

DELHI METRO RAIL CORPORATION LTD. (Metro Bhawan, Fire Brigade Lane, Barakhamba Road, Delhi-110001)

17/04/2018
4:30 PM - 6:45 PM
Jr. Engineer Mechanical RNE03

Sec	tion : Domain
Q.1	Heat is added in the Otto cycle during the:
Ans	★ 1. Isentropic process
	✓ 2.
	Reversible constant volume process
	X 3.
	Reversible constant temperature process 4.
	Reversible constant pressure process
	Alloy steel containing 23 to 30 % chromium with carbon less than 0.35% is known as **Alloy steel containing 23 to 30 % chromium with carbon less than 0.35% is known as **Alloy steel containing 23 to 30 % chromium with carbon less than 0.35% is known as **Alloy steel containing 23 to 30 % chromium with carbon less than 0.35% is known as **Alloy steel containing 23 to 30 % chromium with carbon less than 0.35% is known as **Alloy steel containing 23 to 30 % chromium with carbon less than 0.35% is known as
Q.3 Ans	मिश्रधातु परमाणु आधार धातु परमाणु के साथ एक यौगिक का निर्माण कर सकते हैं जिससे निर्मित होता है:
Q.4 Ans	The function of a casing in a centrifugal pump is to **\bigcircle* 1. increase the velocity **\bigcircle* 2. decrease the pressure **\bigcircle* 3. decrease the velocity

Q.5 The polar modulus of a shaft is given by:

Polar moment of inertia of the shaft / (maximum radius)³



Polar moment of inertia of the shaft / (maximum radius)²



(maximum radius)² / Polar moment of inertia of the shaft



Polar moment of inertia of the shaft / (maximum radius)

Q.6 The load carrying capacity of a bearing can be increased by



√ 1 increasing the speed

X 2.

increasing the Sommerfeld number



increasing the minimum film thickness

× 4. decreasing the velocity

Q.7 इलेक्ट्रॉनिक उद्योग में, छोटे इलेक्ट्रॉनिक कॉम्पोनेंट पर और इंटिग्रेटेड सर्किटरी में लीइस को कनेक्ट करने के लिए

Ans

Q.8 Coefficient of performance (COP) of Carnot heat pump is given by:

 $[\text{When } H \rightarrow \text{High temperature energy reservoir}; L \rightarrow \text{Low temperature energy reservoir}; T \rightarrow \text{Absolute temperature}]$

Ans

$$\times \frac{1}{T_H - T_L}$$

$$\times$$
 2. $1 - \frac{T_L}{T_H}$

$$\checkmark^{3.} \frac{T_H}{T_H - T_L}$$

Q.9 Which type of pattern is used to produce a small casting in large quantities in moulding machines?

|--|

Match plate pattern

Q.10 Continuity equation is given as _____.

Ans
$$\times$$
 1. $Q = PV$

$$\times$$
 2. Q= V/T

$$\times$$
 3. $Q = A/V$

$$\checkmark$$
 4. $Q = AV$

Q.11 Which process is also known as 'lost wax process'?

- Ans X 1. Shell moulding process
 - X 2. Centrifugal casting
 - √ 3. Investment casting
 - X⁴. Continuous casting

Q.12 Compared to a vapour compression refrigeration system, a vapour absorption system requires _____ effort to compress the fluid refrigerant.

- X² either more or less
- X 3. more
- X 4. unpredictable

Q.13 For the same temperature of source and sink, the thermal efficiency of Carnot cycle:

is less than that of Stirling cycle.



is greater than that of Stirling cycle.



may be greater or less than that of Stirling cycle depending upon the working substance.



is equal to thermal efficiency of Stirling cycle.

Q.14 Thermal efficiency of ideal Otto cycle is given by:

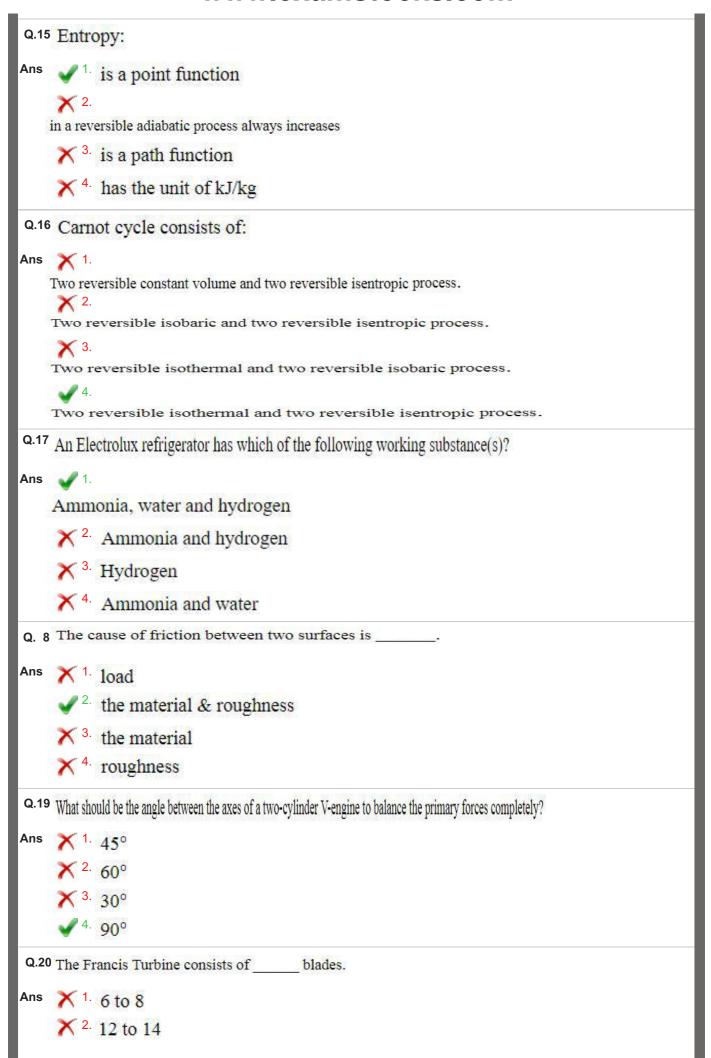
 $[r = \text{Compression ratio}; \gamma = \text{Adiabatic exponent}]$

