1 > v_2$
- $CT > v_1 > v_2$

Question No.42

4.00

Bookmark

The first step in the Wilkinson's catalytic cycle is:-

- decomplexation
- PPh_3 dissociation
- Cl dissociation
- oxidation

Question No.43

4.00

Bookmark

The ordering of the occupied d-orbital energies in an octahedral complex on tetragonal elongation is expected to be:-

- $dx^2-y^2 > dz^2 > dxy > dyz, dxz$
- $dxy > dyz, dxz > dz^2 > dx^2-y^2$
- $dx^2-y^2 > dxy > dz^2 > dyz, dxz$
- $dx^2-y^2 < dz^2 < dxy > dyz, dxz$

Question No.44

4.00

Bookmark

Choose the missing term: 3F,6G,11I,18L, ?

- 26N
- 27P
- 27O
- 28Q

Question No.45

4.00

Bookmark

Which one of the following ground state term will not have Jahn-Teller distortion?

- $^2T_{2g}$
- 2E_g (low spin)
- $^3T_{1g}$
- $^1A_{1g}$ (low spin)

Question No.46

4.00

Bookmark

Which of the following has zero crystal field stabilization energy in octahedral field?

- Co^{3+} (low spin)
- Fe^{3+} (high spin)
- Cr^{3+} (high spin)
- Fe^{3+} (low spin)

Question No.47

4.00

Bookmark

The coenzyme that is involved in the reduction of a double bond in fatty acid biosynthesis is:-

- Pyridoxa
- FADH₂
- Biotin
- NADH

Question No.48

4.00

Bookmark

Identify the underlined part of speech:

Sorry, I don't know any foreign languages

- adjective
- pronoun
- noun
- adverb

Question No.49

4.00

Bookmark

The spectroscopic ground state term symbols for the octahedral aqua complexes of Mn(II), Cr(III) and Cu(II), respectively, are

- ${}^2H, {}^2H$ and 2D
- ${}^2H, {}^4F$ and 2D
- ${}^6S, {}^4F$ and 2P
- ${}^6S, {}^4F$ and 2D

Question No.50

4.00

Bookmark

Good restaurants serving pure vegetarian food are very hard to _____.

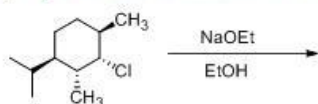
- come by
- get in
- take to
- go through

Question No.51

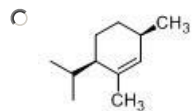
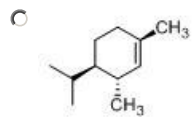
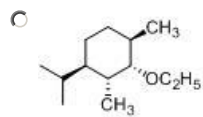
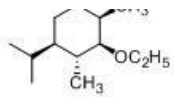
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Bookmark

The major product formed in the following reaction is



-

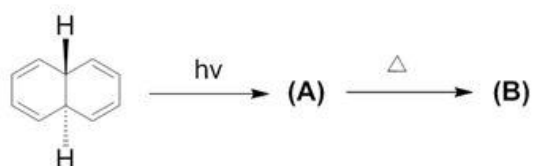


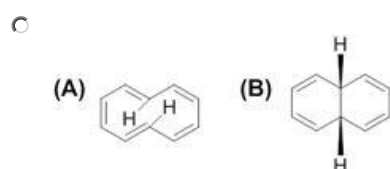
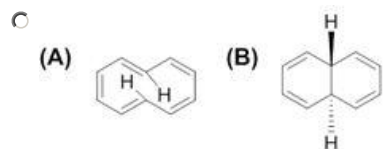
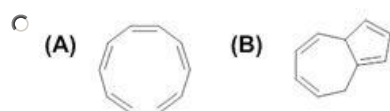
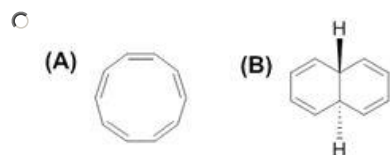
Question No.52

