

PU M Sc 5 Year Int Prog App Geology Chemistry and Physics

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100 PU_2015_380_N_Phy

The standard form (a+ib) of $3+2i+(-7-i)$ is:-

- 4+i
- 4+i
- 4-i
- 4+4i

2 of 100

102 PU_2015_380_N_Phy

L'Hopital's rule cannot be applied to $\frac{x+1}{x+3}$ as $x \rightarrow 0$ because $f(x)=x+1$ and $g(x)=x+3$ are

- not continuous
- in the indeterminate form as $x \rightarrow 0$
- not in the indeterminate form as $x \rightarrow 0$
- not differentiable

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114 PU_2015_380_N_Phy

The masses of ions liberated at an electrode is proportional to the strength of the current and time of conduction of the current in electrolyte is:-

- Joules law
- Faradays law
- Thomsons law
- None of the above

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116 PU_2015_380_N_Phy

The time required for 10% of a sample of thorium to disintegrate is:- (Thorium half- life is 1.4×10^{10} years)

- 1. 2×10^9 yrs
- 2. 1×10^9 yrs
- 3. 2×10^9 yrs
- 4. 2×10^9 yrs

5 of 100

112 PU_2015_380_N_Phy

The Davisson and Germers experiment proves the:-

- particle nature of electron
- electromagnetic nature of light
- free motion of electron.
- wave nature of electron

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118 PU_2015_380_N_Phy

Two point charges $+q$ and $-q$ are held fixed at $(-d,0)$ and $(d,0)$ respectively of a x-y co-ordinate system, then:-

- the electric field E at all points on the x-axis has the same direction
- work has to be done in bringing a test charge from infinity to the origin.
- electric field at all point on y - axis is along the x-axis
- the dipole moment is $2qd$ along the x-axis

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120 PU_2015_380_N_Phy

A magnetic needle is kept in a non-uniform magnetic field. It experiences:-

- a torque but not a force
- a force but not a torque
- a force and torque
- neither a force nor a torque

8 of 100

109 PU_2015_380_N_Phy

A convex lens focuses Sunlight on white paper and black paper kept at focus which would start burning first ?

- Both burn at the same time
- Depends on the material of the paper
- White paper
- Black paper

9 of 100

113 PU_2015_380_N_Phy

The resistance of the coil is _____ in tangent galvanometer in comparison with moving coil galvanometer.

- Same
- High
- Low

None of the above

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110 PU_2015_380_N_Phy

The maximum number of electrons in the sub shells s,p,d and f can be:-

2, 6, 14, 18

2, 8, 18, 32

2, 6, 10, 14

2, 2, 6, 10

11 of 100

122 PU_2015_380_N_Phy

A gas expanded adiabatically and its temperature fell down to T_1 . It then expanded isothermally and temperature now is T_2 . Then:-

$T_1 < T_2$

$T_1 > T_2$

$T_1 = T_2$

T_1 is nearly equal to T_2

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127 PU_2015_380_N_Phy

The dimensional formula of angular momentum is:-

$M L^2 T^{-1}$

$M L^2 T^{-2}$

$M L^{-1} T^{-2}$

$M L T^{-2}$

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121 PU_2015_380_N_Phy

While measuring the thermal conductivity of a liquid, we keep the upper part hot and lower cool, so that:-

heat conduction is easier downwards

it is easier and more convenient to do so

radiation may be stopped

convection may be stopped

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129 PU_2015_380_N_Phy

If two electrons are forced to come closer to each other, the P.E. of the system of 2 electrons will:-

Becomes zero

Decreases

- Becomes infinity
- Increases

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124 PU_2015_380_N_Phy

A spring of force constant k cut into three equal parts. The force constant of each part is:-

- $2k$
- $k/3$
- $3k$
- k

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103 PU_2015_380_N_Phy

Two equal forces act at a point. The square of their resultant is three times their product. What is the angle between them?