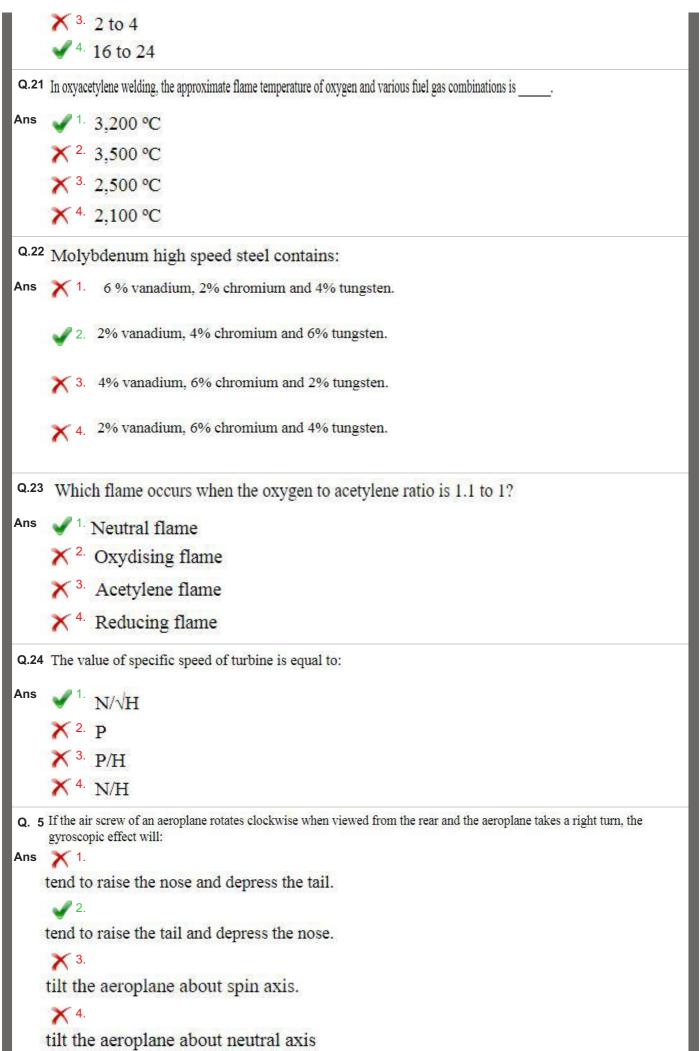
Ans

$$\times$$
 1 $\frac{1}{r^{\gamma-1}}$

$$\checkmark^2 1 - \frac{1}{r^{\gamma-1}}$$

$$\times$$
 ^{3.} $1-\frac{1}{r^{\gamma}}$



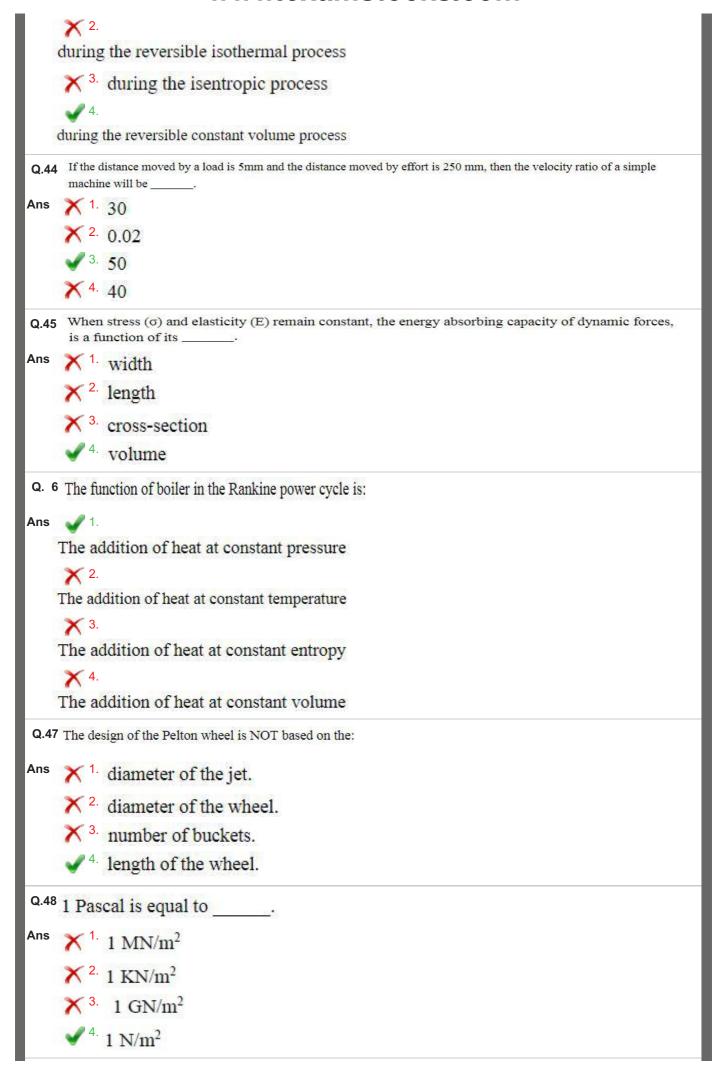


Q.2	Newton's Second Law of Motion gives a relation between force, mass and	
Ans	X ¹. velocity	
	× 2. displacement	
	✓ 3. acceleration	
	× 4. time	
Q.27	For complete dynamic balance, at least masses are necessary.	
Ans	× 1. three	
	× 2. one	
	✓ 3. two	
	× 4. four	
Q.28	The casting method which is only adopted for bushings, gun barrels and CI pipes is	
Ans	★ ¹. investment casting	
	× 2. slush casting	
	✓ 3. centrifugal casting	
	× 4. die casting	
Q.29	One of the TdS equation has the form:	
	\times 1. Tds = dh + pdv	
	\times 2. Tds = dh + vdp	
	\checkmark 3. Tds = dh – vdp	
	\times 4. Tds = du – pdv	
Q.30	The property of a liquid which offers resistance to the movement of fluid is called:	
	X ¹. elasticity	
	× 2. volume	
	✓ ^{3.} viscosity	
	× 4. density	
0.24	# TO COMMUNICARY ■	
	The velocity through a pitot tube is given by	
Ans	1. V= Cvh	
	\times 2. $V = \sqrt{2gp}$	
	\times 3. $V = 2gh$	
	\checkmark 4. V=Cv $\sqrt{2gh}$	

□ 0 32	A drum weighing 60 N and holding 40 kgf of water is raised from a well by means of a wheel and axle with an effort of
Q.32	120 N. Its mechanical advantage (MA) will be
Ans	★ 1. 0.83
	× 2. 4.5
	√ 3. 3.77
1	× 4. 3
Q.33	For a cantilever beam of length L carrying a uniform distribution load W over the whole length, what will be the value
Ano	of the maximum bending moment?
Ans	\times 1. $\frac{WL}{2}$
	2
M	\times 2. $\frac{WL^2}{}$
	4
	\times 3. WL ²
	2
	\checkmark $\frac{-WL^2}{2}$
	2
	If a simple screw jack has a thread of 10 mm, pitch and length of the handle is 400 mm, then its velocity ratio (V.R.)
	will be ★ 1. 0.62
7110	× 2. 125.6
	× 3. 80
	✓ 4. 25.13
	est esterity value
Q.35	The unit of specific heat is
Ans	✓ ^{1.} KJ/Kg°K
K	× 2. KJ/Kg
	× 3. KJ/°K
	× 4. KJ-Kg
	/ KJ-Kg
Q.36	The zeroth law of thermodynamics defines
Ans	✓ ¹. temperature
M	× 2. pressure
	× 3. internal energy
lu Jii	× 4. enthalpy
	↑ enthalpy
Q.37	The ratio of the polar moment of inertia of the shaft section to the maximum radius is called
Ans	× 1. moment of resistance
	× 2. modulus of rigidity of shaft

	www.examstocks.com
l,	✓ 3. polar modulus
	× 4. sectional modulus
Q.38	The relationship between the coefficient of performance of refrigerator ($[COP]_R$) and coefficient of performance of heat pump ($[COP]_{HP}$) is given as:
Ans	\times 1. [COP] _R = 2[COP] _{HP}
	\times 2. [COP] _{HP} = [COP] _R
	\checkmark 3. [COP] _R = [COP] _{HP} -1
	\times 4. [COP] _R = [COP] _{HP} +1
Q.39	A system is said to be in equilibrium when the resultant of all forces acting on it is
Ans	× 1. negative
	× ^{2.} infinity
	✓ 3. zero
	× 4. one
Q.40	The magnitude of the gyroscopic couple applied to a disc of moment of inertia I, spinning with angular velocity w and having an angular velocity of precision w_p is
Ans	
	\times ² . I^2ww_p
	\times 3. Iww _p ²
	\times ⁴ . Iw ² w _p
Q.41	Priming is required for a pump.
Ans	X 1. submersible
	× 2. gear
	× 3. reciprocating
	✓ 4. centrifugal
Q.42	In Otto cycle, if the pressure at the beginning of the compression is 1 bar and at the end of the compression is 10 bar, then the compression ratio will be given as:
Ans	$ \stackrel{\Gamma_{\gamma}=1.41}{\times}^{1.} (10)^{1.4} $
	× 2. 10
,	\times 3. $\frac{1}{10}$
	10
	\checkmark 4. $(10)^{1/1.4}$
Q. 3	Heat is rejected in the diesel cycle:

Ans 💢 1. during the reversible constant pressure process



Q.49	A venturimeter is used for the measurement of		
Ans	y 1. pressure		
	✓ ^{2.} discharge		
	× 3. volume		
	× 4. velocity		
Q.50	In case of impulse turbine, the pressure of steam as it passes on the moving blades from entry to the exit		
	× 1.		
	initially increases and then decrease		
	× 2. increases		
	✓ 3. remains constant		
	× 4. decreases		
Q.51	Good moulding sand contains percent of silica sand (SiO ₂).		
Ans	√ 1. 80.8		
	× 2. 1.5		
	× 3. 14.9		
	× 4. 2.5		
Q.52	Austenitic stainless steel contains		
Ans	X 1. 8% chromium and 18% nickel		
	× 2. 18% chromium and 18% nickel		
	√ 3. 18% chromium and 8% nickel		
	× 4. 8% chromium and 8% nickel		
Q.53	An impulse turbine is used for		
Ans	× 1. medium head		
	× 2. low head		
	× 3. zero head		
	✓ 4. high head		
Q.54	The axis of spin, the axis of precision and the axis of gyroscopic torque are in		
Ans	✓ 1. three perpendicular planes		
	× 2. three parallel planes		
	× 3. two perpendicular planes		
	× 4. two parallel planes		
Q.5	For a simply supported beam carrying a uniformly distributed load (W) over full length (I) of beam, what will be the value of the maximum bending moment?		



$$\checkmark$$
 2. $\frac{Wl}{4}$

$$\times$$
 3. $\frac{Wl^2}{8}$

$$\times$$
 4. $\frac{\text{Wl}^2}{4}$

Q.56 The specific weight (w) of a fluid is given by the equation _____.

Ans \times 1. $W = \rho / g$

$$\times$$
 2. $w = \rho^2 \times g$

$$\times$$
 3. $w = \rho \times g/2$

$$\checkmark$$
 4. $w = \rho \times g$

Q.57 The friction of a body is high when the coefficient of friction is ______.

Ans X 1. low

× 2. average

√ 3. high

X 4. zero

Q.58 According to _____ law, the intensity of pressure at any point in a fluid at rest is the same in all directions.

Ans X 1. Newton's

X 2. Boyle's

X 3. Bernaulli's

4. Pascal's

Q.59 In a stress-strain curve of brittle materials, the ultimate stress point and break point are ______

Ans 1. the same

X 2. not the same

X 3. maximum

X 4. minimum

Q.60 In a simple machine, if the mechanical advantage is 40 and the velocity ratio is 50, then its efficiency is _____.

Ans 🧹 1. 80%

X 2. 70%

X 3. 75%

the set			
X	4.	850)/

Q.61 Manometers are used for the measurement of

- Ans X 1. velocity
 - 2. pressure
 - X 3. volume
 - X 4. temperature

Q.62 A standard or double housing planer of size 750 mm × 350 mm × 2.5 mm means that a planer



width 750, height 350 and length 2.5.



height 750, length 350 and width 2.5.



length 750, width 350 and height 2.5.



height 750, width 350 and length 2.5

Q.63 Vickers hardness test is calculated by the formula

- Ans X 1. VHN=1.845P/D²
 - X 2. VHN= 1.845D/P2
 - X 3. VHN= 1.854D/P2
 - √ 4. VHN=1.854P/D²

Q.64 The maximum stress which a material can withstand before it fractures is called ______.

- Ans X 1. yield point stress
 - X 2. allowable stress
 - X 3. breaking stress
 - 4. ultimate stress

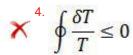
Q.65 Clausius' inequality is given by:

[Q = Heat transferred, T = Temperature of boundary]

$$\times$$
 1. $\oint \frac{\delta Q}{T} \ge 0$

$$\times$$
 $^{2} \oint \frac{\delta Q}{T} = 0$

$$\checkmark \int \frac{\delta Q}{T} \le 0$$



Q.66 A swab is used in casting for:

repairing and finishing the pattern.

moistening the sand around the edge before a moving pattern.



reinforcement of sand in the top part of a moulding box

Q.67 The Poisson's ratio of cast iron is _____.



X 2. 0.30

X 3. 0.29

X 4. 0.28

Q.68 The load at which the column member just buckles is called

X 2. point load

√ 3. crippling load

X 4. design load

Q.69 1 poise is equal to _____.

2 N.sec/m²

✓ 3. 1/10 N.sec/m²

× 4. 1/20 N.sec/m²

Q.70 The relation $F = m \times a$ is based on _____.

Ans X 1. Newton's third law of motion

× 2. D'Alembert's principle

X 3. Newton's first law of motion

Newton's second law of motion

Q.71 The ratio of transverse displacement to the distance from the lower face is called as . .



✓ 1. shear strain

- × 2. longitudinal strain
- X 3. lateral strain
- X 4. tensile strain

Q.72 The velocity ratio of a simple screw jack is given by _

Q.73 The ratio of the brake power output to the fuel energy input per unit time is called

- Ans X 1. relative efficiency
 - √ 2. thermal efficiency
 - × 3. volumetric efficiency
 - X 4. mechanical efficiency

Q.74 किसी ख्रदरे क्षैतिज तल पर आगे बढ़ने वाले वस्तु के लिए, यदि घर्षण कोण (Φ) 30° है, तो घर्षण गुणांक (μ)

- Ans X 1. 0.422
 - X 2. 0.211
 - X 3. 0.877
 - √ 4. 0.577

Q.75 रैंकाइन साइकल की दक्षता किस रूप में टयक्त की जाती है?