4.00

Bookmark

Identify the correct answers





Question No.53

4.00

Bookmark

The number of bridging ligand(s) and metal metal bond(s) present in the complex

$[\text{Ru}_2(\eta^5\text{-Cp})_2(\text{CO})_2(\text{Ph}_2\text{PCH}_2\text{PPh}_2)]$ (obeys 18-electron rule) respectively are

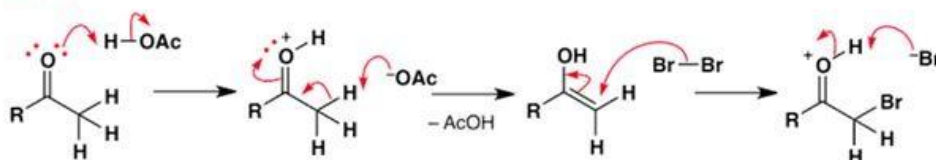
- 0 and 1
- 3 and 1
- 1 and 2
- 2 and 1

Question No.54

4.00

Bookmark

The following scheme shows a mechanism for the α -bromination of a methyl ketone with bromine in ethanoic acid. In which stage do the curly arrows wrongly show the flow of electrons?

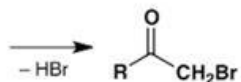


(1)

(2)

(3)

(4)



- Stage 4
- Stage 1
- Stage 3
- Stage 2

Question No.55

4.00

Bookmark

Among, RO^- , AsMe_3 , ROR' , CN^- , RCO_2^- , SCN^- , the set of ligands with good π -acceptor nature are:-

- RO^- , RCO_2^- , AsMe_3
- RO^- , RCO_2^- , SCN^-
- RO^- , ROR' , RCO_2^-
- AsMe_3 , CN^- , SCN^-

Question No.56

4.00

Bookmark

$\text{Fe}(\text{CO})_4$ is isolobal to:-

- $\text{Mn}(\text{CO})_4$
- $\text{Ru}(\text{CO})_4$
- $\text{Cu}(\text{CO})_4$
- $\text{Cr}(\text{CO})_4$

Question No.57

4.00

Bookmark

Which of the following is true for melting?

- exothermic process
- irreversible process
- endothermic process
- None of these

Question No.58

4.00

Bookmark

$[\text{MnO}_4]^-$ is deep purple in color whereas $[\text{ReO}_4]^-$ is colorless. This is due to greater energy required for

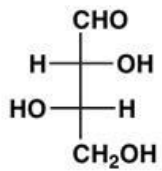
- d-d transitions in the Re compound compared to the Mn compound
- d-d transitions in the Mn compound compared to the Re compound
- charge transfer from O to Mn compared to O to Re
- charge transfer from O to Re compared to O to Mn

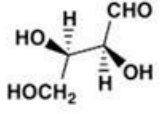
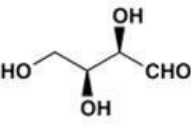
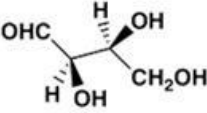
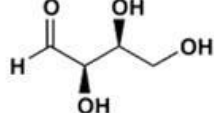
Question No.59

4.00

Bookmark

Which is the enantiomer of the following molecule?



- 
- 
- 
- 

Question No.60

4.00

Bookmark

The non-Planarity of Si_2H_4 is associated with:-

- Inert pair effect
- Weak Si-H bonds
- Weak Si-Si pi bonds
- Steric repulsion

Question No.61

4.00

Bookmark

The numbers of radial nodes of 3d orbital is:-

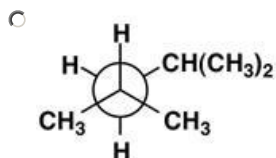
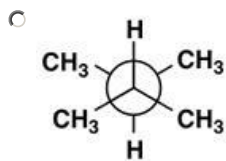
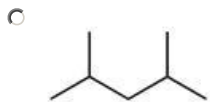
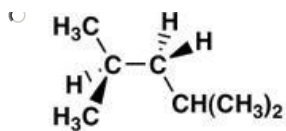
- 2
- 3
- 1
- 0

Question No.62

4.00

Bookmark

Which compound is different from the others?