- 50°
- 30°
- 60°
- 15°

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105 PU_2015_380_N_Phy

A particle starts moving from the position of rest under a constant acceleration. It travels a distance x in the first 10 seconds and a distance y in the next 10 seconds then:-

- $y=3x$
- $y=2x$
- $y=x$
- $y=4x$

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115 PU_2015_380_N_Phy

How many $p-n$ junctions are there in a transistor (BJT)?

- 3
- 2
- 1
- none

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104 PU_2015_380_N_Phy

If a body possesses velocities 3m/s , 6m/s , 9m/s , and 12m/s at the end of first, second, third and fourth seconds, then the body moves:-

- with uniform velocity
- with uniform acceleration
- with non-uniform acceleration
- All these

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111 PU_2015_380_N_Phy

The de Broglie wave length of an electron of Kinetic energy 500 eV is:-

- 24.82 Å
- 44.82 Å
- 14.82 Å
- 34.82 Å

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128 PU_2015_380_N_Phy

In SI system of unit of radioactivity is:-

- Becquerel
- Curie
- Rutherford
- Rad

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108 PU_2015_380_N_Phy

Bending of light around a obstacle is known as:-

- polarization
- reflection
- diffraction
- none of the above

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123 PU_2015_380_N_Phy

Two airplanes headed for the same destination leave an airport an hour apart. The one that leaves first travels at 300km/hr and the other travels at 400km/hr. The latter will overtake the former in:-

- 4hr
- 45min
- 3hr
- 80min

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117 PU_2015_380_N_Phy

Which of the following is not a moderator in an atomic pilea?

- heavy water
- graphite
- boron
- beryllium

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107 PU_2015_380_N_Phy

In a double slit interference experiment, the maximum intensity of light would be _____ times that of the single slit experiment.

- Half
- Twice
- Four times
- Same

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119 PU_2015_380_N_Phy

A current I flows along the length of an infinitely long straight, thin-walled pipe. Then:-

- the magnetic field is different at different points inside the pipe
- the magnetic field at all points inside the pipe is the same, but not zero
- the magnetic field at any point inside the pipe is zero
- the magnetic field is zero only on the axis of the pipe

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101 PU_2015_380_N_Phy

The work done in moving a particle from the point A, with position vector $2\vec{i} - 6\vec{j} + 7\vec{k}$, to the point B, with position vector $3\vec{i} - \vec{j} - 5\vec{k}$, by a force $\vec{F} = \vec{i} + 3\vec{j} - \vec{k}$ is

- 28
- 26
- 27
- 25

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126 PU_2015_380_N_Phy

Young's modulus of the material of wire length L and radius r is Y N/m². If the length is reduced to L/2 and radius to r/2, then the Youngs modulus will be:-

- Y/2

- Y
- 2Y
- Y/4

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125 PU_2015_380_N_Phy

Two capillary tubes of different diameter are placed vertically in water. The rise of water is:-

- zero in both
- greater in tube of larger diameter
- same in both
- greater in tube of smaller diameter

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106 PU_2015_380_N_Phy

Real image can be located on the screen:-

- depends on the object
- depends on the screen
- false
- true

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104 PU_2015_380_N_Chem

The partial reduction of iron ore occurs as in $\text{Fe}_3\text{O}_4 + \text{CO} \rightarrow ? + \text{CO}_2$. The compound is:-

- FeO
- Fe_2O_3
- FeO_3
- Fe_3O_4

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127 PU_2015_380_N_Chem

Pick out the correct match for the given set of electrophiles; bromonium, sulphur trioxide, nitrosonium.