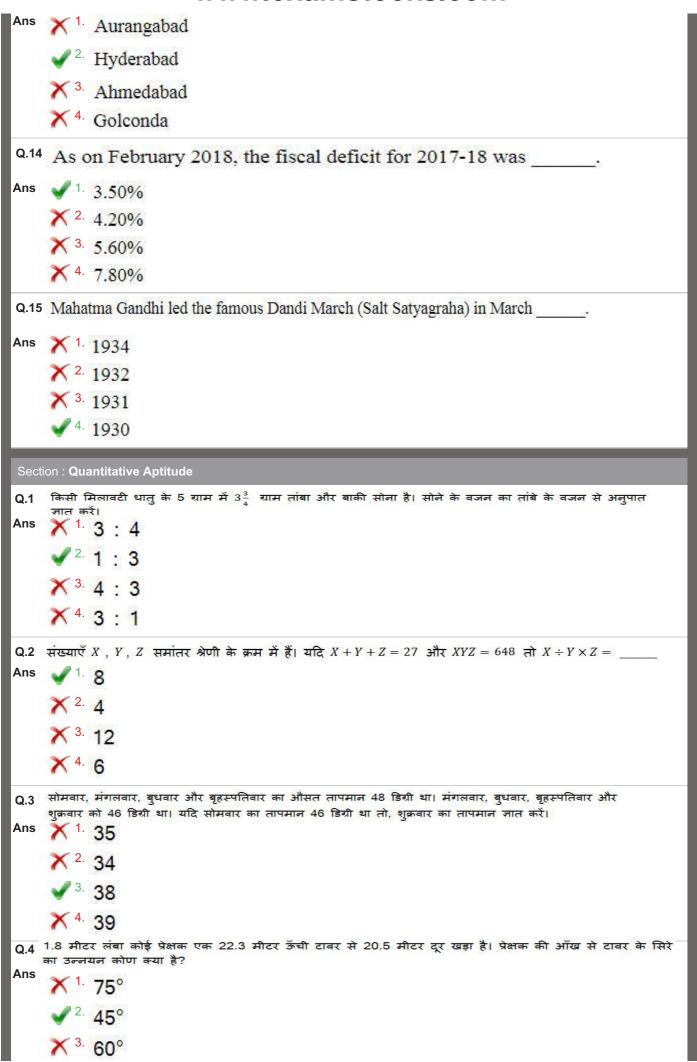
 $[w_{net}\ =\ \hbox{साइकल का मूल कार्य आउटपुट (kJ/kg)},\ q_{in}\ =\ \hbox{साइकल में दी गई ऊष्मा (kJ/kg)},\ q_{out}\ =\ \hbox{साइकल से$ निकली हुई ऊष्मा (kJ/kg)]

Ans

- q_{in}

Q.1 Ans	The Doklam Standoff is a border dispute between which of the following two countries?
Alls	★ 1. India and Bangladesh
	✓ ² India and China
	× 3. India and Nepal
	× 4. India and Pakistan
Q.2	कल्पना-साहित्य (फ़िक्शन) के लिए 2017 मैन बुकर पुरस्कार किसने जीता?
Ans	X ¹ . हान कांग
	× ^{2.} मर्लीन जेम्स
	^{4.} अरुंधित रॉय
Q.3 Ans	For framing the Indian Constitution, Dr B. R. Ambedkar was the chairman of which of the following committees? Drafting committee
	× 2. Rules of procedure committee
	× 3.
	Provincial constitution committee
	× 4. Union powers committee
Q.4	1976 में भारत में मानवों की तस्करी करने तथा बलपूर्वक श्रम करवाने का कार्य-ट्यवहार रोकने के लिए कौन सा अधिनियम पारित किया गया था?
Ans	X ¹ श्रम उन्मूलन अधिनियम
	X 2.
	नाबालिग श्रमिक उन्मूलन अधिनियम
	√ 3.
	बंधुआ श्रम प्रणाली उन्मूलन अधिनियम
	× 4.
	गैर क़ानूनी श्रम उन्मूलन अधिनियम
Q.5	निम्नलिखित में से कौन सी नदी भारतीय मरुस्थल में पाई जाने वाली एकमात्र नदी है?
Ans	× ^{1.} रबी
	^{2.} तापी
	<mark>√³. लूनी</mark>
	X ⁴. ट्यास (इयास)
Q.6	Which global credit rating agency has a significant stake in the Indian credit rating agency ICRA?
Ans	√ ¹ Moody's Investors Service
	× 2. Fitch Ratings
	× 3. Standard and Poor's

	Morningstar, Inc.		
Q.7	Budget 2010 set emotiments to the Fresident at \ takin.		
Ans	× 1. 10		
	× 2. 2.5		
	√ 3. 5		
	× 4. 7		
Q.8	Purana Quila in Delhi was built by		
Ans	★ 1. Firoze Shah Tughlaq		
	× 2. Bahlol Lodi and Ibrahim Lodi		
	√ 3. Humayun and Sher Shah		
1	× 4. Babur and Humayun		
Q.9	Kohima is the capital of which state of India?		
Ans	× 1. Manipur		
	✓ ^{2.} Nagaland		
	× 3. Mizoram		
	× 4. Meghalaya		
Q.10	Siliguri is located in		
Ans	× 1. Assam		
	✓ ^{2.} West Bengal		
	× 3. Bhutan		
	× 4. Nepal		
Q. 1	The paintings at the famous Ajanta Caves (and not Ellora) are devoted to		
Ans	× 1. Christianity		
	✓ ^{2.} Buddhism		
	× 3. Jainism		
	× 4. Hinduism		
Q.12	Which player has been selected by the Badminton Association of India (BAI) for its first Lifetime Achievement Award?		
	➤ 1. Pullela Gopichand		
	× 2. SM Arif		
	X 3. Chetan Anand		
	✓ 4. Prakash Padukone		
_	500 190 000 MODERN 199 VI ST PORE VIT AN AND THE PROPERTY OF		
Q.13	Muhammad Quli Qutub Shah founded the city of		



X 4. 30°

Q.5 यदि किसी सामान का क्रय मूल्य विक्रय मूल्य का 75% है, तो लाभ प्रतिशत जात करें।

Question ID: 9740091008

√ 33¹/₃ %

 \times 2. 33 $\frac{2}{3}$ %

X 3. 33%

X 4. 25%

Q.6 A की दक्षता B से दोषुनी है। यदि वे दोनों एक साथ मिलकर किसी काम को 20 घंटे में पूरा कर सकते हैं, तो कितने दिनों में A अवेशों उस करम को समाप्त कर सकता है?

Ans 🗸 1. 30

X 2. 40

X 3. 60

X 4. 50

Q.7 किसी समकोण विभुज ABC में कोण B समकोणित है, आधार AB = 2 सेंटीमीटर और लंब BC = 3 सेंटीमीटर,

Question ID: 9740091016

Question ID: 9740091012

Ans

 \times 3. $\frac{3}{\sqrt{13}}$

Question ID: 9740091004

Ans 🗡 ^{1.} 2 मीटर 40 सेंटीमीटर

√ ². 7 मीटर 20 सेंटीमीटर

X 3. 7 मीटर 80 सेंटीमीटर

× ^{4.} 2 संटीमीटर

Q.9 निम्निलिखित में से कौन सह-अभाज्य संख्याओं का जोडा है?

Question ID: 9740091005

Ans X 1. 2, 24

× 2. 3, 15

× 3. 25, 65

√ 4. 8. 27

Q.1 यदि $\frac{1}{2}$ समीकरण $x^2 + kx - \frac{5}{4} = 0$ का एक मूल है, तो k =

Question ID: 9740091018

Ans \times 1. -2

X 2. -4

Q.1 $xy + y^2$, $xy - y^2$ और $x^2y^2 - y^2$ का महत्तम समापवर्तक है:

Question ID: 9740091017

Ans
$$\times$$
 1. $y(x-y)$

$$\times$$
 2. $y(x+y)$

$$\times^{4}$$
 $y^{2}(x+y)(x-y)$

Question ID: 9740091010

Question ID: 9740091007

Q. 1 ओई व्यक्तित 18 किसोमीटरप्रतिशंदा की शांति से किसी सूल्तकार हैक पर टीइ रहा है। सदि वह एक पूरा पत्रकार 2.2 मिनट में पूरा कर सेता है, तो हैक की विज्ञ्या क्या है?

