## PU Ph D Green Energy Technology

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131 PU\_2015\_159

$$A = \begin{bmatrix} 2 & 1-i \\ 1+i & 6 \end{bmatrix}$$
 then A is:-  
Symmetric  
skew symmetric  
hermitian  
skew hermitian  
2 of 100  
107 PU\_2015\_159  
The straight lines L<sub>1</sub>: x=0, L<sub>2</sub>:y=0 and L<sub>3</sub>: x+y=1 are mapped by the transformation w=z<sup>2</sup> into the curves  
C<sub>1</sub>, C<sub>2</sub> and C<sub>3</sub> respectively. The angle of intersection between the curves at w=0 is:-  
 $\pi/4$ 

 $\begin{array}{c} \pi/4 \\ \pi \\ \pi \\ \pi/3 \\ \end{array}$ 

3 of 100

104 PU\_2015\_159 The first order differential equation M(x,y) dx+N(x,y) dy=0 is exact if:-



4 of 100 135 PU\_2015\_159

$$\int_{a}^{b} x^{-1+\varepsilon} dx \text{ where } \varepsilon \to 0 \text{ is}$$

Δ 1/ε
 Δ In(b/a)

**C** <sub>b<sup>ε</sup>-a<sup>ε</sup></sub>

5 of 100
120 PU\_2015\_159 The singularity of e<sup>sinZ</sup> at Z= ∞ is:A pole
non isolated essential singularity
a removable singularity
isolated essential singularity
6 of 100
117 PU\_2015\_159

complex conjugate of 
$$\frac{i\sqrt{-9}+5i}{1+\sqrt{-1}}$$
 is:-

C <sub>i-5</sub> t <sub>1+5i</sub>

C 1-5i

## 7 of 100

108 PU\_2015\_159

The possible set of eigen values of a 4x4 skew-symmestric orthogonal real matrix is:-

**C**  $\{\pm i, \pm 1\}$  **C**  $\{\pm 1\}$ **C**  $\{\pm i\}$ 

- $\square \quad \{0,\pm i\}$

8 of 100 105 PU\_2015\_159

If  $y = \sum_{m=0}^{\infty} C_m x^{r+m}$  is assumed to be a solution of the differential equation  $x^2 y'' - xy' - 3(1+x^2)y = 0$  then the values of r are:-

C -1 and 3

1 and 3

C -1 and -3

1 and -3

9 of 100 106 PU\_2015\_159

If a transformation y=uv transforms the given differential equation

f(x)y'' - 4f'(x)y' + g(x)y = 0 into the equation of the form v'' + h(x)v = 0 then u must be:-

C f2  $\bigcirc$ xf C 1/2f 1/f<sup>2</sup> 10 of 100 132 PU\_2015\_159 If there exist a non-zero minor of order r, then rank of A is:- $\odot$ less than r  $\bigcirc$ greater than or equal to r O Equal to r  $\bigcirc$ less than or equal to r

## 11 of 100

114 PU\_2015\_159 If A is an nxn non-singular matrix then which of the following is true?

- $\Box \quad adj(adj A) = |A|^{(n-1)}$
- $\Box |adj(adj A)| = |A|^{2(n-1)}$
- $|adj(adj A)| = |A|^{(n-1)^2}$
- $\Box \quad adj(adj A) = |A|^{(n-1)^2}$

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123 PU\_2015\_159

The residue of  $\frac{\frac{\sin Z}{Z^8}}{at Z=0}$  at Z=0 is:-

## C 0

 $-\frac{1}{7!}$ 

 $-\frac{1}{5!}$ none of these 13 of 100 128 PU\_2015\_159 If x > 1 and  $\frac{\sqrt{x}}{x^3} = x^m$ , what is the value of m? C 2  $C -\frac{5}{2}$ C <sub>-2</sub>  $-\frac{3}{2}$ 14 of 100 113 PU\_2015\_159  $\begin{vmatrix} a1 & a2 & a3 \\ b1 & b2 & b3 \\ c1 & c2 & c3 \end{vmatrix} \times \begin{vmatrix} a1 & a2 & a3 \\ b1 & b2 & b3 \\ c1 & c2 & c3 \end{vmatrix} \times \begin{vmatrix} a1 & a2 & a3 \\ b1 & b2 & b3 \\ c1 & c2 & c3 \end{vmatrix}$ is a determinant of order:-The determinant C 6 C 9 C 3 C 27 15 of 100 137 PU\_2015\_159 For XOR operator  $^{\bigoplus}$  which one is not correct? □ 0⊕0=1 □ 1⊕0=1 ○ 0⊕1=1 □ 1⊕1=0

