NCL AFT

Previous Year Paper

(Mechanical)

04 Mar, 2024 Shift 1

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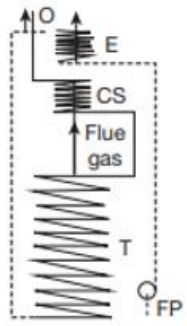
Participant ID	
Participant Name	
Test Center Name	
Test Date	04/03/2024
Test Time	8:30 AM - 10:00 AM
Subject	Assistant Foreman Mechanical Trainee

Section : **Section A**

Q.1



Which of the following boiler's arrangement is shown in the above figure?

Ans
✗ 1. Velox boiler
✗ 2. Schmidt-Hartmann boiler
✗ 3. Benson boiler
✓ 4. Once-through boiler

Question ID : **630680637503**
Option 1 ID : **6306802495728**
Option 2 ID : **6306802495730**
Option 3 ID : **6306802495729**
Option 4 ID : **6306802495731**
Status : **Answered**
Chosen Option : **1**

Q.2 Which of the following component in machines controls the speed variations caused by the fluctuation of the engine turning moment during each cycle of operation?

Ans
✔ 1. Flywheel
✘ 2. Gyroscope
✘ 3. Pantograph
✘ 4. Crankshaft

Question ID : **630680637465**
Option 1 ID : **6306802495577**
Option 2 ID : **6306802495579**
Option 3 ID : **6306802495576**
Option 4 ID : **6306802495578**
Status : **Answered**
Chosen Option : **1**

Q.3 If F = Limiting friction, and R = Normal reaction between the two bodies; what is the coefficient of friction (μ) ?

Ans
✘ 1. $\mu = F + R$
✘ 2. $\mu = F \times R$
✔ 3. $\mu = \frac{F}{R}$
✘ 4. $\mu = F - R$

Question ID : **630680637474**
Option 1 ID : **6306802495613**
Option 2 ID : **6306802495612**
Option 3 ID : **6306802495614**
Option 4 ID : **6306802495615**
Status : **Answered**
Chosen Option : **3**

Q.4 Which of the following statement is correct regarding the impulse and reaction turbine?

I. Blade efficiency is less in impulse turbine than in reaction turbine.
II. Impulse turbine develops higher power than reaction turbine.

Ans
✔ 1. Only I
✘ 2. Neither I nor II
✘ 3. Only II
✘ 4. Both I and II

Question ID : **630680637511**
Option 1 ID : **6306802495760**
Option 2 ID : **6306802495763**
Option 3 ID : **6306802495761**
Option 4 ID : **6306802495762**
Status : **Answered**
Chosen Option : **1**

Q.5 Which of the following device is used for measuring the pressure at a point in a fluid?

Ans
✗ 1. Galvanometer
✗ 2. Ammeter
✓ 3. Manometer
✗ 4. Hydrometer

Question ID : **630680637515**
Option 1 ID : **6306802495776**
Option 2 ID : **6306802495777**
Option 3 ID : **6306802495778**
Option 4 ID : **6306802495779**
Status : **Answered**
Chosen Option : **3**

Q.6 Which of the following assumptions made in 'Euler's column theory' is correct?

I. The column is initially perfectly straight, and the load is applied axially.
II. The cross section of the column is uniform throughout its length.

Ans
✗ 1. Neither I nor II
✗ 2. Only II
✓ 3. Both I and II
✗ 4. Only I

Question ID : **630680637478**
Option 1 ID : **6306802495631**
Option 2 ID : **6306802495629**
Option 3 ID : **6306802495630**
Option 4 ID : **6306802495628**
Status : **Answered**
Chosen Option : **3**

Q.7 The temperature at which _____ takes place at a given pressure is called the saturation temperature and the given pressure is called the saturation pressure.

Ans
✓ 1. vaporization
✗ 2. freezing
✗ 3. solidification
✗ 4. melting

Question ID : **630680637484**
Option 1 ID : **6306802495655**
Option 2 ID : **6306802495653**
Option 3 ID : **6306802495654**
Option 4 ID : **6306802495652**
Status : **Answered**
Chosen Option : **1**

Q.8 Which of the following term in gears is defined as the curve formed by the face and flank of the tooth?

Ans
✔ 1. Profile
✘ 2. Tooth space
✘ 3. Backlash
✘ 4. Module

Question ID : **630680637469**
Option 1 ID : **6306802495594**
Option 2 ID : **6306802495595**
Option 3 ID : **6306802495593**
Option 4 ID : **6306802495592**
Status : **Answered**
Chosen Option : **3**

Q.9 If E = Young's modulus of the material, μ = Poisson's ratio, K = Bulk Modulus; which of the following relation among these elastic constants is correct?

Ans
✘ 1. $E = 4K(1+2\mu)$
✔ 2. $E = 3K(1-2\mu)$
✘ 3. $E = 6K(1-3\mu)$
✘ 4. $E = 5K(1+\mu)$

Question ID : **630680637481**
Option 1 ID : **6306802495642**
Option 2 ID : **6306802495640**
Option 3 ID : **6306802495641**
Option 4 ID : **6306802495643**
Status : **Answered**
Chosen Option : **2**

Q.10 'Light belt drives' are used to transmit small powers at belt speeds _____.

Ans
✔ 1. up to about 10 m/s
✘ 2. over 30 m/s but up to 40 m/s
✘ 3. over 10 m/s but up to 22 m/s
✘ 4. over 22 m/s but up to 30 m/s

Question ID : **630680637466**
Option 1 ID : **6306802495580**
Option 2 ID : **6306802495583**
Option 3 ID : **6306802495581**
Option 4 ID : **6306802495582**
Status : **Answered**
Chosen Option : **1**

Q.11 Based on Clausius inequality, the cyclic integral of $\frac{\delta Q}{T}$ for a reversible cycle is always _____.

Ans
✗ 1. equal to one
✓ 2. equal to zero
✗ 3. less than zero
✗ 4. equal to infinity

Question ID : **630680637491**
Option 1 ID : **6306802495683**
Option 2 ID : **6306802495680**
Option 3 ID : **6306802495682**
Option 4 ID : **6306802495681**
Status : **Answered**
Chosen Option : **2**

Q.12 'Continuity equation' of the compressible flow is based on which of the following principle?

Ans
✗ 1. Conservation of enthalpy
✗ 2. Conservation of entropy
✗ 3. Conservation of momentum
✓ 4. Conservation of mass

Question ID : **630680637518**
Option 1 ID : **6306802495788**
Option 2 ID : **6306802495791**
Option 3 ID : **6306802495790**
Option 4 ID : **6306802495789**
Status : **Answered**
Chosen Option : **4**

Q.13 Which of the following statement is correct regarding the types of fluid flow?