The set of electrophiles are:-

- neutral, neutral, charged
- charged, charged, neutral
- charged, neutral, charged
- charged, neutral, neutral

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114 PU_2015_380_N_Chem

Energy released in the reaction, ${}^2\text{D}_1 + {}^3\text{H}_1 \rightarrow {}^4\text{He}_2 + {}^2\text{n}_0$ is due to the following:-

- Nuclear fusion
- Radioactive disintegration
- Nuclear fission
- Artificial radioactivity

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116 PU_2015_380_N_Chem

Consider Daniel cell $\text{Zn} / \text{ZnSO}_4 (0.01\text{M}) // \text{CuSO}_4 (1.0 \text{ M}) / \text{Cu}$ with emf at 298K is E_1 when the concentration of ZnSO_4 is changed into 1.0 M and CuSO_4 is 0.01 M, the emf is E_2 , then:-

- $E_1 = 0, E_2 = 1$
- $E_1 > E_2$
- $E_1 < E_2$
- $E_1 = E_2$

35 of 100

115 PU_2015_380_N_Chem

Infrared spectra are associated with the given concept:-

- Stretching and bending of chemical bonds
- Interaction of nuclear spins with external magnetic field
- Interaction of electron spin with external magnetic field
- Moment of inertia and force constant

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112 PU_2015_380_N_Chem

Which of the following statement is wrong for Nernst distribution law?

- Two phases must be immisible
- Concentration of solute must be low
- Equilibrium must be attained
- Ratio of the species in the two phases must be constant

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110 PU_2015_380_N_Chem

About 25 g of FeSO_4 was dissolved in dil. H_2SO_4 and the volume made upto 1 lit. About 25 ml of this solution required 20 ml of N/10 KMnO_4 for complete oxidation. Calculate the percentage of $\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$ in the sample. (Given Fe, 56; K, 39; Mn, 55):-

- 0.08896
- 88.96
- 8.896
- 0.8896

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103 PU_2015_380_N_Chem

Transition metal elements form coordination compounds due to (i) low nuclear charge to ionic size ratio and (ii) presence of (n-1) vacant d orbital of suitable energy.

- (i) is true and (ii) is false
- (i) and (ii) are false
- (i) and (ii) are true
- (i) is false and (ii) is true

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111 PU_2015_380_N_Chem

Find the value of ΔG^* for a reaction with $K = 1$.

- RT
- 0
- 1
- RT

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117 PU_2015_380_N_Chem

Determine the equivalent mass of $\text{Na}_3\text{PO}_4 \cdot 12\text{H}_2\text{O}$ (molecular mass = X) and $\text{Ca}_3(\text{PO}_4)_2$ (molecular mass = Y):-

- X/2, Y/3
- X/2, Y/2
- X/3, Y/6
- X/3, Y/5

41 of 100

118 PU_2015_380_N_Chem

Pick out a reaction that is not affected by pressure variation.

- $\text{N}_2(\text{g}) + \text{O}_2(\text{g}) \leftrightarrow 2\text{NO}(\text{g})$
- $\text{N}_2(\text{g}) + 3\text{H}_2(\text{g}) \leftrightarrow 2\text{NH}_3(\text{g})$
- $2\text{SO}_2(\text{g}) + \text{O}_2(\text{g}) \leftrightarrow 2\text{SO}_3(\text{g})$
- $2\text{O}_3(\text{g}) \leftrightarrow 3\text{O}_2(\text{g})$

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107 PU_2015_380_N_Chem

Benzenediazonium chloride reacts with aniline to give:-

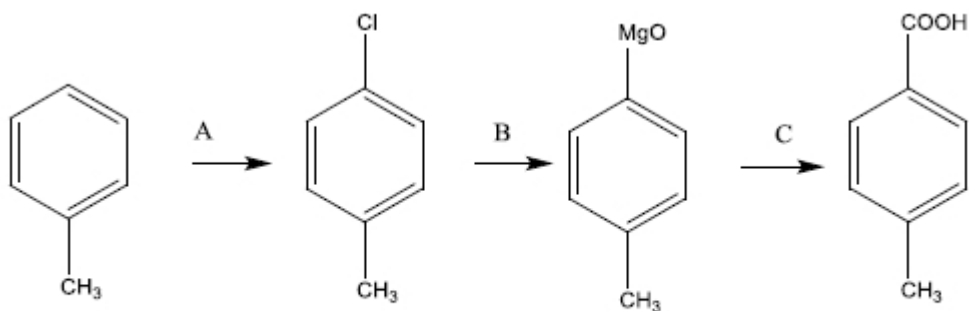
- p-Hydroxyazobenzene
- Azo benzene
- p-Dimethylaminoazobenzene