Question No.63

4.00

Bookmark

Based on the information given, answer the below question.

1. A,B,C,D,E and F are travelling in a bus.
2. There are two reporters, two mechanics, one photographer and one writer in the group.
3. Photographer A is married to D who is a reporter.
4. The writer is married to B who is of the same profession as that of F.
5. A,B,C,D are two married couples and no one in this belong to the same profession.
6. F is the brother of C.

How is C related to F?

- Brother-in-law
- Cannot be determined
- Sister
- Brother

Question No.64

4.00

Bookmark

Choose the correct meaning of the italicized idiom.

He had great difficulty to *save his bacon* when he was blackmailed.

- Save pork
- Put bacon in the refrigerator
- Escape death
- Threaten somebody

Question No.65

4.00

Bookmark

The most stable hydride of the following is

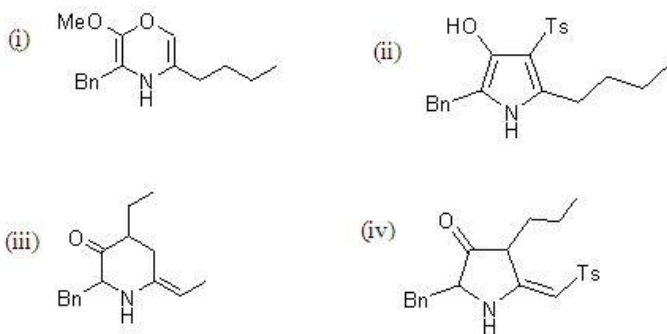
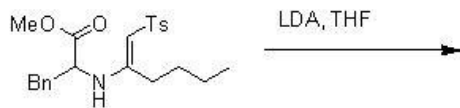
- NaH
- LiH
- KH
- CsH

Question No.66

4.00

Bookmark

The product of the following reaction is :



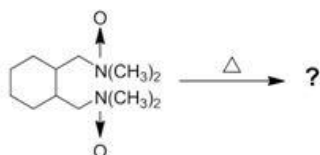
- (i) only
 a mixture of (i) and (ii)
 (ii) only
 a mixture of (iii) and (iv)

Question No.67

4.00

Bookmark

Identify the correct product.



-
-
-
-

Question No.68

4.00

Bookmark

It takes eight hours for a 600 km journey, if 120 km is done by train and the rest by car. It takes 20 minutes more, if 200 km is done by train and the rest by car. The ratio of the speed of the train to that of the cars is:

- 1:2
 2:3
 3:4
 1:4

Question No.69

4.00

Bookmark

The ground state term symbol for O_2^{2+} molecule is:-

- $2\Gamma_1$

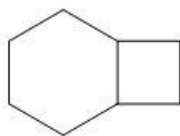
- $3\Sigma_g^-$
- $3\Pi_u$
- $1\Sigma_g^+$

Question No.70

4.00

Bookmark

IUPAC nomenclature of the following compound is



- Bicyclo [4.2.0] octane
- Bicyclo [4.2.2] octane
- Bicyclo [6.2.0] octane
- Bicyclo [6.2.2] octane

Question No.71

4.00

Bookmark

Use molecular orbital theory to determine the bond order for the O_2^+ ion in its ground state:-

- 2
- 3
- $2\frac{1}{2}$
- $1\frac{1}{2}$

Question No.72

4.00

Bookmark

Aluminum chloride melts at a much lower temperature than that of sodium chloride, because:-

- aluminum chloride is polymeric
- aluminum chloride is dimeric
- Al-Cl bond is highly covalent while NaCl is ionic
- the Al-Cl bond is more ionic than that of Na-Cl