I. In Compressible flow, the density is constant for the fluid flow.
II. In Incompressible flow, the density is not constant for the fluid flow.

Ans
✗ 1. Only II
✗ 2. Only I
✓ 3. Neither I nor II
✗ 4. Both I and II

Question ID : **630680637514**
Option 1 ID : **6306802495773**
Option 2 ID : **6306802495772**
Option 3 ID : **6306802495775**
Option 4 ID : **6306802495774**
Status : **Answered**
Chosen Option : **3**

Q.14 'Otto cycle' is based on which of the following process?

Ans
✗ 1. Constant temperature
✓ 2. Constant volume
✗ 3. Constant pressure
✗ 4. Both constant pressure and constant temperature

Question ID : **630680637492**
Option 1 ID : **6306802495686**
Option 2 ID : **6306802495685**
Option 3 ID : **6306802495684**
Option 4 ID : **6306802495687**
Status : **Answered**
Chosen Option : **2**

Q.15 Which of the following statement is correct regarding the comparison between diesel cycle and Otto cycle?

I. The equation for efficiency of diesel cycle is exactly the same as that of Otto cycle.
II. For a given compression ratio, the Otto cycle is more efficient.

Ans
✗ 1. Both I and II
✗ 2. Neither I nor II
✓ 3. Only II
✗ 4. Only I

Question ID : **630680637495**
Option 1 ID : **6306802495698**
Option 2 ID : **6306802495699**
Option 3 ID : **6306802495697**
Option 4 ID : **6306802495696**
Status : **Answered**
Chosen Option : **3**

Q.16 Cutting tools, used in the lathe, develop the property of _____ due to addition of tungsten and molybdenum to high carbon steel.

Ans
✗ 1. black-hardness
✓ 2. red-hardness
✗ 3. green-hardness
✗ 4. grey-hardness

Question ID : **630680637529**
Option 1 ID : **6306802495834**
Option 2 ID : **6306802495832**
Option 3 ID : **6306802495833**
Option 4 ID : **6306802495835**
Status : **Answered**
Chosen Option : **4**

Q.17 Which of the following device is used for measuring the rate of a flow of a fluid flowing through a pipe?

Ans
✗ 1. Hydrometer
✗ 2. Pressure gauge
✗ 3. Spirit Level
✓ 4. Venturimeter

Question ID : **630680637520**
Option 1 ID : **6306802495798**
Option 2 ID : **6306802495797**
Option 3 ID : **6306802495799**
Option 4 ID : **6306802495796**
Status : **Answered**
Chosen Option : **4**

Q.18 IC engines are rated in terms of _____.

Ans
✗ 1. form factor
✗ 2. module
✓ 3. brake horse power
✗ 4. cut-off ratio

Question ID : **630680637499**
Option 1 ID : **6306802495712**
Option 2 ID : **6306802495714**
Option 3 ID : **6306802495715**
Option 4 ID : **6306802495713**
Status : **Answered**
Chosen Option : **3**

Q.19 "For a four-bar mechanism, the sum of the shortest and longest link lengths should not be greater than the sum of the remaining two link lengths."

Which of the following law associated with this statement?

Ans
✓ 1. Grashof's law
✗ 2. Lenz's law
✗ 3. Biot-Savart law
✗ 4. Fick's law

Question ID : **630680637462**
Option 1 ID : **6306802495566**
Option 2 ID : **6306802495565**
Option 3 ID : **6306802495567**
Option 4 ID : **6306802495564**
Status : **Answered**
Chosen Option : **1**

Q.20 The mechanism of which of the following tool is called 'slotted lever quick return' mechanism?

Ans
✔ 1. Shaper
✘ 2. Hacksaw
✘ 3. Mallet
✘ 4. Twist drill

Question ID : **630680637530**
Option 1 ID : **6306802495837**
Option 2 ID : **6306802495839**
Option 3 ID : **6306802495838**
Option 4 ID : **6306802495836**
Status : **Answered**
Chosen Option : **1**

Q.21 If the thickness of the wall of the cylindrical vessel is less than _____ of its internal diameter, the cylindrical vessel is known as a 'thin cylinder'.

Ans
✘ 1. $\frac{1}{50}$ to $\frac{1}{60}$
✘ 2. $\frac{1}{4}$ to $\frac{1}{8}$
✘ 3. $\frac{1}{2}$ to $\frac{1}{3}$
✔ 4. $\frac{1}{15}$ to $\frac{1}{20}$

Question ID : **630680637479**
Option 1 ID : **6306802495632**
Option 2 ID : **6306802495635**
Option 3 ID : **6306802495634**
Option 4 ID : **6306802495633**
Status : **Answered**
Chosen Option : **4**

Q.22 Which property of the molding sand is the ability to allow gases, water vapor and air to pass through it?

Ans
✘ 1. Green sand strength
✔ 2. Permeability
✘ 3. Cohesiveness
✘ 4. Refractoriness

Question ID : **630680637522**
Option 1 ID : **6306802495807**
Option 2 ID : **6306802495805**
Option 3 ID : **6306802495806**
Option 4 ID : **6306802495804**
Status : **Answered**
Chosen Option : **2**

Q.23 Which of the following efficiency is defined as the volume flow rate of air into the intake system divided by the rate at which the volume is displaced by the system?

Ans
✗ 1. Indicated thermal efficiency
✓ 2. Volumetric efficiency
✗ 3. Brake thermal efficiency
✗ 4. Mechanical efficiency

Question ID : **630680637498**
Option 1 ID : **6306802495708**
Option 2 ID : **6306802495710**
Option 3 ID : **6306802495709**
Option 4 ID : **6306802495711**
Status : **Answered**
Chosen Option : **2**

Q.24 Which of the following is the boiler accessory not the boiler mounting?

Ans
✗ 1. Fusible plug
✗ 2. Blow-down cock
✗ 3. Pressure gauge
✓ 4. Air preheater

Question ID : **630680637541**
Option 1 ID : **6306802495882**
Option 2 ID : **6306802495881**
Option 3 ID : **6306802495880**
Option 4 ID : **6306802495883**
Status : **Answered**
Chosen Option : **4**

Q.25 Which of the following are the main parts of a centrifugal pump?

I. Impeller
II. Suction pipe
III. Delivery pipe

Ans
✗ 1. Only I and II
✗ 2. Only I and III
✗ 3. Only II and III
✓ 4. I, II and III

Question ID : **630680637521**
Option 1 ID : **6306802495800**
Option 2 ID : **6306802495802**
Option 3 ID : **6306802495801**
Option 4 ID : **6306802495803**
Status : **Answered**
Chosen Option : **2**

Q.26 For which of the following specific fuel in IC engine, the ideal cycle is NOT the 'Otto cycle'?