**16 of 100** 119 PU\_2015\_159 When  $\cos \Theta = -1/2$ , then  $\Theta$  is in:-

C quadrant II

C quadrant I

C quadrant IV

C quadrant III

17 of 100 122 PU\_2015\_159

 $\int_0^1 \frac{x}{1+x^2} dx$  is:-

 $\bigcirc$ π/4  $\bigcirc$ 1 C log2

C log√2

18 of 100 130 PU\_2015\_159 All the diagonal elements of a skew symmetric matrix are:-

 $\bigcirc$ one

C Zero

C real

Dure imaginary

19 of 100

124 PU\_2015\_159

 $\log(x)$ The maximum value of x in (0,∞) is:-

🖸 1/e

C 1

🗖 e

none of these

20 of 100 129 PU\_2015\_159



118 PU\_2015\_159

The sum of the natural numbers between 100 and 1000 which are multiples of 5:-



**6** 98450

94850

none of these

#### 22 of 100

136 PU\_2015\_159

The equation of a straight line that passes through point A(1,-1) and has a slope equa to -1 is:-

y=1/x
 y=-x
 y=x+1
 y=x

23 of 100

110 PU\_2015\_159

|     |          | 265 | 240 | 219 |      |
|-----|----------|-----|-----|-----|------|
|     |          | 240 | 225 | 198 |      |
| The | value of | 219 | 198 | 181 | is:- |
| 0   | 1161     |     |     |     |      |
|     | 251      |     |     |     |      |
| 0   | 2151     |     |     |     |      |
| 0   | 0        |     |     |     |      |
| 24  | of 100   |     |     |     |      |

111 PU\_2015\_159

If  $A = \begin{bmatrix} \cos \alpha & -\sin \alpha \\ \sin \alpha & \cos \alpha \end{bmatrix}$  then A-1 is:-  $\begin{bmatrix} 0 & 1 \\ 1 & 0 \end{bmatrix}$ Not existing  $\begin{bmatrix} \cos \alpha & \sin \alpha \\ -\sin \alpha & \cos \alpha \end{bmatrix}$   $\begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix}$ 

## 25 of 100

112 PU\_2015\_159

If 
$$A = \begin{bmatrix} x & y \\ z & w \end{bmatrix}$$
 then Adj(Adj(A)) is equal to:-



## 26 of 100

174 PU\_2015\_159

An element 'X' emits successively two  $\alpha$  particles. The mass and atomic numbers of the element are decreased by, respectively.

- 4 and 8
- 2 and 4
- 4 and 6
- **4** and 4

## 27 of 100

172 PU\_2015\_159

When an atom/ion is missing from its normal lattice position creating vacancy, it is known as:-

Frenkel defect

Line defect

 $\bigcirc$ 

Schotky defect

C None

28 of 100 159 PU\_2015\_159 The electrolyte used in lead-acid battery is:- $\bigcirc$ HCI  $\Box$  $H_2SO_4$ HNO3 □ <sub>H2</sub>O 29 of 100 178 PU\_2015\_159 The point group of  $NH_3$  molecule is:- $\bigcirc$  $C_{1v}$  $\bigcirc$  $C_{2v}$  $\bigcirc$  $C_{3v}$ C \_\_\_\_\_ C<sub>να</sub> 30 of 100 167 PU\_2015\_159 The bond order of  $C_2$  molecule is:- $\bigcirc$ 1  $\bigcirc$ 2  $\bigcirc$ 0 C 3 31 of 100 148 PU\_2015\_159 The number of peaks in the EPR spectrum of  $CH_3^{\bullet}$  radical is:- $\bigcirc$ 2  $\bigcirc$ 3  $\bigcirc$ 1 C 4 32 of 100

143 PU\_2015\_159

According to Arrhenius equation,  $k = A \cdot e \cdot (E_a/RT)$ , as 'T' approaches infinity, 'k' will approach:-C A

C 0

C 1

Infinity

#### 33 of 100

#### 154 PU\_2015\_159

A Carnot engine operates between 600 and 800K, and observes 2000 calories heat from the source. The work done (in cal) is:-