p-Aminoazobenzene

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109 PU_2015_380_N_Chem

Consider the reaction



B = Mg/ether, C = CO₂ followed by H₂O/H⁺

A = Cl₂/SnCl₂

A = Cl₂/AlCl₃

A = Cl₂/FeCl₃

A = Cl₂/ZnCl₂

44 of 100

108 PU_2015_380_N_Chem

Clemmensen reduction of benzaldehyde reaction with zinc amalgam yields:-

Benzyl alcohol

Toluene

Hydrobenzamide

Benzoic acid

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101 PU_2015_380_N_Chem

Mention the species having four lone pair of electrons.

Cl⁻

O⁻

I

He

46 of 100

129 PU_2015_380_N_Chem

Consider 3,5-dimethyl-4-nitroaniline is a stronger base than 2,6-dimethyl-4-nitroaniline, this is due to:-

- steric effect of substituent
- methyl group
- amino group
- two methyl groups

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122 PU_2015_380_N_Chem

De Broglie showed that an electron with mass m moving with a velocity v should be associated with:-

- spin
- wavenumber
- moment
- wavelength

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105 PU_2015_380_N_Chem

Salicylic acid is treated with $(\text{CH}_3\text{CO})_2\text{O}$ and conc. sulfuric acid to give:-

- Benzophenone
- Sulphanilic acid
- Aspirin
- Paraacetamol

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102 PU_2015_380_N_Chem

Electronic configuration of europium is;

- $[\text{Xe}] 4f^7 5d^0 6s^2$
- $[\text{Xe}] 4f^0 5d^7 6s^2$
- $[\text{Xe}] 4f^7 5d^2 6s^0$
- $[\text{Xe}] 4f^7 5d^5 6s^2$

50 of 100

126 PU_2015_380_N_Chem

Measurement of E° enables for the calculation of equilibrium constant using the formula:-

- $\ln K_{\text{eq}} = nRFE^\circ/T$
- $\ln K_{\text{eq}} = nE^\circ/FRT$
- $\ln K_{\text{eq}} = nFE^\circ/RT$
- $\ln K_{\text{eq}} = nFE^\circ T/R$

51 of 100

100 PU_2015_380_N_Chem

Find the increasing order of stability of the oxidation state of the elements.

- $\text{Pb}^{4+} < \text{Sn}^{4+} < \text{Ge}^{4+} < \text{Si}^{4+}$
- $\text{Pb}^{4+} < \text{Sn}^{4+} < \text{Si}^{4+} < \text{Ge}^{4+}$
- $\text{Sn}^{4+} < \text{Ge}^{4+} < \text{Si}^{4+} < \text{Pb}^{4+}$
- $\text{Pb}^{4+} < \text{Ge}^{4+} < \text{Si}^{4+} < \text{Sn}^{4+}$

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123 PU_2015_380_N_Chem

The effect in which the energy of a photon is reduced and that of an electron is increased is:-

- Compton effect
- Chadwick effect
- Zeeman effect
- Einstein effect

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121 PU_2015_380_N_Chem

Pick out the false statement (i) molecularity of a reaction can be zero, (ii) order of a reaction can be zero and (iii) order of a reaction is experimentally determined:-

- (i)
- (iii) and (i)
- (iii)
- (ii)

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119 PU_2015_380_N_Chem

A weather balloon is filled with hydrogen at 1 atm pressure and at 27° C occupies the volume 12000 lit. It reaches a place with temperature -23° C and pressure at 0.5 atm, the volume of the balloon becomes:-