Question No.73

4.00

Bookmark

$M(CH_2CHCH_2)$ complex does not have interaction between:-

- LGO with d_{xy} and $d_{x^2-y^2}$
- LGO with d_{xz} and d_{yz}
- LGO with d_{xz} and $d_{x^2-y^2}$
- LGO with d_{xz} and d_z^2

Question No.74

4.00

Bookmark

The oxidation state of iron in Haemoglobin is

- 1

- 0
- 3
- 2

Question No.75

4.00

Bookmark

The number of chemical shift non equivalent protons expected in ^1H NMR spectrum of α -Pinene is



- 8
- 9
- 7
- 10

Question No.76

4.00

Bookmark

The structures of XeF_2 and XeO_2F_2 respectively are

- linear, square planar
- bent, tetrahedral
- linear, see-saw
- bent, see-saw

Question No.77

4.00

Bookmark

Study the following information carefully and answer the question below it

The Director of an MBA college has decided that six guest lectures on the topics of Motivation, Decision Making, Quality Circle, Assessment Centre, Leadership and Group Discussion are to be organised on each day from Monday to Sunday.

- (i) One day there will be no lecture (Saturday is not that day), just before that day Group Discussion will be organised.
- (ii) Motivation should be organised immediately after Assessment Centre.
- (iii) Quality Circle should be organised on Wednesday and should not be followed by Group Discussion
- (iv) Decision Making should be organised on Friday and there should be a gap of two days between Leadership and Group Discussion

How many lectures are organised between Motivation and Quality Circle?

- Three

- Two
- One
- Four

Question No.78

4.00

Bookmark

Assertion: - India's president is appointed on a five-year term

Reason: -PratibhaPatil was appointed as India's first woman president in 2007

- A is true but R is false
- Both A and R are true and R is not the correct explanation of A
- Both A and R are true and R is the correct explanation of A
- A is false but R is true

Question No.79

4.00

Bookmark

Ugi four component reaction involves reaction between an aldehyde, amine, isocyanide and an acid. Based on the scheme given below identify the correct set building blocks to be used in Ugi reaction to obtain the compound shown in Fig.A:

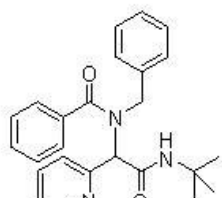
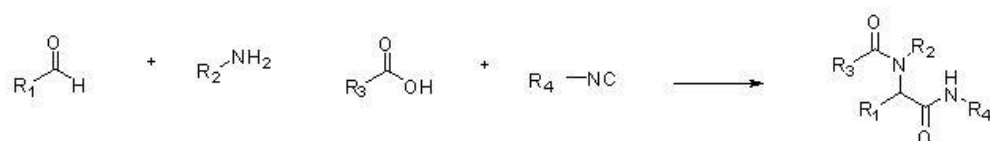
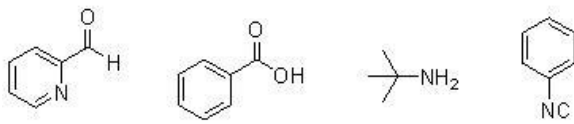
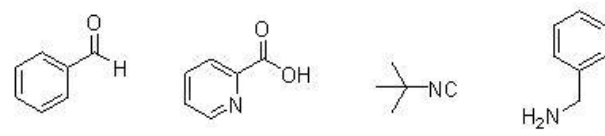
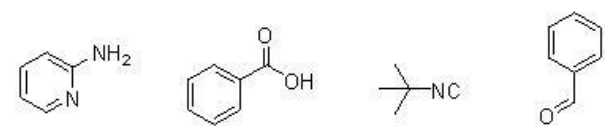
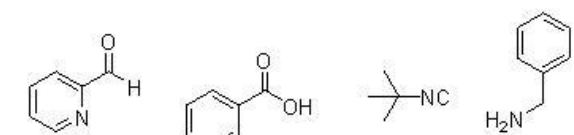




Fig.A

- 
- 
- 
- 

Question No.80

4.00

Bookmark

The biological role of ferritin is:-

- iron storage
- electron transfer
- oxygen storage
- metal transport

Question No.81

4.00

Bookmark

What is the symmetry of the antibonding molecular orbital formed by a linear combination of the p_x or p_y atomic orbitals in a homonuclear diatomic molecule?