 $\odot$ 1000

- $\bigcirc$ 666
- $\bigcirc$ 2000
- $\bigcirc$ 500

## 34 of 100

#### 155 PU\_2015\_159

As we move from bulk materials to nanostructured materials, the density of states (DOS):-



Remains same

 $\odot$ Not applicable

 $\bigcirc$ Increases

 $\bigcirc$ Decreases

## 35 of 100

173 PU\_2015\_159 The intense color of KMnO<sub>4</sub> is due to:-



 $\bigcirc$ LMCT

 $\bigcirc$ None

 $\bigcirc$ d-d transition

#### 36 of 100

1

170 PU\_2015\_159

The number of normal modes of vibration for H<sub>2</sub>O molecule is:-

- $\bigcirc$ 3
- $\bigcirc$
- $\bigcirc$
- $\bigcirc$ 2

## 37 of 100

149 PU\_2015\_159 One of the following molecules used as food preservatives is:-

 $\bigcirc$ Sodium benzoate

 $\bigcirc$ Ethylene glycol

 $\bigcirc$ 

 $\odot$ 

Sodium alkyl benzene sulphonate

C None

### 38 of 100

147 PU\_2015\_159

The Bayer's angle strain is expected to be maximum in:-

Cyclopentane

Cyclodecane

Cyclooctane

Cyclohexane

## 39 of 100

156 PU\_2015\_159 An example for the species having quadruple bond is:-

<sup>C</sup> Mn<sub>2</sub>(CO)<sub>10</sub>

Hg<sub>2</sub>(CH<sub>3</sub>COO)<sub>2</sub>

- Cr<sub>2</sub>O<sub>7</sub><sup>2-</sup>
- Re<sub>2</sub>Cl<sub>8</sub><sup>2-</sup>

## 40 of 100

162 PU\_2015\_159 An example for spinel compound is:-

- CaTiO<sub>3</sub>
- C <sub>C03</sub>O<sub>4</sub>

MgAl<sub>2</sub>O<sub>4</sub>

C None

41 of 100

- 176 PU\_2015\_159 Lead acid battery uses \_\_\_\_\_ as anode.
- PbO<sub>2</sub>
- PbSO<sub>4</sub>
- PbCl<sub>2</sub>
- C Pb

## 42 of 100

161 PU\_2015\_159 The molar entropy of crystalline CO at absolute zero is:-

| $\sim$ | Zero |
|--------|------|

C RIn2

| Ο | 2RIn2 |
|---|-------|
| O | –Rln2 |

**43 of 100** 142 PU\_2015\_159

The point group symmetry of H<sub>2</sub>O molecule is:-

C<sub>2v</sub> C<sub>1v</sub> C<sub>1v</sub>

C C<sub>3v</sub>

44 of 100

163 PU\_2015\_159 The most symmetrical crystal system is:-

Trigonal

Cubic

Triclinic

Monoclinic

45 of 100

164 PU\_2015\_159 Optical isomerism is exhibited by:-K<sub>4</sub>[Fe(CN)<sub>6</sub>]

K<sub>3</sub>[Fe(CN)<sub>6</sub>]

[Co(H2O)<sub>6</sub>]<sup>3+</sup>

[Co(en)<sub>3</sub>]<sup>3+</sup>

## 46 of 100

146 PU\_2015\_159 The absorption maximum of CdS is 470 nm. The approximate band gap in eV is:-

- 4.63
- 2.63
- 2.0
- 3.63
- C 1.63

## 47 of 100

171 PU\_2015\_159

A solution of sodium in liquid ammonia is blue in color due to the presence of:-

0

Sodamine

Solvated electrons

 $\bigcirc$ 

Solvated sodium ions

Solvated sodium atoms

48 of 100

153 PU\_2015\_159 Cathode of lead-acid battery is:-

PbO<sub>2</sub>

Cd Cd

Pb

PbSO<sub>4</sub>

49 of 100

166 PU\_2015\_159 All radioactive reactions are:-

First order reactions

Second order reactions

Third order reactions

Zero order reactions

#### 50 of 100

160 PU\_2015\_159 Picric acid is:-

Trinitrobenzene

Trinitrophenol

Tribromobenzene

Trinitrotoluene

### 51 of 100

 $\odot$ 

 $\bigcirc$ 

193 PU\_2015\_159 In gluconeogenesis, Glucose is synthesized from two molecules of pyruvate and:-

Two molecule of ATP

Four molecules of ATP

Four me

Six molecules of ATP

Eight molecules of ATP

#### 52 of 100

196 PU\_2015\_159

Enzyme that are used to hydrolyse fats into diglycerides, monoglycerides, fatty acids and glycerol is:-