- 20000 lit
- 1000 lit
- 12000 lit
- 24000 lit

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113 PU_2015_380_N_Chem

Zeigler-Natta catalyst is:-

- $\text{TiCl}_4, (\text{C}_2\text{H}_5)_3\text{Ti}$
- $\text{TiCl}_4, (\text{C}_2\text{H}_5)_3\text{Al}$
- $\text{TiCl}_4, (\text{C}_2\text{H}_5)_3\text{Li}$
- $\text{TiCl}_4, (\text{C}_2\text{H}_5)_3\text{Mg}$

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120 PU_2015_380_N_Chem

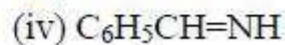
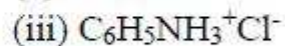
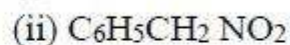
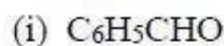
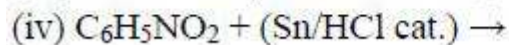
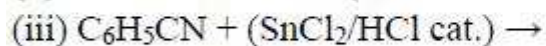
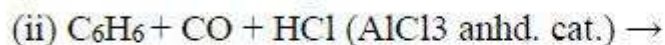
A solution of copper(II) sulphate is electrolysed between two copper electrodes by a current of 10.2 amp for 62 min at 298K. About 0.1875 mole of copper is dissolved from anode, calculate the amount of copper deposited from cathode:-

- 0.1875 mole
- 6.3 moles
- 63 moles
- 1.875 moles

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128 PU_2015_380_N_Chem

Match the following:-



- (i) and (i); (ii) and (ii); (iii) and (iii); (iv) and (iv)
- (i) and (iv); (iv) and (i); (iii) and (ii); (ii) and (iii)
- (i) and (iii); (iii) and (i); (ii) and (iv); (iv) and (ii)
- (i) and (ii); (ii) and (i); (iii) and (iv); (iv) and (iii)

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124 PU_2015_380_N_Chem

When two solutions having same osmotic pressure separated with a semipermeable membrane are said to be:-

- supersaturated solutions
- colloidal solutions
- isotonic solutions
- very dilute solutions

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125 PU_2015_380_N_Chem

The phase diagram of zinc-cadmium illustrates the eutectic point consists of:-

- Cd
- Zn
- Zn, Cd

neither Zn nor Cd

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106 PU_2015_380_N_Chem

Calculate the empirical formula of an organic compound containing C, 14.5; H, 1.8; Cl, 64.46; O, 19.24 observed in an elemental analysis.

$C_2H_3Cl_3O_2$

$C_2H_2Cl_3O_2$

$C_3H_3Cl_2O_2$

$C_2H_3Cl_2O_2$

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255 PU_2015_380

The minimum value of $x^2 + \frac{1}{1+x^2}$ is at

$x=4$

$x=3$

$x=0$

$x=1$

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251 PU_2015_380

The solution of the system of equation $x+2y+3z=6$, $3x-2y+z=6$, $4x+2y-z=7$ is

$x=1, y=1, z=1$

$x=1, y=-1, z=1$

$x=-1, y=-1, z=-1$

$x=-1, y=1, z=1$

63 of 100

241 PU_2015_380

The area bounded by the curves $y=|x|-1$ and $y=|x|+1$

1 square unit

4 square units

2 square units

$2\sqrt{2}$ square unit

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248 PU_2015_380

If z_1 and z_2 are two non zero complex numbers such that $|z_1 + z_2| = |z_1| + |z_2|$, then

$\arg(z_1) - \arg(z_2)$ is equal to

- $-\pi$
- $\frac{\pi}{2}$
- 0
- $-\frac{\pi}{2}$

65 of 100

242 PU_2015_380

The equation of the common tangent touching the circle $(x - 3)^2 + y^2 = 9$ and the parabola $y^2 = 4x$ above the x -axis is:-

- $\sqrt{3} y = x + 3$
- $\sqrt{3} y = 3x + 1$
- $\sqrt{3} y = -(3x + 1)$
- $\sqrt{3} y = -(x + 3)$