Ans
✔ 1. Diesel
✘ 2. Petrol
✘ 3. Coal gas
✘ 4. Producer gas

Question ID : **630680637542**
Option 1 ID : **6306802495884**
Option 2 ID : **6306802495885**
Option 3 ID : **6306802495886**
Option 4 ID : **6306802495887**
Status : **Answered**
Chosen Option : **1**

Q.27 Which of the following operation is usually NOT carried out on lathe machine?

Ans
✔ 1. Welding
✘ 2. Facing
✘ 3. Turning
✘ 4. Parting

Question ID : **630680637532**
Option 1 ID : **6306802495847**
Option 2 ID : **6306802495845**
Option 3 ID : **6306802495844**
Option 4 ID : **6306802495846**
Status : **Answered**
Chosen Option : **1**

Q.28 Which of the following are the examples of 'Pure Substance'?

I. Mixture of liquid water and steam
II. Mixture of ice and water
III. Mixture of liquid air and gaseous air

Ans
✔ 1. Only I and II
✘ 2. Only II and III
✘ 3. Only I and III
✘ 4. I, II and III

Question ID : **630680637482**
Option 1 ID : **6306802495644**
Option 2 ID : **6306802495645**
Option 3 ID : **6306802495646**
Option 4 ID : **6306802495647**
Status : **Answered**
Chosen Option : **1**

Q.29 In the match plate pattern, bottom side of match plate pattern is used for making the bottom half of the mould impression in one moulding box, known as the _____.

Ans
✗ 1. cope
✗ 2. slip
✗ 3. pitch
✓ 4. drag

Question ID : **630680637523**
Option 1 ID : **6306802495809**
Option 2 ID : **6306802495808**
Option 3 ID : **6306802495811**
Option 4 ID : **6306802495810**
Status : **Answered**
Chosen Option : **4**

Q.30 The gears having velocity _____ are termed as high velocity gears.

Ans
✗ 1. between 3 and 9 m/s
✗ 2. less than 3 m/s
✗ 3. between 9 and 12 m/s
✓ 4. more than 15 m/s

Question ID : **630680637468**
Option 1 ID : **6306802495589**
Option 2 ID : **6306802495588**
Option 3 ID : **6306802495590**
Option 4 ID : **6306802495591**
Status : **Answered**
Chosen Option : **3**

Q.31 The method of obtaining different mechanisms by fixing different links in a kinematic chain, is known as _____ of the mechanism.

Ans
✗ 1. rigidness
✗ 2. consistency
✓ 3. inversion
✗ 4. equilibrium

Question ID : **630680637463**
Option 1 ID : **6306802495571**
Option 2 ID : **6306802495570**
Option 3 ID : **6306802495568**
Option 4 ID : **6306802495569**
Status : **Answered**
Chosen Option : **3**

Q.32 The unit of stress expressed as 'MPa' has gained wide acceptance. How many 'MPa' are there in '1 GPa'?

Ans
✔ 1. 1000
✘ 2. 100
✘ 3. 10
✘ 4. 10000

Question ID : **630680637544**
Option 1 ID : **6306802495894**
Option 2 ID : **6306802495893**
Option 3 ID : **6306802495892**
Option 4 ID : **6306802495895**
Status : **Answered**
Chosen Option : **1**

Q.33 Which of the following operation means making a hole in a solid metal piece by using a rotating tool?

Ans
✘ 1. Annealing
✔ 2. Drilling
✘ 3. Grinding
✘ 4. Welding

Question ID : **630680637535**
Option 1 ID : **6306802495859**
Option 2 ID : **6306802495858**
Option 3 ID : **6306802495857**
Option 4 ID : **6306802495856**
Status : **Answered**
Chosen Option : **2**

Q.34 Which of the following statement is correct regarding the cooling system of an I.C engine?

I. The indirect cooling system uses natural circulation or forced circulation of water.
II. The indirect cooling system with forced circulation of water is mostly used in large and medium sized units.

Ans
✘ 1. Neither I nor II
✔ 2. Both I and II
✘ 3. Only I
✘ 4. Only II

Question ID : **630680637500**
Option 1 ID : **6306802495719**
Option 2 ID : **6306802495718**
Option 3 ID : **6306802495716**
Option 4 ID : **6306802495717**
Status : **Answered**
Chosen Option : **4**

Q.35 Which of the following statement is correct regarding the various systems of forces?

I. The forces, whose lines of action lie on the same plane, are known as collinear forces.
II. The forces, whose lines of action lie on the same line, are known as coplanar forces.

Ans
1. Only I
2. Both I and II
3. Only II
4. Neither I nor II

Question ID : **630680637472**
Option 1 ID : **6306802495604**
Option 2 ID : **6306802495606**
Option 3 ID : **6306802495605**
Option 4 ID : **6306802495607**
Status : **Answered**
Chosen Option : **4**

Q.36 The function of which of the following boiler accessories is to recover some of the heat carried away in the flue gases up the chimney and utilize for heating the feed water to the boiler?

Ans
1. Injector
2. Superheater
3. Air preheater
4. Economiser

Question ID : **630680637504**
Option 1 ID : **6306802495734**
Option 2 ID : **6306802495733**
Option 3 ID : **6306802495735**
Option 4 ID : **6306802495732**
Status : **Answered**
Chosen Option : **4**

Q.37 Which of the following equation shows the correct expression for 'Newton's law of viscosity'? (If μ = Viscosity, τ = Shear stress, $\frac{du}{dy}$ = Rate of shear deformation)

Ans

✔ 1. $\tau = \mu \frac{du}{dy}$

✘ 2. $\tau = 2\mu \frac{du}{dy}$

✘ 3. $\tau = \mu \frac{d^3u}{dy^3}$

✘ 4. $\tau = \mu \frac{d^2u}{dy^2}$

Question ID : **630680637512**
Option 1 ID : **6306802495764**
Option 2 ID : **6306802495765**
Option 3 ID : **6306802495767**
Option 4 ID : **6306802495766**
Status : **Answered**
Chosen Option : **1**

Q.38 **Which of the following device is a simple heat exchanger in which heat is removed from the air after it has been compressed and its temperature has risen as a result of compression?**

Ans

✔ 1. Intercooler

✘ 2. Blow-down cock

✘ 3. Superheater

✘ 4. Economiser

Question ID : **630680637505**
Option 1 ID : **6306802495738**
Option 2 ID : **6306802495737**
Option 3 ID : **6306802495739**
Option 4 ID : **6306802495736**
Status : **Answered**
Chosen Option : **1**

Q.39 **Regarding centrifugal air compressor, which of the following efficiency may be defined as the ratio of isentropic temperature rise to actual temperature rise?**

Ans

✘ 1. Polytropic efficiency

✘ 2. Mechanical efficiency

✘ 3. Volumetric efficiency

✔ 4. Isentropic efficiency

Question ID : **630680637507**
Option 1 ID : **6306802495746**
Option 2 ID : **6306802495744**
Option 3 ID : **6306802495745**
Option 4 ID : **6306802495747**
Status : **Answered**
Chosen Option : **4**

Q.40 If the Reynold number is _____, it is called 'turbulent flow'.