Protease

Zymase

 $\bigcirc$ Cellulase  $\odot$ Lipase

## 53 of 100

208 PU 2015 159

The residue which has least conformational hindrance and thus can covers most of the area of Ramachandran plot is:-

 $\odot$ Alanine

 $\bigcirc$ 

Lysine

 $\odot$ Glycine

 $\odot$ Proline

## 54 of 100

215 PU\_2015\_159

A true breeding tall plant is crossed with a true breeding short plant and the F<sub>1</sub> generation produced is self-pollinated to produce F<sub>2</sub> generation. Ratio of true breeding tall and true breeding short plant in F<sub>2</sub> generation will be:-

 $\bigcirc$ 2:1

 $\odot$ 1:2

1:3

 $\bigcirc$ 1:1

55 of 100

211 PU\_2015\_159

Breakdown of pyruvate to give carbon dioxide, water and energy takes places in:-

 $\bigcirc$ Cytoplasm

 $\odot$ Nucleus

 $\odot$ Chloroplast

 $\odot$ Mitochondria

#### 56 of 100

187 PU 2015 159

What happen when wheat field is inoculated with *Rhizobium*?

- $\odot$
- Fertility of the soil decreases  $\bigcirc$ 
  - No increase in production / nitrogen content of the soil
- $\bigcirc$ Fertility of the soil increases
- $\bigcirc$ Increase in production/ nitrogen content of the soil

#### 57 of 100

#### 209 PU 2015 159

Specific group of atoms that is needed to mount the immune response of the antigen is called:-

| $\bigcirc$ | Antigenic determinant |
|------------|-----------------------|
|            | Antigenic determinant |

- Fab Fragment
- Antigen molecule
- Fc Fragment

185 PU\_2015\_159 For an ecosystem, which of the following is incorrect?

- Energy movement is non-cyclic
- Energy is lost irretrievably
- Energy movement is unidirectional

Energy movement is from higher to lower trophic level

## 59 of 100

 $\bigcirc$ 

207 PU\_2015\_159 Which of the following is not an Antigen Presenting Cell?

| $\sim$ | Monocytes |
|--------|-----------|
|        | wowers    |

| $\bigcirc$ | thymus epithelial cells | s |
|------------|-------------------------|---|
|            | inymus epimenai cer     | ŀ |

- macrophage
- 🖸 T cell

## 60 of 100

206 PU\_2015\_159 Which of the following can be classified as second messenger molecule?

G protein

adenylecyclase



phospholipase

## 61 of 100

216 PU\_2015\_159 A frog that feeds on insects is as:-

- Tertiary consumer
- Primary consumer
- Decomposures
- O
  - Secondary consumer

#### 62 of 100

186 PU\_2015\_159 Which of the following chemicals that can be related to biological magnification? Phospholipids

C Organophosphates

 $\odot$ Cholesterol

 $\bigcirc$ Fatty acids

## 63 of 100

200 PU\_2015\_159 Example of a light-driven proton pump is:-

O Bacteriorhodopsin



 $\bigcirc$ Na Channel

 $\bigcirc$ 

Connexin

64 of 100

214 PU\_2015\_159 How many genes a child receives from its father?

 $\bigcirc$ 25%

 $\bigcirc$ 75%

0 50%

C 100%

## 65 of 100

197 PU 2015 159

A method of purification of proteins according to their specificity to particular antibody/ substrate/ cofactor is called:-

O Electrophoresis

 $\bigcirc$ Affinity Chromatography

O

Gel filtration Chromatography

 $\bigcirc$ Ion exchange Chromatography

#### 66 of 100

228 PU\_2015\_159 The viscosity of gas is directly proportional to:-

 $\bigcirc$ 

characteristic gas constant

 $\bigcirc$ density of gas

 $\bigcirc$ square root of temperature

 $\bigcirc$ temperature

67 of 100 247 PU 2015 159

|              | - 22 |
|--------------|------|
| <b>R</b> ( ) |      |
| ы.           |      |
|              |      |