Question ID: 9740091011

Q.1 एक आदमी में किसी बस्तु को 30% घाटे पर वेच दिया। यदि वह उस बस्तु को रे 900 और लेकर वेचता तो वह 15% लाभ पाता। वस्तु का क्रय मूल्य जात करें।

Question ID: 9740091009

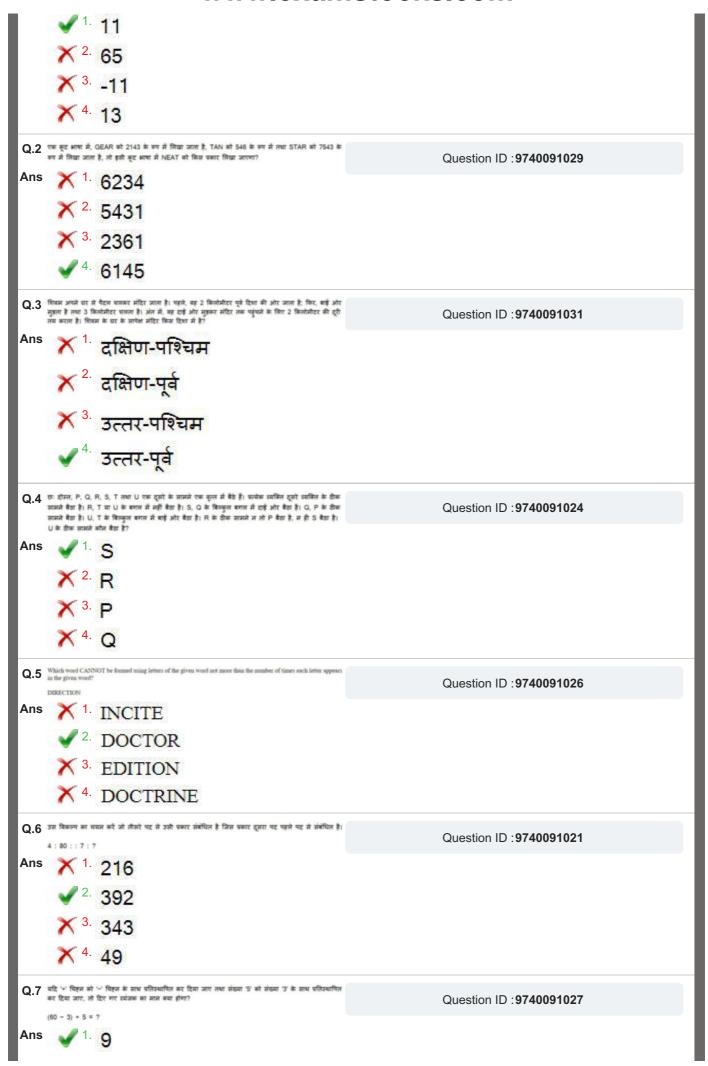
Ans

Section: General Intelligence and Reasoning

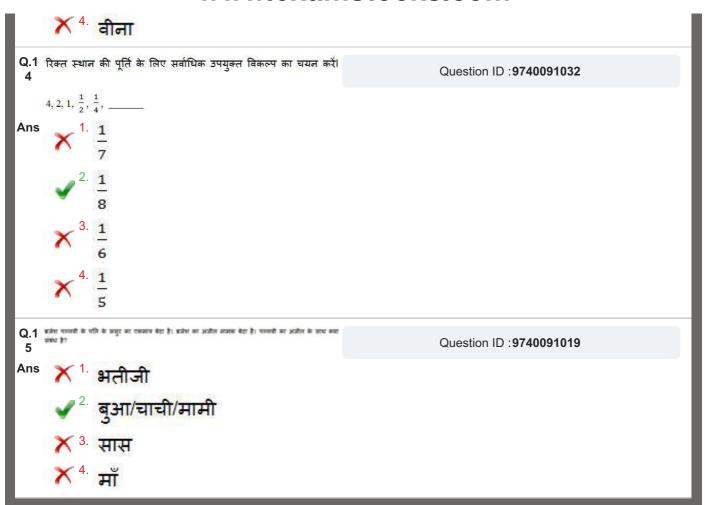
Q.1 कुछ समीकरणों को एक निश्चित पदिति के आधार पर इत किया जाता है। उसी के आधार पर अमसुलक्षे समीकरण के लिए चार विकल्पों में से संविधिक उपयुक्त विकल्प कर चयम करें।

16 + 25 = 9, 36 + 9 = 9, 49 + 16 = ?

Question ID: 9740091028







Section: General English

Comprehension:

Answer questions based on the passage below:

There are many ways of communicating without using speech. Signals, signs, symbols and gestures may be found in every known culture. The basic function of a signal is to impinge upon the environment in such a way that it attracts attention, as for example, the dots and dashes of a telegraph circuit. Coded to refer to speech, the potential for communication is very great. While less adaptable to the codification of words, signs contain greater meaning in and of themselves. A stop sign or a petrol bunk sign conveys meaning quickly and conveniently. Symbols are more difficult to understand than either signals or signs because of their <u>intricate</u> relationship with the receiver's cultural perceptions. In some cultures, applauding in a theatre provides performers with an auditory symbol of approval. Gestures such as waving and shaking hands also communicate certain cultural messages.

SubQuestion No: 1

Q.1

Question ID: 9740091039

	The word 'intricate' as found in the	
	passage means	
An s	X ¹. difficult	
	✓ ^{2.} complex	
	× 3. interior	
	× 4. complicated	
	Comprehension:	
	Answer questions based on the passage below:	
	There are many ways of communicating without using speech. Signals, signs, symbols and gestures may be found in every known culture. The basic function of a signal is to impinge upon the environment in such a way that it attracts attention, as for example, the dots and dashes of a telegraph circuit. Coded to refer to speech, the potential for communication is very great. While less adaptable to the codification of words, signs contain greater meaning in and of themselves. A stop sign or a petrol bunk sign conveys meaning quickly and conveniently. Symbols are more difficult to understand than either signals or signs because of their <u>intricate</u> relationship with the receiver's cultural perceptions. In some cultures, applauding in a theatre provides performers with an auditory symbol of approval. Gestures such as waving and shaking hands also communicate certain cultural messages.	
	When does the author consider the potential for Question ID: 9740091036	
	communication to be high?	
An s	X ¹ . When speech is not used	
	× 2.	
	When the communication becomes a symbol of approval.	
	√ 3.	
	When signals are coded to refer to speech.	
	When meanings are conveyed quickly.	
	Comprehension:	

Answer questions based on the passage below:

There are many ways of communicating without using speech. Signals, signs, symbols and gestures may be found in every known culture. The basic function of a signal is to impinge upon the environment in such a way that it attracts attention, as for example, the dots and dashes of a telegraph circuit. Coded to refer to speech, the potential for communication is very great. While less adaptable to the codification of words, signs contain greater meaning in and of themselves. A stop sign or a petrol bunk sign conveys meaning quickly and conveniently. Symbols are more difficult to understand than either signals or signs because of their *intricate* relationship with the receiver's cultural perceptions. In some cultures, applauding in a theatre provides performers with an auditory symbol of approval. Gestures such as waving and shaking hands also communicate certain cultural messages.