- π_u
- σ_g
- σ_u

Question No.82

4.00

Bookmark

H₂ and CO can be produced from one of the following reactions:-

- H₂O reaction with CO₂
- H₂O reaction with C
- H₂O reaction with Mn(CO)₆
- H₂O reaction with Na

Question No.83

4.00

Bookmark

The higher stability of cis dichloro ethylene compared to its trans form is due to:-

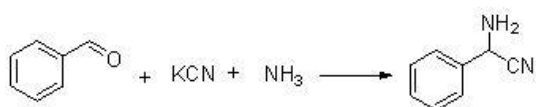
- Steric repulsion
- Inter-halogen attraction from weak interactions
- Hydrogen bonding
- Hyper-conjugation

Question No.84

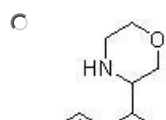
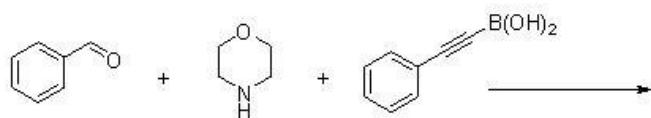
4.00

Bookmark

Based on the following reaction:



the product of the following reaction would be:





-
-
-

Question No.85

4.00

Bookmark

For a d^9 ion the singly occupied orbital is:-

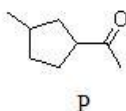
- a_{1g}
- b_{2g}
- e_g
- b_{1g}

Question No.86

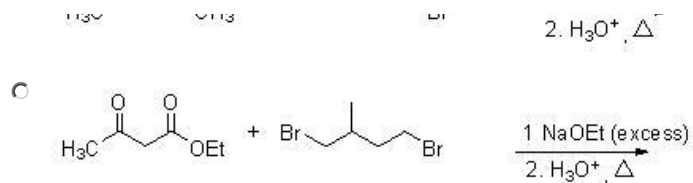
4.00

Bookmark

Which of the following reactions will result in the formation of the product (P) given below:



-
-
-



Question No.87

4.00

Bookmark

Reduction of $[\text{Co}(\text{NH}_3)_5\text{Cl}]^{2+}$ by $[\text{Cr}(\text{H}_2\text{O})_6]^{2+}$ is faster owing to:-

- presence of Cl-
- presence of water
- presence of amine
- high oxidation state

Question No.88

4.00

Bookmark

The substitution reaction in $[\text{Co}(\text{NH}_3)_5\text{Cl}]^{2+}$ is faster in the presence of:-

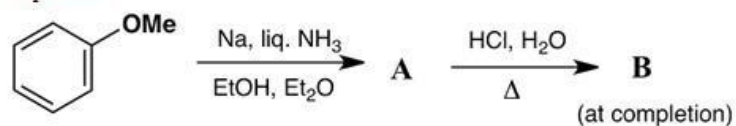
- OH^-
- Pressure
- Photo light
- Metal catalyst

Question No.89

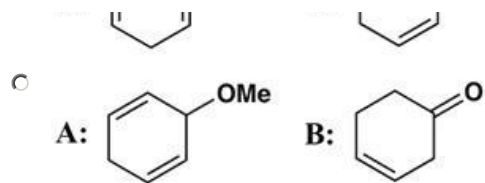
4.00

Bookmark

Which combination of compounds in (A)-(D) identifies A and B in the following reaction sequence?