Ans
✔ 1. more than 4000
✘ 2. less than 2000
✘ 3. in between 3000 to 3500
✘ 4. in between 2000 to 2700

Question ID : **630680637516**
Option 1 ID : **6306802495783**
Option 2 ID : **6306802495780**
Option 3 ID : **6306802495782**
Option 4 ID : **6306802495781**
Status : **Answered**
Chosen Option : **1**

Q.41 "It is impossible to construct an engine, which while operating in a cycle produces no other effect except to extract heat from a single reservoir and do equivalent amount of work." Which of the following law is related to this statement?

Ans
✔ 1. Second law of thermodynamics
✘ 2. Kepler's second Law
✘ 3. Third law of thermodynamics
✘ 4. Zeroth law of thermodynamics

Question ID : **630680637488**
Option 1 ID : **6306802495671**
Option 2 ID : **6306802495669**
Option 3 ID : **6306802495668**
Option 4 ID : **6306802495670**
Status : **Answered**
Chosen Option : **1**

Q.42 What is the usual angle between the two cutting lips in the 'twist drill' used in the drilling operation?

Ans
✔ 1. 118°
✘ 2. 78°
✘ 3. 48°
✘ 4. 18°

Question ID : **630680637528**
Option 1 ID : **6306802495828**
Option 2 ID : **6306802495829**
Option 3 ID : **6306802495830**
Option 4 ID : **6306802495831**
Status : **Answered**
Chosen Option : **1**

Q.43 If T = Torque, J = Polar moment of inertia, C = Modulus of rigidity, θ = Angle of twist, L = Length of the shaft; which of the following is the correct torsional equation?

Ans

✔ 1. $\frac{T}{J} = \frac{C\theta}{L}$

✘ 2. $\frac{T}{L} = \frac{CJ}{\theta}$

✘ 3. $\frac{T}{L} = \frac{C\theta}{J}$

✘ 4. $\frac{T}{J} = \frac{L\theta}{C}$

Question ID : **630680637477**
Option 1 ID : **6306802495624**
Option 2 ID : **6306802495627**
Option 3 ID : **6306802495625**
Option 4 ID : **6306802495626**
Status : **Answered**
Chosen Option : **1**

Q.44 In the diesel cycle, the ratio of 'volume at cut-off' to the 'clearance volume' is termed as _____.

Ans

✘ 1. compression ratio

✘ 2. load factor

✘ 3. coefficient of performance

✔ 4. cut-off ratio

Question ID : **630680637494**
Option 1 ID : **6306802495692**
Option 2 ID : **6306802495694**
Option 3 ID : **6306802495695**
Option 4 ID : **6306802495693**
Status : **Answered**
Chosen Option : **4**

Q.45 If Q = Heat transfer from cold reservoir, and W = The net work transfer to the refrigerator; what is the co-efficient of performance $(C.O.P)_{ref}$?

Ans
✗ 1. $Q \times W$
✗ 2. $Q + W$
✓ 3. $\frac{Q}{W}$
✗ 4. $Q - W$

Question ID : **630680637487**
Option 1 ID : **6306802495664**
Option 2 ID : **6306802495667**
Option 3 ID : **6306802495665**
Option 4 ID : **6306802495666**
Status : **Answered**
Chosen Option : **2**

Q.46 In the manufacturing technology, 'Down Milling' process is also called _____ process.

Ans
✗ 1. conventional milling
✗ 2. up milling
✓ 3. climb milling
✗ 4. reaming

Question ID : **630680637526**
Option 1 ID : **6306802495823**
Option 2 ID : **6306802495821**
Option 3 ID : **6306802495822**
Option 4 ID : **6306802495820**
Status : **Answered**
Chosen Option : **1**

Q.47 In CGS units, Kinematic Viscosity is also expressed as which of the following unit?

Ans
✗ 1. Candela
✓ 2. Stoke
✗ 3. Newton
✗ 4. Weber

Question ID : **630680637538**
Option 1 ID : **6306802495871**
Option 2 ID : **6306802495870**
Option 3 ID : **6306802495868**
Option 4 ID : **6306802495869**
Status : **Answered**
Chosen Option : **2**

Q.48 In steam nozzle, a part of the enthalpy of steam is converted into _____ as the steam expands from a higher pressure to a lower pressure.

Ans
✗ 1. solar energy
✗ 2. nuclear energy
✓ 3. kinetic energy
✗ 4. chemical energy

Question ID : **630680637510**
Option 1 ID : **6306802495756**
Option 2 ID : **6306802495758**
Option 3 ID : **6306802495759**
Option 4 ID : **6306802495757**
Status : **Answered**
Chosen Option : **3**

Q.49 If 'm' = Mass of a body, 'a' = Constant acceleration, 'F' = Force required to change velocities, then the below given relationship is expressed by which of the following laws?

$F \propto ma$

Ans
✗ 1. Newton gravitational law
✓ 2. Newton second law of motion
✗ 3. Newton third law of motion
✗ 4. Newton first law of motion

Question ID : **630680637473**
Option 1 ID : **6306802495611**
Option 2 ID : **6306802495609**
Option 3 ID : **6306802495610**
Option 4 ID : **6306802495608**
Status : **Answered**
Chosen Option : **2**

Q.50 In which of the grinding process, the cylindrical surfaces are ground in which the workpiece is not supported between the centres or chucks, but by a blade?

Ans
✗ 1. Cylindrical grinding
✗ 2. Creep feed grinding
✗ 3. Surface grinding
✓ 4. Centreless grinding

Question ID : **630680637531**
Option 1 ID : **6306802495841**
Option 2 ID : **6306802495842**
Option 3 ID : **6306802495840**
Option 4 ID : **6306802495843**
Status : **Answered**
Chosen Option : **4**

Q.51 Vapor compression refrigeration system has which of the following components?

I. Compressor
II. Condenser
III. Evaporator

Ans
✗ 1. Only II and III
✓ 2. I, II and III
✗ 3. Only I and III
✗ 4. Only I and II

Question ID : **630680637509**
Option 1 ID : **6306802495753**
Option 2 ID : **6306802495755**
Option 3 ID : **6306802495754**
Option 4 ID : **6306802495752**
Status : **Answered**
Chosen Option : **2**

Q.52 The function of which of the following component (in machine) is to regulate the mean speed of an engine, when there are variations in the load?