SubQuestion No: 3

Q.3 It can be inferred that the passage talks about different aspects of _____.

Question ID: 9740091035

An

X 1. written language

× 2. oral language

√ 3. non verbal language

× 4. verbal language

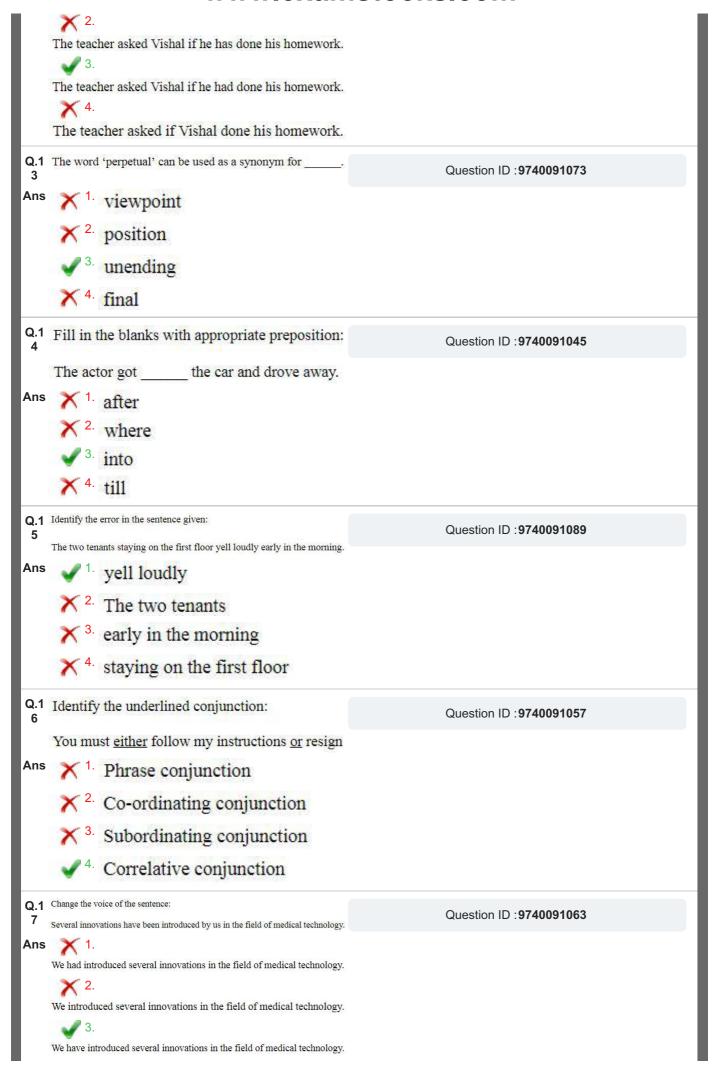
Comprehension:

Answer questions based on the passage below:

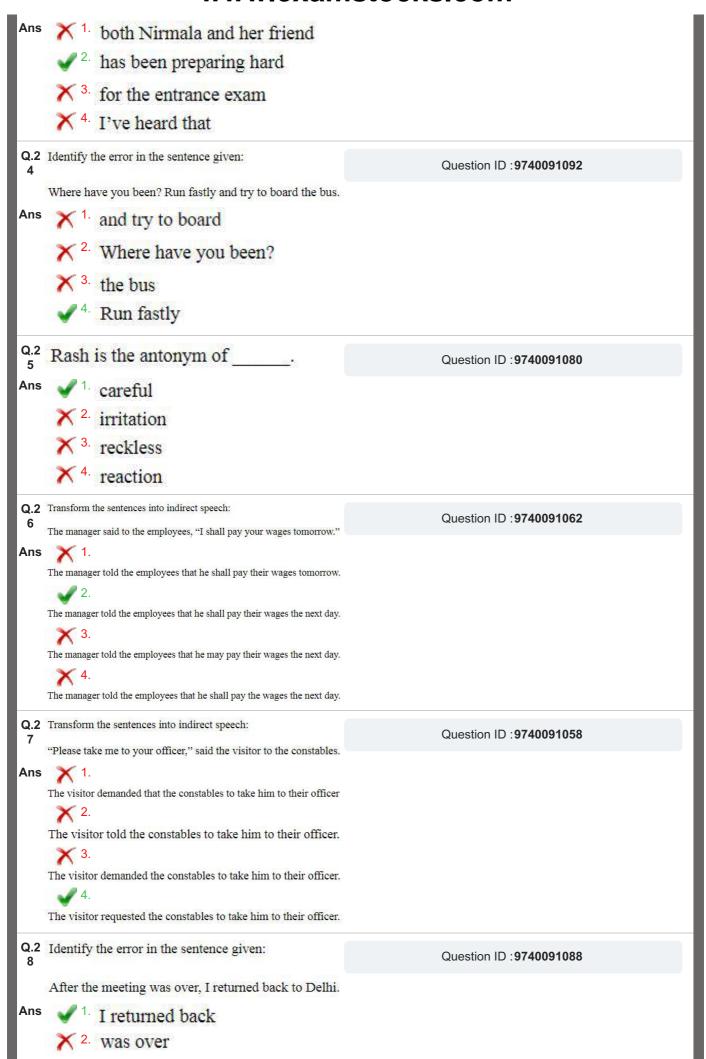
There are many ways of communicating without using speech. Signals, signs, symbols and gestures may be found in every known culture. The basic function of a signal is to impinge upon the environment in such a way that it attracts attention, as for example, the dots and dashes of a telegraph circuit. Coded to refer to speech, the potential for communication is very great. While less adaptable to the codification of words, signs contain greater meaning in and of themselves. A stop sign or a petrol bunk sign conveys meaning quickly and conveniently. Symbols are more difficult to understand than either signals or signs because of their <u>intricate</u> relationship with the receiver's cultural perceptions. In some cultures, applauding in a theatre provides performers with an auditory symbol of approval. Gestures such as waving and shaking hands also communicate certain cultural messages.