A semiconductor with equal concentration of acceptor and donor type of impurities is termed as:-

Compensated

Intrinsic

C Amphoteric

None of these

#### 68 of 100

248 PU\_2015\_159 An insulator is really a semiconductor which melts:-

 $\bigcirc$ 

 $\bigcirc$ 

- At low temperature
- 0

At high temperature

At very high temperature

None of these

#### 69 of 100

257 PU\_2015\_159 The sun release energy by:-

 $\odot$ 

Nuclear fusion

Hydro-thermal process

- Spontaneous combustion
- Nuclear fission

#### 70 of 100

227 PU\_2015\_159 A constant volume gas thermometer works on:-

Archimede's law

Charle's law

Boyle's law

 $\Box$ 

 $\bigcirc$ 

Pascal's law

#### 71 of 100

253 PU\_2015\_159 What is the average binding energy of a nucleon in the nucleus of an atom?

- C 7.8 eV
- 🖸 7.8 KeV
- C 7.8 MeV
- 7.8 BeV

72 of 100 246 PU\_2015\_159 The expression for Fourier level in a metal is:-

$$E_{f} = \frac{h^{2}}{8\pi m} \left[ \frac{3L}{N^{3}} \right]^{1/3}$$
$$E_{f} = \frac{h^{2}}{8m} \left[ \frac{3N}{\pi L^{3}} \right]^{2/3}$$
$$E_{f} = \frac{h^{2}}{8m} \left[ \frac{3\pi N}{L^{3}} \right]^{3/2}$$

 $\odot$ None of these

#### 73 of 100

255 PU\_2015\_159

Nuclear fission required high temperature because:-

 $\bigcirc$ The mass deficit must be supplied



 $\bigcirc$ 

All nuclear reactions absorb heat

The particles cannot come closer unless they are moving rapidly

 $\Box$ The binding energy must be supplied from an external source

#### 74 of 100

244 PU\_2015\_159

Which type of crystals are generally good optical reflectors?

| A |          |
|---|----------|
|   | Motolo   |
|   | Interars |



Ionic crystals

 $\odot$ Covalent crystals

 $\bigcirc$ All of the above

#### 75 of 100

245 PU 2015 159 Electronic contribution to the specific heat of a metal at low temperature is:-



An exponential function of T

 $\Box$ 

A linear function of T

 $\bigcirc$ Zero

 $\odot$ 

None of these

## 76 of 100

256 PU\_2015\_159

The mean life time of one of the atoms of a radioactive sample is:-



 $\bigcirc$ 2 ln λ

(1/λ)

C λ ln 2

224 PU\_2015\_159

The angular velocity of the body:-

 $\omega = \theta/t$ 



 $\omega = 2 \Pi r/t$ 

 $\Theta = 2\Pi r / t \sin \theta$ 

#### 78 of 100

234 PU\_2015\_159

In case of single core cable if the inner radius and outer radius of the insulation are doubled, the capacity of the cable will:-



become half



become four times

Become double

#### 79 of 100

252 PU\_2015\_159 The susceptibility of a superconductor is:-

- $\bigcirc$ 
  - Negative and unity
- Positive and small
- Positive and unity
- Negative and small

#### 80 of 100

236 PU\_2015\_159

Isotopes of given elements must have the same:-



number of proton in the nucleus

 $\bigcirc$ 

molecular weight

number of neutrons in the nucleus

Atomic weight

#### 81 of 100

238 PU\_2015\_159 Which of the following wavelength falls in X-ray region?

- 🖸 10-4 Å
- 1000 Å
- 🖸 10000 Å
- 🗖 1 Å

#### 242 PU\_2015\_159

The one which is not compatible with crystal symmetry is:-



Three-fold symmetry

- $\bigcirc$ One-fold symmetry
- $\bigcirc$ Six-fold symmetry
- $\Box$ Five-fold symmetry

#### 83 of 100

226 PU\_2015\_159

The profile of advancing liquid through a tube is:-

 $\odot$ 

straight line  $\bigcirc$ 

O

hyperbola

 $\bigcirc$ semicircle

parabola

#### 84 of 100

243 PU\_2015\_159

Germanium and silicon have diamond structure for which the molecules per unit cell are equal to:-