Ans
✗ 1. Ball bearing
✓ 2. Governor
✗ 3. Compressor
✗ 4. Gyroscope

Question ID : **630680637470**
Option 1 ID : **6306802495596**
Option 2 ID : **6306802495597**
Option 3 ID : **6306802495599**
Option 4 ID : **6306802495598**
Status : **Answered**
Chosen Option : **2**

Q.53 Which of the following is a rotating machine element that gives reciprocating or oscillating motion to another element known as follower?

Ans
✗ 1. Cog
✗ 2. Compressor
✓ 3. Cam
✗ 4. Clutch

Question ID : **630680637471**
Option 1 ID : **6306802495601**
Option 2 ID : **6306802495603**
Option 3 ID : **6306802495600**
Option 4 ID : **6306802495602**
Status : **Answered**
Chosen Option : **3**

Q.54 In S.I engine, the phenomenon of 'detonation' is also called _____.

Ans
✗ 1. exhaustion
✓ 2. knocking
✗ 3. suction
✗ 4. expansion

Question ID : **630680637501**
Option 1 ID : **6306802495723**
Option 2 ID : **6306802495722**
Option 3 ID : **6306802495721**
Option 4 ID : **6306802495720**
Status : **Answered**
Chosen Option : **2**

Q.55 If D = Larger diameter, d = Smaller diameter, L = Length of the job (cone); what will be the correct expression for taper half angle (α) of the job?

Ans
✓ 1. $tan\,\alpha = \frac{D-d}{2L}$
✗ 2. $sin\,\alpha = \frac{D+d}{2L}$
✗ 3. $tan\,\alpha = \frac{D+d}{2L}$
✗ 4. $sin\,\alpha = \frac{D-d}{2L}$

Question ID : **630680637534**
Option 1 ID : **6306802495855**
Option 2 ID : **6306802495853**
Option 3 ID : **6306802495854**
Option 4 ID : **6306802495852**
Status : **Answered**
Chosen Option : **1**

Q.56 If 'V' is the resultant velocity at any point in a fluid flow and u, v, w are its component in x, y, z directions. Which of the following expression is correct for the resultant velocity (V)?

Ans
✗ 1. $V = \sqrt{u^2 + v^2 - w^2}$
✗ 2. $V = \sqrt{u^2 - v^2 - w^2}$
✓ 3. $V = \sqrt{u^2 + v^2 + w^2}$
✗ 4. $V = \sqrt{u^2 - v^2 + w^2}$

Question ID : **630680637517**
Option 1 ID : **6306802495784**
Option 2 ID : **6306802495786**
Option 3 ID : **6306802495785**
Option 4 ID : **6306802495787**
Status : **Answered**
Chosen Option : **3**

Q.57 In the P-V diagram of Carnot engine cycle, which of the following process is NOT involved?

Ans
✗ 1. Isothermal compression
✗ 2. Adiabatic expansion
✗ 3. Isothermal expansion
✓ 4. Isobaric compression

Question ID : **630680637490**
Option 1 ID : **6306802495677**
Option 2 ID : **6306802495678**
Option 3 ID : **6306802495676**
Option 4 ID : **6306802495679**
Status : **Answered**
Chosen Option : **4**

Q.58 'Tailstock' is provided at which of the following place in a lathe machine?

Ans
✗ 1. At the left-hand end above the bed
✗ 2. At the left-hand end below the bed
✓ 3. At the right-hand end above the bed
✗ 4. At the middle of the bed

Question ID : **630680637524**
Option 1 ID : **6306802495812**
Option 2 ID : **6306802495815**
Option 3 ID : **6306802495813**
Option 4 ID : **6306802495814**
Status : **Answered**
Chosen Option : **3**

Q.59 Which of the following operation means production of a conical surface by gradual reduction in diameter as we proceed along the length of the cylinder?

Ans
✗ 1. Drilling
✗ 2. Boring
✓ 3. Taper Turning
✗ 4. Knurling

Question ID : **630680637525**
Option 1 ID : **6306802495816**
Option 2 ID : **6306802495817**
Option 3 ID : **6306802495819**
Option 4 ID : **6306802495818**
Status : **Answered**
Chosen Option : **3**

Q.60 If τ = Shear stress, ϕ = Shear strain; what is the expression for the 'Modulus of Rigidity (C)' ?

Ans

✗ 1. $C = 2 \times \frac{\tau}{\phi}$

✓ 2. $C = \frac{\tau}{\phi}$

✗ 3. $C = \frac{\tau \times \phi}{2}$

✗ 4. $C = \tau \times \phi$

Question ID : **630680637476**
Option 1 ID : **6306802495620**
Option 2 ID : **6306802495623**
Option 3 ID : **6306802495621**
Option 4 ID : **6306802495622**
Status : **Answered**
Chosen Option : **2**

Q.61 'Steady flow energy equation' is applicable in which of the following devices?

I. Water Turbine
II. Centrifugal Water Pump
III. Centrifugal Compressor

Ans

✗ 1. Only I and III

✗ 2. Only II and III

✗ 3. Only I and II

✓ 4. I, II and III

Question ID : **630680637489**
Option 1 ID : **6306802495674**
Option 2 ID : **6306802495673**
Option 3 ID : **6306802495672**
Option 4 ID : **6306802495675**
Status : **Answered**
Chosen Option : **2**

Q.62 Which of the following operation means enlarging an existing hole?

Ans

✓ 1. Boring

✗ 2. Brazing

✗ 3. Soldering

✗ 4. Grinding

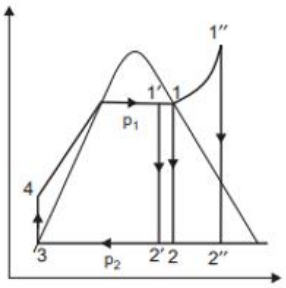
Question ID : **630680637533**
Option 1 ID : **6306802495848**
Option 2 ID : **6306802495851**
Option 3 ID : **6306802495850**
Option 4 ID : **6306802495849**
Status : **Answered**
Chosen Option : **1**

Q.63 Which of the following law states that when a material is loaded within elastic limit, the stress is proportional to the strain produced by the stress?

Ans
✗ 1. Lenz's law
✓ 2. Hooke's law
✗ 3. Kepler's first law
✗ 4. Fick's law

Question ID : **630680637475**
Option 1 ID : **6306802495616**
Option 2 ID : **6306802495618**
Option 3 ID : **6306802495619**
Option 4 ID : **6306802495617**
Status : **Answered**
Chosen Option : **2**

Q.64



Which of the following diagram of 'Rankine cycle' is shown in the above figure?