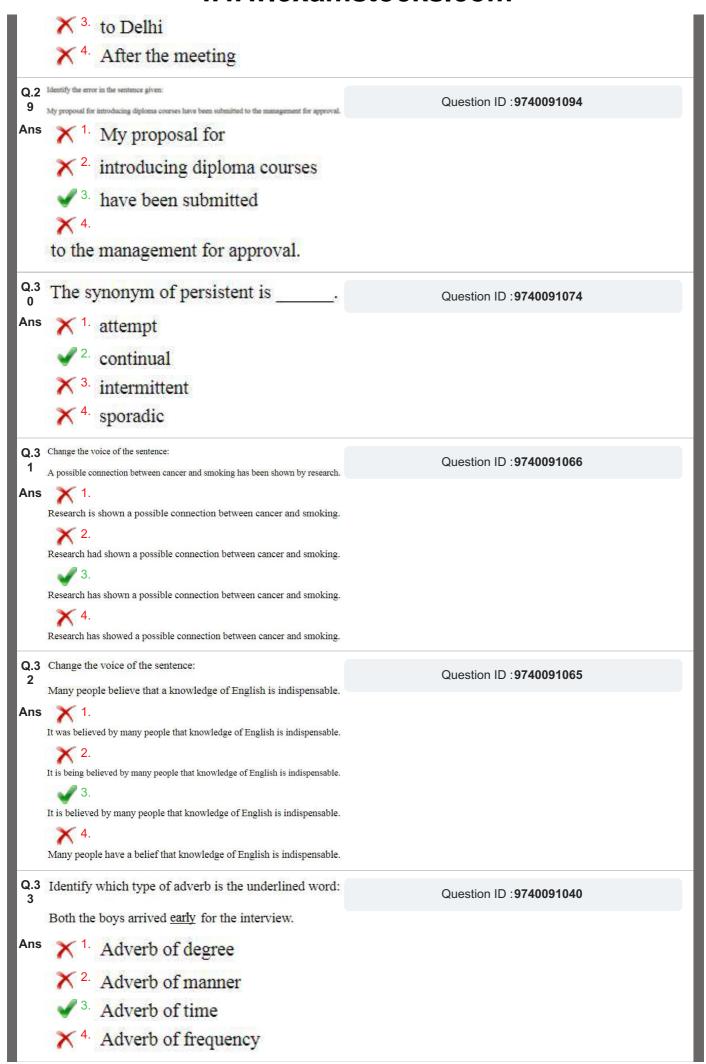
	SubQuestion No : 4		
	A sign may be defined as something that is	Question ID :9740091038	
An s	√ 1.		
	less able to be adapted to refer to speech.		
	X 2.		
	an interruption in the environment.		
	3. more difficult to describe than other forms		
	of communication.		
	× 4. a gesture.		
	Comprehension:		
	Answer questions based on the passag	e below:	
	There are many ways of communicating	g without using speech.	
	Signals, signs, symbols and gestures	Control of the Contro	
	known culture. The basic function of		
	upon the environment in such a way t as for example, the dots and dashes		
	as for example, the dots and dashes of a telegraph circuit. Coded to refer to speech, the potential for communication is		
	very great. While less adaptable to the codification of words,		
	signs contain greater meaning in and of themselves. A stop		
	sign or a petrol bunk sign conveys meaning quickly and		
	conveniently. Symbols are more difficult to understand than either signals or signs because of their <u>intricate</u> relationship		
	with the receiver's cultural perceptions. In some cultures,		
	applauding in a theatre provides perfo	rmers with an auditory	
	symbol of approval. Gestures such a		
	hands also communicate certain cultur	al messages.	
	SubQuestion No : 5		
Q.5	What is an example of a sign as found	Question ID : 9740091037	
	in the passage?		
An s	X ¹ An applauding sign		
	★ 2. The dots and dashes sign		
	✓ 3. A petrol bunk sign		
	X 4. A telegraphic circuit sign		
Q.6	The antonym of youthful is	Question ID :9740091077	
Ans	1. active		
	× 2. young		
	✓ 3. elderly		

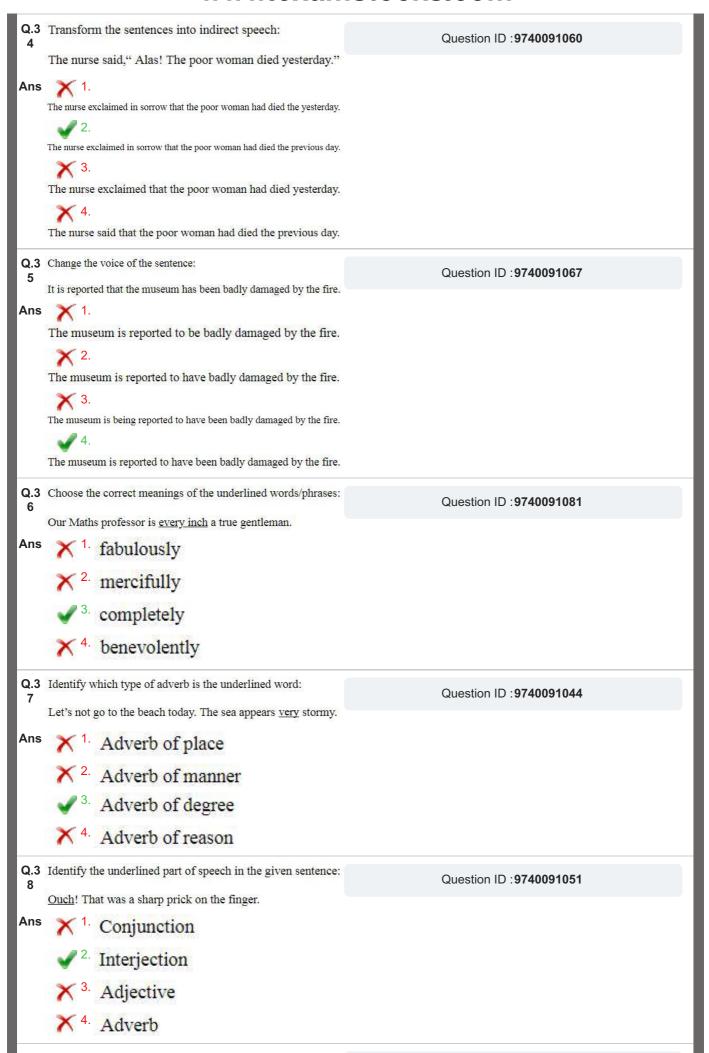
	× 4. tiresome	
Q.7	Identify the error in the sentence given: The drank men have been causing problems at the traffic junction since late afternoon.	Question ID :9740091086
Ans	★ 1. at the traffic junction	
	✓ ^{2.} The drank men	
	X ^{3.} since late afternoon	
	A have been causing problems	
Q.8	Identify which type of noun the underlined word is.	Question ID :9740091054
	Would you like to have some cheese?	
Ans	★ 1. Proper Noun	
	✓ ^{2.} Common	
	× 3. Abstract	
	× 4. Collective	
Q.9	Identify which type of adverb is the underlined word:	Question ID : 9740091043
	It is surprising that both the horses galloped <u>away</u> .	
Ans	√ 1. Adverb of place	
	× 2. Adverb of reason	
	X ^{3.} Adverb of manner	
	× 4. Adverb of degree	
0.1	and the contraction of the contr	
0	Fill in the blanks with appropriate preposition:	Question ID : 9740091046
L	What time does this train get Chennai?	
Ans	✓ 1. to	
	× 2. at	
	X ^{3.} in	
	× 4. until	
Q.1 1	The synonym of rubble is	Question ID: 9740091072
Ans	X ¹. stubble	
	× 2. rabble	
	✓ ^{3.} debris	
	× 4. confuse	
Q.1 2	Transform the sentences into indirect speech:	Question ID : 9740091059
	The teacher said, "Have you done your homework, Vishal?"	
Ans	X 1.	
	The teacher asked Vishal if he did his homework.	