- A: B:
- A: B:
- A: B:



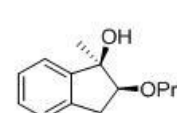
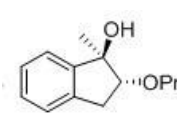
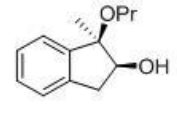
Question No.90

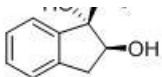
4.00

Bookmark

The major product formed in the following reaction is



- 
- 
- 
- $\text{HO}-\text{CH}_3$

**Question No.91**

4.00

Bookmark

Select the option which improves the underlined part of the sentences.

The Prime Minister called on the President.

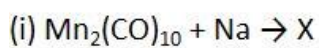
- in
- No improvement
- by
- to

Question No.92

4.00

Bookmark

In the following reactions,



(ii) $\text{X} + \text{CH}_3\text{COCl} \rightarrow \text{Y}$ The X and Y respectively are:-

- $[\text{Mn}(\text{CO})_5]^-$, $\text{CH}_3\text{C}(\text{O})\text{Mn}(\text{CO})_5$
- $[\text{Mn}(\text{CO})_4]^{2-}$, $[\text{CH}_3\text{C}(\text{O})\text{Mn}(\text{CO})_5]^-$
- $[\text{Mn}(\text{CO})_4]^{2-}$, $[\text{ClMn}(\text{CO})_5]^-$
- $[\text{Mn}(\text{CO})_5]^-$, $\text{ClMn}(\text{CO})_5$

Question No.93

4.00

Bookmark

Which of the following is an example of extensive property:-

- specific heat at constant volume
- enthalpy

- pressure
- temperature

Question No.94

4.00

Bookmark

The number of normal modes of vibration in H₂S molecule is:-

- 3
- 1
- 2
- 4

Question No.95

4.00

Bookmark

Huckel theory explains stability difference between:-

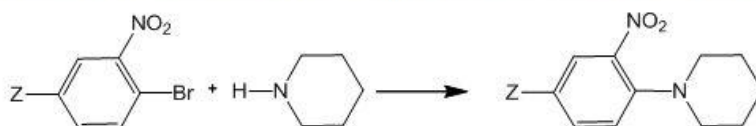
- Planar vs twisted bi-phenyl
- Benzene vs Dewar benzene
- Anthracene vs phenanthrene
- s-cis vs s-transbuta-diene

Question No.96

4.00

Bookmark

The correct order of the rate constants for the following series of reactions (Z = CF₃/CH₃/OCH₃) is



- OCH₃ > CF₃ > CH₃
- CF₃ > CH₃ > OCH₃
- CH₃ > OCH₃ > CF₃
- CF₃ > OCH₃ > CH₃

Question No.97

4.00

Bookmark

Which of the following dimethylcyclobutane is chiral?

- cis-1,3-dimethylcyclobutane
- cis- 1,2-dimethylcyclobutane
- trans-1,2-dimethylcyclobutane
- trans-1,3-dimethylcyclobutane

Question No.98

4.00

Bookmark

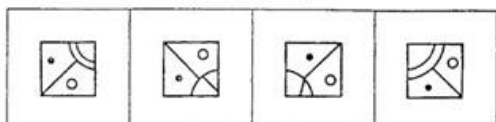
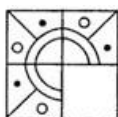
Cis-Pt(Cl)₂(NH₃)₂ from one of the following complexes:-

- PtCl₄
- Pt, NH₃ and Cl
- Pt(NH₃)₄
- Pt(NH₂)₄

Question No.99

4.00

Bookmark



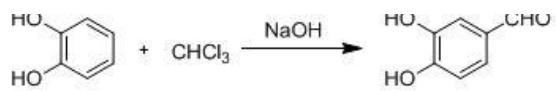
- (A) (B) (C) (D)
- D
 - B
 - C
 - A

Question No.100

4.00

Bookmark

Intermediate involved in the following reaction is



- CCl4
- CCl3
- CH2Cl2
- CCl2