Ans
✗ 1. p-v diagram
✗ 2. p-h diagram
✓ 3. T-s diagram
✗ 4. h-s diagram

Question ID : **630680637497**
Option 1 ID : **6306802495704**
Option 2 ID : **6306802495707**
Option 3 ID : **6306802495705**
Option 4 ID : **6306802495706**
Status : **Answered**
Chosen Option : **1**

Q.65 Peripheral milling is adopted for which of the following machining operations?

I. Slab milling to produce flat surfaces.
II. Form milling to produce prismatic shape of any form, e.g., involute form in gear cutting.

Ans
✗ 1. Neither I nor II
✗ 2. Only I
✗ 3. Only II
✓ 4. Both I and II

Question ID : **630680637527**
Option 1 ID : **6306802495827**
Option 2 ID : **6306802495824**
Option 3 ID : **6306802495825**
Option 4 ID : **6306802495826**
Status : **Answered**
Chosen Option : **4**

Q.66 Which of the following statement is correct regarding the fire tube and water tube boilers?

I. Raising of steam is more rapid in water tube boiler than fire tube boiler.
II. Floor area required per kg of steam is more in water tube boiler than fire tube boiler.

Ans
✗ 1. Neither I nor II
✗ 2. Only I
✗ 3. Only II
✓ 4. Both I and II

Question ID : **630680637502**
Option 1 ID : **6306802495727**
Option 2 ID : **6306802495724**
Option 3 ID : **6306802495725**
Option 4 ID : **6306802495726**
Status : **Answered**
Chosen Option : **1**

Q.67 Which of the following property of a system is an 'extensive property'?

Ans
✗ 1. Temperature
✓ 2. Weight
✗ 3. Pressure
✗ 4. Density

Question ID : **630680637543**
Option 1 ID : **6306802495890**
Option 2 ID : **6306802495891**
Option 3 ID : **6306802495888**
Option 4 ID : **6306802495889**
Status : **Answered**
Chosen Option : **2**

Q.68 In the Bernoulli's equation $\frac{p}{\rho g}+\frac{v^2}{2g}+z$ = Constant, which of the following is the 'potential head'?

Ans
✔ 1. z
✘ 2. ρg
✘ 3. $\frac{v^2}{2g}$
✘ 4. $\frac{p}{\rho g}$

Question ID : **630680637519**
Option 1 ID : **6306802495794**
Option 2 ID : **6306802495795**
Option 3 ID : **6306802495793**
Option 4 ID : **6306802495792**
Status : **Answered**
Chosen Option : **1**

Q.69 What is the approximate percentage of carbon in dead mild steel?

Ans
✘ 1. Between 0.80% and 0.95%
✔ 2. Below 0.15%
✘ 3. Between 0.50% and 0.75%
✘ 4. Above 1 %

Question ID : **630680637536**
Option 1 ID : **6306802495862**
Option 2 ID : **6306802495860**
Option 3 ID : **6306802495861**
Option 4 ID : **6306802495863**
Status : **Answered**
Chosen Option : **2**

Q.70 If p = Internal pressure of fluid, d = Internal diameter of the cylinder, t = Thickness of the wall of the cylinder, σ = Hoop stress in the material; which of the following is the correct expression for the Hoop stress?

Ans

✔ 1. $\sigma = \frac{pd}{2t}$

✘ 2. $\sigma = \frac{td}{2p}$

✘ 3. $\sigma = \frac{pt}{2d}$

✘ 4. $\sigma = \frac{(pd)^2}{2t}$

Question ID : **630680637480**
Option 1 ID : **6306802495639**
Option 2 ID : **6306802495637**
Option 3 ID : **6306802495638**
Option 4 ID : **6306802495636**
Status : **Answered**
Chosen Option : **1**

Section : **Section B**

Q.1 दी गई श्रृंखला में ऐसे कितने प्रतीक हैं, जिनके ठीक पहले एक स्वर और ठीक बाद एक व्यंजन है?
P O % H V A * R T E $ S U T E W U # P & T @ P

Ans

✘ 1. 2

✘ 2. 3

✔ 3. 4

✘ 4. 5

Question ID : **630680634363**
Option 1 ID : **6306802483329**
Option 2 ID : **6306802483328**
Option 3 ID : **6306802483330**
Option 4 ID : **6306802483331**
Status : **Answered**
Chosen Option : **4**

Q.2 समग्र पर्यावरणीय प्रदर्शन के संदर्भ में "सेंटर फॉर साइंस एंड एनवायरनमेंट CSE और डाउन टू अर्थ" द्वारा जारी 'भारत की पर्यावरण स्थिति रिपोर्ट 2023' में निम्नलिखित में से कौन-सा राज्य सबसे निचले स्थान पर था?

Ans

✘ 1. बिहार

✘ 2. तमिलनाडु

✘ 3. गुजरात

✔ 4. राजस्थान

Question ID : **630680634341**
Option 1 ID : **6306802483241**
Option 2 ID : **6306802483243**
Option 3 ID : **6306802483242**
Option 4 ID : **6306802483240**
Status : **Answered**
Chosen Option : **1**

Q.3 The ratio of A's salary to B's was 6 : 5. A's salary is increased by 20% and B's by 10%, what is the ratio of their increased salaries?

Ans
✔ 1. 72 : 55
✘ 2. 77 : 25
✘ 3. 72 : 25
✘ 4. 77 : 55

Question ID : **630680634399**
Option 1 ID : **6306802483474**
Option 2 ID : **6306802483472**
Option 3 ID : **6306802483475**
Option 4 ID : **6306802483473**
Status : **Answered**
Chosen Option : **1**

Q.4 Fill in the blank with the most appropriate article:

The cat chased the mouse across _____ room.

Ans
✘ 1. a
✘ 2. no article
✔ 3. the
✘ 4. an

Question ID : **630680634297**
Option 1 ID : **6306802483064**
Option 2 ID : **6306802483067**
Option 3 ID : **6306802483066**
Option 4 ID : **6306802483065**
Status : **Answered**
Chosen Option : **1**

Q.5 If the age of 5 students in a team is 22 years, 23 years, 25 years, 26 years, and 29 years, then find the average age of students in the team.

Ans
✘ 1. 20 years
✔ 2. 25 years
✘ 3. 23 years
✘ 4. 29 years

Question ID : **630680634372**
Option 1 ID : **6306802483367**
Option 2 ID : **6306802483366**
Option 3 ID : **6306802483364**
Option 4 ID : **6306802483365**
Status : **Answered**
Chosen Option : **2**

Q.6 भारत में पर्वतीय वन निम्नलिखित में से किस क्षेत्र में पाए जाते हैं?