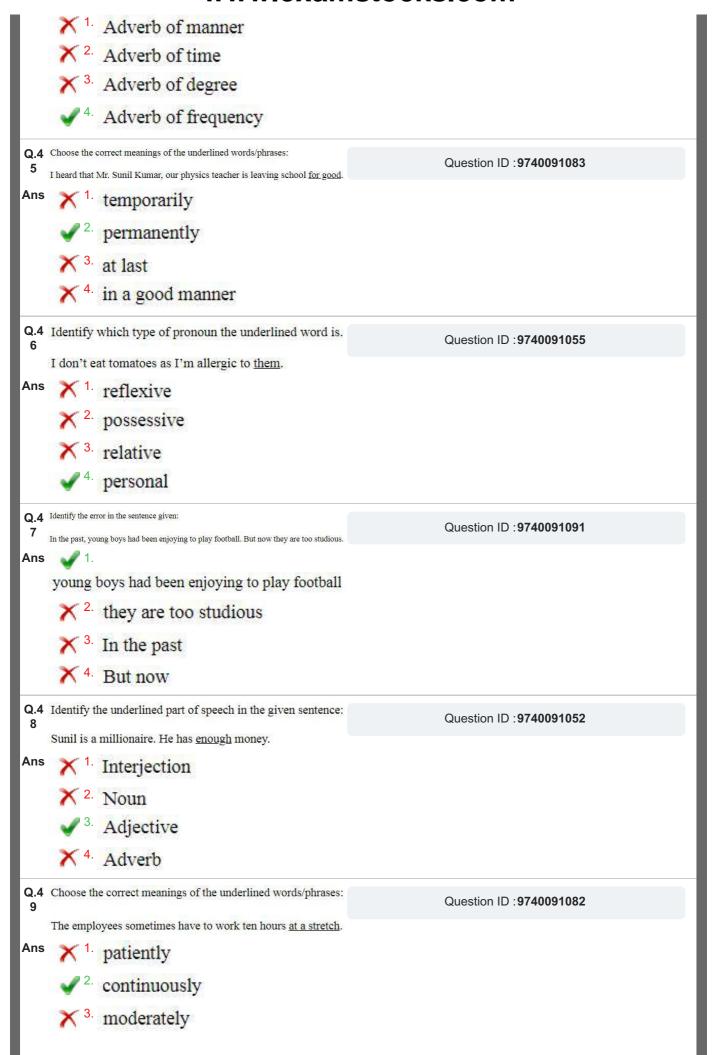
	4. We shall introduce several innovations in the field of medical technology.	
Q.1 8	The antonym of dependant is	Question ID :9740091076
Ans	★ 1. dependable	
	✓ 2. autonomous	
	X ^{3.} diverse	
	× 4. ample	
	Identify the error in the sentence given:	Question ID : 9740091085
9	Sam wishes to tell everyone about the books that has changed his life.	Question is 197400 1000
Ans	× 1. about the books	
	√ 2. that has changed his life.	
	× 3. everyone	
	× 4. Sam wishes to tell	
Q.2 0	Change the voice of the sentence:	Question ID : 9740091064
	This picture was painted by Satish Mathur	
Ans	X 1.	
	Satish Mathur had painted this picture.	
	X 2.	
	Satish Mathur paints this picture.	
	× 3.	
	Satish Mathur has painted this picture.	
	√ 4.	
	Satish Mathur painted this picture.	
Q.2 1	is a synonym of secret.	Question ID :9740091068
Ans	✓ 1. cryptic	
	× 2. overt	
	X ^{3.} cryogenic	
	× 4. synchronic	
Q.2 2	The word 'achievement' is a synonym of	Question ID :9740091070
Ans	✓ 1. feat	
	× 2. effort	
	× 3. successful	
	× 4. exert	
Q.2 3	Identify the error in the sentence given: I've heard that both Nirmala and her friend has been preparing hard for the entrance exam.	Question ID : 9740091093







Q.3 9	Transform the sentences into indirect speech:	Question ID :9740091061
	Sita said, "Mother, I am hungry."	
Ans	C9 WX 1779/28	
	Sita told her mother that she was hungry.	
	× 2.	
	Sita told her mother that she is hungry.	
	X 3.	
	Sita told her mother that I am hungry.	
	× 4.	
	Sita told her mother that I was hungry.	
-4-	Choose the correct meanings of the underlined words/phrases:	Question ID :9740091084
0	Many leaders have found the issue of unemployment <u>a tough nut to crack.</u>	
Ans	★ ¹ cracking the issue	
	√ 2. a difficult problem to solve	
	× 3. tougher than expected	
	× 4. problematic to open	
Q.4	The word 'vociferous' is an antonym of	
1		Question ID : 9740091078
Ans	× 1. unnatural	
	× 2. powerful	
	✓ ^{3.} quiet	
	× 4. harmless	
Q.4 2	Enlarge is a synonym of	Question ID :9740091075
Ans	✓ 1. magnify	
	× 2. shorten	
	× 3. condense	
	× 4. cover	
	Medical Valves are 199	
Q.4 3	The synonym of confer is	Question ID :9740091069
Ans	× ¹. accept	
	✓ 2. grant	
	× 3. coniferous	
	× 4. refuse	
	Identify which type of adverb is the underlined word:	Question ID :9740091041
4	You have repeated this error thrice.	Question 18. Utilioness
Ans	· · · · · · · · · · · · · · · · · · ·	



	★ ⁴ deliberately	
Q.5 0	Identify the underlined part of speech in the given sentence:	Question ID :9740091050
١	Sorry Sir. I could not get <u>any</u> sugar from the shop.	
Ans	★ ¹. Conjunction	
	× 2. Verb	
	× 3. Adverb	
	✓ 4. Adjective	
Q.5 1	Identify which type of adverb is the underlined word:	Question ID : 9740091042
	Sachin played <u>fabulously</u> to score a double century.	
Ans	√ ¹. Adverb of manner	
	× 2. Adverb of frequency	
	× 3. Adverb of reason	
	× 4. Adverb of negation	
Q.5	Fill in the blanks with appropriate preposition:	O 1: 1D 0740004047
2	The monkey climbed our house through the window.	Question ID : 9740091047
Ans	✓ 1. into	
	× 2. to	
	X ^{3.} in	
	X ⁴. at	
Q.5 3	Fill in the blanks with appropriate preposition:	Question ID : 9740091049
	The teacher explained that water boils 100 degree celsius.	
Ans		
	× 2. until	
	√ 3. at	
	X ^{4.} in	
Q.5 4	Fill in the blanks with appropriate preposition:	Question ID : 9740091048
	The workers have gone strike demanding better pay.	
Ans	× 1. for	
	X ² . in	
	√ 3. on	
	× 4. into	
Q.5 5	Identify the error in the sentence given:	Question ID : 9740091090
Ans	The engineer and his assistant, though working closely for long hours, does not like each other. 1. does not like each other	
	★ 2. The engineer and his assistant	

	3. though working closely	
	× 4. for long hours	
Q.5 6	Kindle is an antonym of	Question ID :9740091079
Ans	X ¹. dwindle	
	× 2. ignite	
	× 3. arouse	
	✓ 4. extinguish	
Q.5 7	Identify which type of noun the underlined word is.	Question ID :9740091053
	Shimla is one of the most beautiful places I've seen.	
Ans	Common	
	✓ ^{2.} Proper	
	× 3. Material	
	× 4. Collective	
Q.5 8	Identify which type of pronoun the underlined word is.	Question ID : 9740091056
	I went to the zoo with a friend of mine.	
Ans	possessive	
	× 2. personal	
	× 3. relative	
	× 4. reflexive	
	Identify the error in the sentence given:	Question ID :9740091087
9 Ans	In spite of the medication Ramesh is been having, he continues to be in a critical condition.	400000000000000000000000000000000000000
/ 1110	Ramesh is been having	
	× 2. he continues to be	
	★ 3. In spite of the medication	
	× 4. in a critical condition	
Q.6 0	The synonym of meticulous is:	Question ID :9740091071
Ans	× 1. delicious	
	✓ ^{2.} thorough	
	× 3. careless	
	× 4. through	