- O 2  $\bigcirc$ 8
- $\bigcirc$ л  $\bigcirc$ 1

## 85 of 100

225 PU 2015 159

The Centre of Gravity of triangular lamina lies at:-

- $\Box$ in centre
- $\bigcirc$ orthocenter
- $\bigcirc$ 
  - circum centre
- $\odot$ centroid
- 86 of 100
- 223 PU 2015 159

The total current density through the reverse biased depletion region under study state is:-

 $\Box$  $J_{tot} = \log J + J_{diff}$  $\square \qquad \qquad J_{tot} = J_{dr} + J_{diff}$  $\Box \qquad J_{tot} = J_n + J_p$ 

 $\Box \quad J_{tot} = \log J + V$ 

237 PU\_2015\_159

Which of the following can be deflected by a magnet?



 $\odot$ Ultra-violet rays

 $\odot$ 

beta ravs

 $\bigcirc$ X-rays

#### 88 of 100

254 PU\_2015\_159 The classical electron radius is of the order of:-



 $\odot$ 10<sup>-13</sup> cm

10<sup>-15</sup> cm

10<sup>-11</sup> cm

### 89 of 100

232 PU\_2015\_159

When viewed in white light, a soap bubbles show colour because of:-



Dispersion O Diffraction



Scattering

O Interference

#### 90 of 100

233 PU 2015 159 What type of waves carry sound in air?

| $\Box$ |                   |   |
|--------|-------------------|---|
|        | Longitudinal wave | 9 |
|        |                   | - |

Electromagnetic wave

| $\Box$ |                 |
|--------|-----------------|
|        | Transverse wave |

 $\bigcirc$ Transverse and longitudinal wave

#### 91 of 100

293 PU 2015 159 What is the purpose of supercharging an engine?  $\bigcirc$ To improve cooling of cylinders  $\bigcirc$ To reduce the noise of the engine  $\bigcirc$ To reduce specific fuel consumption  $\bigcirc$ 

To increase the power output of engine

282 PU\_2015\_159

The Rockwell number refers to a material's:-

| $\sim$ | Diacticity |
|--------|------------|
|        | Flasticity |

Hardness

 $\bigcirc$ 

Toughness

C Malleability

#### 93 of 100

#### 288 PU\_2015\_159

Which one of the following statements is correct? In a boiler, the air preheater is invariably:-



Condenser and feed pump



Forced draft fan and furnace

| _        |   |
|----------|---|
| 0.0      | - |
|          |   |
| <b>.</b> |   |
|          |   |

Forced draft fan and chimney

Economizer and feed pump

#### 94 of 100

| 283 P  | 2_U2  | 015_  | 159 |
|--------|-------|-------|-----|
| In die | sel c | vcle: | -   |

Compression ratio is greater than the expansion ratio



Compression ratio is less than the expansion ratio

Compression ratio and expansion ratio are the same

O

Compression ratio + expansion ratio= 1

#### 95 of 100

274 PU\_2015\_159

Stefan Boltzmann law is applicable for heat transfer by:-

| $\sim \sim$ | Conduction |
|-------------|------------|
|             | Conduction |

Radiation

| 1 - A | Convection |
|-------|------------|
|       | CONVECTION |

Conduction and radiation

#### 96 of 100

269 PU\_2015\_159
In heat exchangers, degree of approach is defined as the difference between temperatures of:Hot medium outlet and cold water outlet

Hot medium outlet and cold water inlet

Cold water inlet and outlet

Hot medium inlet and outlet

| 275 PU_2015_159  |     |
|--|-----|
| Two plates spaced 150mm apart are maintained at 1000°C and 70°C. The heat transfer will take plate | ace |
| mainly by:-  |     |

| Conv | vection |
|------|---------|
|------|---------|

Radiation

Forced convection

Free convection

### 98 of 100

268 PU\_2015\_159

Thermal conductivity of air with rise in temperature:-



 $\bigcirc$ 

Remains constant Increases

0

May increase or decrease depending on temperature

Decreases

## 99 of 100

295 PU\_2015\_159

When a liquid flows through a tube with sub-cooled or saturated boiling, what is the process known?

Pool boiling



- Forced convection boiling
- Convection boiling

## 100 of 100

277 PU\_2015\_159 Critical pressure of a liquid is the pressure:-



Above which liquid becomes solid

- Above which liquid becomes gas
- Above which liquid becomes vapour
- Above which liquid will remain liquid