66 of 100

240 PU_2015_380

If $\phi(x) = f(x) + f(1 - x)$, $f''(x) < 0$, for $0 \leq x \leq 1$, then

- minima at $x = \frac{1}{2}$
- $\phi(x)$ is decreasing in the $\left[0, \frac{1}{2}\right]$
- $\phi(x)$ is increasing in the $\left[\frac{1}{2}, 2\right]$
- $\phi(x)$ is increasing in the $\left[0, \frac{1}{2}\right]$

67 of 100

238 PU_2015_380

If ω is the cube root of unity then the value of $(1 - \omega)(1 - \omega^2)(1 - \omega^4)(1 - \omega^8)$ is

- 9
- 16
- 32
- 9

68 of 100

222 PU_2015_380

Given $A = \sin^2 \theta + \cos^4 \theta$, then for all real values of θ

- $\frac{3}{4} \leq A \leq \frac{13}{16}$
- $\frac{13}{16} \leq A \leq 1$

$1 \leq A \leq 2$

$\frac{3}{4} \leq A \leq 1$

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249 PU_2015_380

If $\alpha + i\beta$ is one of the roots of the equation $x^3 + qx + r = 0$, then 2α is one of the roots of the equation

$x^3 + px + r = 0$

$x^3 - qx + r = 0$

$x^3 - px - r = 0$

$x^3 + qx - r = 0$

70 of 100

231 PU_2015_380

A plane passes through $(1, -2, 1)$ and is perpendicular to two planes $2x - 2y + z = 0$ and $x - y + 2z = 4$, then the distance of the plane from the point $(1, 2, 2)$ is

0

1

$\sqrt{2}$

$2\sqrt{2}$

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243 PU_2015_380

Let $f(\theta) = \sin \theta(\sin \theta + \sin 3\theta)$. Then $f(\theta)$

> 0 for all real θ

≥ 0 only when $\theta \geq 0$

≤ 0 for all real θ

≤ 0 only when $\theta \leq 0$

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253 PU_2015_380

The value of $\sec \frac{\pi}{7} + \sec \frac{3\pi}{7} + \sec \frac{5\pi}{7}$ is

4

8

3

2

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252 PU_2015_380

If $A = \begin{bmatrix} 1 & 0 & 0 \\ 0 & 1 & 1 \\ 0 & -2 & 4 \end{bmatrix}$, $6A^{-1} = A^2 + cA + dI$, then (c, d) is

- (6,11)
- (-11,6)
- (11,6)
- (-6,11)

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239 PU_2015_380

The equation of the common tangent to the curves $y^2 = 8x$ and $xy = -1$ is:-

- $2y = x + 8$
- $y = x + 2$
- $y = 2x + 1$
- $3y = 9x + 2$

75 of 100

224 PU_2015_380

The vectors $60\hat{i} + 3\hat{j}$, $40\hat{i} - 8\hat{j}$, $a\hat{i} - 52\hat{j}$ are collinear if the value of a is

- 40
- 40
- 20
- 30

76 of 100

246 PU_2015_380

The point on the curve $3y = 6x - x^3$, the normal at which passes through the origin is:-

- (-1, 1/3)
- (1, 1/3)
- (1/3, -1)
- (2, 28/3)

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225 PU_2015_380

The number of vectors of unit length perpendicular to vectors $\vec{a} = (1, 1, 0)$ and $\vec{b} = (0, 1, 1)$ is

- one
- two

- three
- infinite

78 of 100

220 PU_2015_380

Which of the following number is rational?