Ans ✗ 1. मध्य प्रदेश

✗ 2. हरियाणा

✗ 3. गंगा के डेल्टा

✓ 4. हिमालय की दक्षिणी ढलान

Question ID : **630680634354**
Option 1 ID : **6306802483292**
Option 2 ID : **6306802483294**
Option 3 ID : **6306802483295**
Option 4 ID : **6306802483293**
Status : **Answered**
Chosen Option : **1**

Q.7 The difference between simple and compound interest on a sum of ₹ 45,000 is ₹ 162 for 2 years. Find the rate of interest.

Ans ✗ 1. 0.03

✓ 2. 0.06

✗ 3. 0.04

✗ 4. 0.05

Question ID : **630680634383**
Option 1 ID : **6306802483409**
Option 2 ID : **6306802483411**
Option 3 ID : **6306802483408**
Option 4 ID : **6306802483410**
Status : **Answered**
Chosen Option : **3**

Q.8 निम्नलिखित में से कौन-सा भारतीय राष्ट्रीय आंदोलन वर्ष 1905 में हुआ था?

Ans ✗ 1. असहयोग आंदोलन

✗ 2. होम रूल आंदोलन

✓ 3. स्वदेशी आंदोलन

✗ 4. खेड़ा सत्याग्रह

Question ID : **630680634332**
Option 1 ID : **6306802483207**
Option 2 ID : **6306802483204**
Option 3 ID : **6306802483205**
Option 4 ID : **6306802483206**
Status : **Answered**
Chosen Option : **3**

Q.9 निम्नलिखित प्रश्न में, चार विकल्पों में से, उस विकल्प का चयन करें जो दिए गए शब्द के विलोम शब्द का विकल्प है।
आतुर

Ans
✗ 1. गुलामी
✗ 2. कल
✗ 3. बाह्य
✓ 4. शांत

Question ID : **630680634326**
Option 1 ID : **6306802483182**
Option 2 ID : **6306802483183**
Option 3 ID : **6306802483181**
Option 4 ID : **6306802483180**
Status : **Answered**
Chosen Option : **4**

Q.10 A person sold his camera for ₹ 33,810 at a 15% profit. What price should he have sold it for to incur a loss of 20%?

Ans
✓ 1. ₹ 23,520
✗ 2. ₹ 21,420
✗ 3. ₹ 23,420
✗ 4. ₹ 22,520

Question ID : **630680634378**
Option 1 ID : **6306802483390**
Option 2 ID : **6306802483391**
Option 3 ID : **6306802483388**
Option 4 ID : **6306802483389**
Status : **Answered**
Chosen Option : **1**

Q.11 A pump can fill a tank in 6 hours. Due to a leak in the tank, It takes 10 hours to fill the tank. In how many hours leak can empty the full tank?

Ans
✗ 1. 10 hours
✗ 2. 13 hours
✓ 3. 15 hours
✗ 4. 12 hours

Question ID : **630680634390**
Option 1 ID : **6306802483439**
Option 2 ID : **6306802483438**
Option 3 ID : **6306802483436**
Option 4 ID : **6306802483437**
Status : **Answered**
Chosen Option : **3**

Q.12 निम्नलिखित कथनों पर विचार कीजिए:
A) द्विसदनीय विधायिका, सदन के निर्णयों पर पुनर्विचार करना संभव बनाती है।
B) राज्य सभा के सदस्य छह वर्ष की अवधि के लिए चुने जाते हैं।
C) राज्यसभा को संसद का स्थायी सदन कहा जाता है।

Ans
✗ 1. केवल B और C सत्य हैं
✗ 2. केवल A और B सत्य हैं
✓ 3. A, B, C सत्य हैं
✗ 4. केवल A और C सत्य हैं

Question ID : **630680634345**
Option 1 ID : **6306802483257**
Option 2 ID : **6306802483256**
Option 3 ID : **6306802483259**
Option 4 ID : **6306802483258**
Status : **Answered**
Chosen Option : **3**

Q.13 Five friends V, W, X, Y, and Z are sitting in a row facing south. W sits to the immediate right of V, who sits to the immediate right of X. Z sits second to the right of W. Who is sitting in the middle of the row?

Ans
✗ 1. X
✓ 2. W
✗ 3. V
✗ 4. Y

Question ID : **630680634362**
Option 1 ID : **6306802483325**
Option 2 ID : **6306802483326**
Option 3 ID : **6306802483324**
Option 4 ID : **6306802483327**
Status : **Answered**
Chosen Option : **2**

Q.14 _____ was officially recognized as a classical language in India in 2008.

Ans
✗ 1. Tamil
✓ 2. Telugu
✗ 3. Malayalam
✗ 4. Sanskrit

Question ID : **630680634333**
Option 1 ID : **6306802483208**
Option 2 ID : **6306802483211**
Option 3 ID : **6306802483209**
Option 4 ID : **6306802483210**
Status : **Answered**
Chosen Option : **3**

Q.15 महिलाओं की स्पीड स्केटिंग 3000 m रिले स्पर्धा में कांस्य पदक जीतने के बाद, _____ एशियाई खेल में पदक जीतने वाली सबसे कम उम्र की भारतीय बन गईं।

Ans
✔ 1. संजना बथुला
✘ 2. ज्योति सुरेखा वेन्नम
✘ 3. डेविड बेकहम एल्काटोहचूंगो
✘ 4. जग्गी शिवदासानी

Question ID : **630680634347**
Option 1 ID : **6306802483265**
Option 2 ID : **6306802483267**
Option 3 ID : **6306802483266**
Option 4 ID : **6306802483264**
Status : **Answered**
Chosen Option : **4**

Q.16 Find the least number that should be added to 34586, so that the sum is exactly divisible by 9.

Ans
✔ 1. 1
✘ 2. 2
✘ 3. 3
✘ 4. 4

Question ID : **630680634385**
Option 1 ID : **6306802483419**
Option 2 ID : **6306802483418**
Option 3 ID : **6306802483417**
Option 4 ID : **6306802483416**
Status : **Answered**
Chosen Option : **1**

Q.17 निम्नलिखित प्रश्न में, चार विकल्पों में से, उस विकल्प का चयन करें जो दिए गए रिक्त स्थान के लिए सही कारक वाला विकल्प है।
अच्छे स्वास्थ्य _____ रोज़ सुबह उठकर योग करना चाहिए|

Ans
✔ 1. के लिए
✘ 2. को
✘ 3. में
✘ 4. से

Question ID : **630680634317**
Option 1 ID : **6306802483147**
Option 2 ID : **6306802483144**
Option 3 ID : **6306802483145**
Option 4 ID : **6306802483146**
Status : **Answered**
Chosen Option : **1**

Q.18 Anu, Babita, and Mina are sisters. Kundan is the brother of Ishika and Ishika is the daughter of Babita. How is Kundan related to Anu?