- $\sin 15^\circ \cos 75^\circ$
- $\sin 15^\circ$
- $\sin 15^\circ \cos 15^\circ$
- $\cos 15^\circ$

79 of 100

250 PU_2015_380

Let $f: (-1, 1) \rightarrow B$ be a function defined by $f(x) = \tan^{-1}\left(\frac{2x}{1-x^2}\right)$, then f is both one-to-one and onto when B is

- $\left(0, \frac{\pi}{2}\right)$
- $\left[0, \frac{\pi}{2}\right)$
- $\left(\frac{-\pi}{2}, \frac{\pi}{2}\right]$
- $\left[\frac{-\pi}{2}, \frac{\pi}{2}\right]$

80 of 100

245 PU_2015_380

The number of point of intersection of the curves $y = \cos x$, $y = \sin 3x$, if $-\pi/2 \leq x \leq \pi/2$ is

- 5
- 6
- 4
- 3

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244 PU_2015_380

If ω is the n th root of unity then:-

- $\omega = \omega^{(n-1)}$
- $\omega^n = 1$
- $\omega^n = 0$
- $1 + \omega^2 + \omega^4 + \dots = \omega + \omega^3 + \omega^5 + \dots$

82 of 100

232 PU_2015_380

The area of the triangle whose vertices are $A(1,-1,2)$, $B(2,1,-1)$, $C(3,-1,2)$ is:-

- $\sqrt{11}$ square units
- 15 square units
- $\sqrt{13}$ square units
- 13 square units

83 of 100

258 PU_2015_380

The angle between the two tangents drawn from the point $(-4,4)$ to $y^2=16x$ is:-

- 60°
- 90°
- 45°
- 30°

84 of 100

265 PU_2015_380

The area of the parallelogram in square units having a diagonal $3\hat{i} + \hat{j} - \hat{k}$ and a side $\hat{i} - 3\hat{j} + 4\hat{k}$ is

- $6\sqrt{30}$
- $3\sqrt{30}$
- $\frac{3}{2}\sqrt{30}$
- $10\sqrt{3}$

85 of 100

259 PU_2015_380

The distance between the foci of the ellipse $9x^2+5y^2 = 180$ is:-

- 6
- 2
- 4
- 8

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If $A = \begin{bmatrix} 0 & 0 \\ 0 & 5 \end{bmatrix}$, then A^{12} is

- $\begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix}$

$\begin{bmatrix} 0 & 0 \\ 0 & 5^{12} \end{bmatrix}$

$\begin{bmatrix} 0 & 0 \\ 0 & 60 \end{bmatrix}$

$\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$

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In the group $(\mathbb{Q}, +)$ the inverse of 0 is...

-1

1

∞

0

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In the group $(\mathbb{C} - \{0\}, \cdot)$ order of i is:-

4

1

3

2

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273 PU_2015_380

The rank of the matrix $\begin{pmatrix} 1 & 0 & 2 & 1 \\ 0 & 2 & 4 & 2 \\ 0 & 2 & 2 & 1 \end{pmatrix}$ is

1

0

2

3

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The order of $[4]$ in $\mathbb{Z}_7, +_7$ is:-

4

5

7

6

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Choose the most suitable 'one word' for the given expression.

Medical study of the skin and its diseases

Homeopathy

Orthopaedics

Dermatology

Venereology

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286 PU_2015_380

Choose the word which is opposite in meaning to the given **Ugly** word from the given sentence.

"The situation took an **ugly** turn in yesterday's meeting."

Dry

Pleasant

Beautiful

Lovely

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Choose the correct antonym of the given word

APPROPRIATE

Unqualified

Unskilled

Unable

Unsuitable

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In the following question, out of the given group of words, choose the mis-spelt one.

Corroborate

Corporate

Collar

Collaborate

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283 PU_2015_380

Choose the word opposite in meaning to the given word.

"KNOWLEDGE"

- Illiteracy
- Foolishness
- Ignorance
- Backwardness

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There is a cow _____ the field.

- At
- On
- In
- Among

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He is fond _____ tea.

- About
- In
- Off
- Of

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Cloth is to tailor as leather is to

- Carpenter
- Gardener
- Cobbler
- Painter

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Choose the one which you think is the most appropriate meaning for the idiom

"My hands are full"

- I am very busy
- I am having a lot of things to carry
- I am anxious

I am having a lots of money

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Choose the one which you think is the most appropriate meaning for the idiom

"Blind date"

Meeting with someone you do not know

Unknown future

Death-day

A cloudy day