Ans
1. Son
2. Brother
3. Sister's son
4. Sister's husband

Question ID : **630680634365**
Option 1 ID : **6306802483336**
Option 2 ID : **6306802483337**
Option 3 ID : **6306802483339**
Option 4 ID : **6306802483338**
Status : **Answered**
Chosen Option : **3**

Q.19 Four letter cluster pairs have been given, out of which three are alike in some manner and one is different. Select the odd letter cluster pair.

Ans
1. AP : YN
2. QR : OP
3. NB : LA
4. MH : KF

Question ID : **630680634371**
Option 1 ID : **6306802483363**
Option 2 ID : **6306802483361**
Option 3 ID : **6306802483362**
Option 4 ID : **6306802483360**
Status : **Answered**
Chosen Option : **3**

Q.20 Fill in the blank with the most appropriate adjective:

She admired ____ artwork and acknowledged his talent in public.

Ans
1. his
2. my
3. our
4. yours

Question ID : **630680634304**
Option 1 ID : **6306802483093**
Option 2 ID : **6306802483095**
Option 3 ID : **6306802483094**
Option 4 ID : **6306802483092**
Status : **Answered**
Chosen Option : **1**

Q.21 The table given shows the number of bikes manufactured and the number of bikes sold by 5 different companies. Find the total number of unsold bikes of companies A and B.

Company	Total number of bikes manufactured	Number of bikes sold
A	12000	8500
B	13400	9000
C	19200	15500
D	19900	16500
E	16700	11000

Ans
✗ 1. 7800
✗ 2. 7500
✗ 3. 7600
✓ 4. 7900

Question ID : **630680634394**
Option 1 ID : **6306802483454**
Option 2 ID : **6306802483453**
Option 3 ID : **6306802483452**
Option 4 ID : **6306802483455**
Status : **Answered**
Chosen Option : **4**

Q.22 Choose the synonym for the word "agitated" in the sentence given below:

I was agitated when my wife didn't pick up the phone, but it turned out she just fell asleep watching a movie.

Ans
✗ 1. confused
✗ 2. anxious
✓ 3. flustered
✗ 4. worried

Question ID : **630680634306**
Option 1 ID : **6306802483102**
Option 2 ID : **6306802483103**
Option 3 ID : **6306802483101**
Option 4 ID : **6306802483100**
Status : **Answered**
Chosen Option : **3**

Q.23 The Product of two whole numbers is 4235 and their HCF is 11. Find the LCM.

Ans
✗ 1. 355
✗ 2. 375
✓ 3. 385
✗ 4. 365

Question ID : **630680634386**
Option 1 ID : **6306802483421**
Option 2 ID : **6306802483423**
Option 3 ID : **6306802483420**
Option 4 ID : **6306802483422**
Status : **Answered**
Chosen Option : **3**

Q.24 _____ First Indian Fencer to Win Medal in Asian Championships

Ans
✔ 1. Bhavani Devi
✘ 2. Jyotika Dutta
✘ 3. Taniksha Khatri
✘ 4. Ruchi Trikha

Question ID : **630680634348**
Option 1 ID : **6306802483271**
Option 2 ID : **6306802483268**
Option 3 ID : **6306802483270**
Option 4 ID : **6306802483269**
Status : **Answered**
Chosen Option : **2**

Q.25 Ranveer's salary is 30% lower than Vikram's salary, which is 10% lower than Mina's salary. By how much percent is Ranveer's salary less than Mina's salary?

Ans
✘ 1. 0.33
✘ 2. 0.41
✔ 3. 0.37
✘ 4. 0.43

Question ID : **630680634377**
Option 1 ID : **6306802483384**
Option 2 ID : **6306802483385**
Option 3 ID : **6306802483387**
Option 4 ID : **6306802483386**
Status : **Answered**
Chosen Option : **4**

Q.26 Arrange the following words in alphabetical order:
1. ROUND
2. READY
3. RIGHT
4. RIGID
5. ROUGH

Ans
✘ 1. 23415
✘ 2. 24351
✔ 3. 23451
✘ 4. 23541

Question ID : **630680634359**
Option 1 ID : **6306802483313**
Option 2 ID : **6306802483312**
Option 3 ID : **6306802483314**
Option 4 ID : **6306802483315**
Status : **Answered**
Chosen Option : **3**

Q.27 Ayushman Bharat - National Health Protection Mission has coverage of _____.

Ans
✗ 1. 3 lakh for each family
✓ 2. 5 lakh for each family
✗ 3. 1 lakh for each family
✗ 4. 4 lakh for each family

Question ID : **630680634340**
Option 1 ID : **6306802483237**
Option 2 ID : **6306802483239**
Option 3 ID : **6306802483236**
Option 4 ID : **6306802483238**
Status : **Answered**
Chosen Option : **1**

Q.28 जब एक फूल को केंद्र से गुजरने वाले किसी रेडियल तल में दो बराबर रेडियल भागों में विभाजित किया जा सकता है, तो इसे _____ कहा जाता है।

Ans
✓ 1. एक्टिनोमॉर्फिक (actinomorphic)
✗ 2. जाइगोमॉर्फिक (zygomorphic)
✗ 3. एंडोमॉर्फिक (endomorphic)
✗ 4. ट्राईमेरस (trimerous)

Question ID : **630680634346**
Option 1 ID : **6306802483261**
Option 2 ID : **6306802483260**
Option 3 ID : **6306802483262**
Option 4 ID : **6306802483263**
Status : **Answered**
Chosen Option : **3**

Q.29 India made a deal of how many Rafale Marine jets for Navy from France in the Year 2023?

Ans
✓ 1. 26
✗ 2. 15
✗ 3. 24
✗ 4. 31

Question ID : **630680634329**
Option 1 ID : **6306802483194**
Option 2 ID : **6306802483192**
Option 3 ID : **6306802483193**
Option 4 ID : **6306802483195**
Status : **Answered**
Chosen Option : **3**

Q.30 A train covers a certain distance at a speed of 140 km/hr in 7 hours. Find the speed it will need to cover the same distance in 14 hours.

Ans
- ✔ 1. 70 km/hr
- ✘ 2. 65 km/hr
- ✘ 3. 75 km/hr
- ✘ 4. 60 km/hr

Question ID : **630680634381**
Option 1 ID : **6306802483402**
Option 2 ID : **6306802483403**
Option 3 ID : **6306802483401**
Option 4 ID : **6306802483400**
Status : **Answered**
Chosen Option : **1**