



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

सी ई एन ०१/२०१९ - एन टी पी सी - CEN 01/2019 - NTPC



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Test Date	07/04/2021
Test Time	10:30 AM - 12:00 PM
Subject	NTPC

*** Note**

Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark.

- Options shown in green color with a tick icon are correct.
- Chosen option on the right of the question indicates the option selected by the candidate.

Section : NTPC

Q.1 Four letter-pairs have been given, out of which three are alike in some manner and one is different. Select the odd one.

- Ans
- ☒ 1. NY
 - ☒ 2. BL
 - ☐ 3. LW
 - ☐ 4. CN

Question ID : 94891112594

Option 1 ID : 94891150376

Option 2 ID : 94891150374

Option 3 ID : 94891150375

Option 4 ID : 94891150373

Status : Answered

Chosen Option : 2

Q.2 Identify the Indian batsman who scored three consecutive test centuries in his first three International Cricket test matches.

- Ans
- ☒ 1. Mohammad Azharuddin
 - ☐ 2. Sachin Tendulkar
 - ☐ 3. Virat Kohli
 - ☐ 4. Rahul Dravid

Question ID : 94891112507

Option 1 ID : 94891150027

Option 2 ID : 94891150026

Option 3 ID : 94891150025

Option 4 ID : 94891150028

Status : Answered

Chosen Option : 2

Q.3 A locomotive engine without any wagon can go at a speed of 50 km per hour and its speed diminishes by a quantity which varies as the square root of the number of wagons attached. If with 25 wagons its speed is 35 km per hour, then what is the greatest number of wagons that can be attached, if the speed is NOT to fall below 11 km per hour?

- Ans**  1. 169
 2. 144
 3. 196
 4. 225

Question ID : 94891113267

Option 1 ID : 94891153065

Option 2 ID : 94891153067



Option 3 ID : 94891153066

Option 4 ID : 94891153068

Status : Not Answered

Chosen Option : --

Q.4 Three of the options given share a certain relationship while the fourth is different. Select the option that is different from the rest.

- Ans**  1. 343
 2. 125
 3. 27
 4. 81

Question ID : 94891112598

Option 1 ID : 94891150392

Option 2 ID : 94891150391

Option 3 ID : 94891150390

Option 4 ID : 94891150389

Status : Answered

Chosen Option : 4

Q.5 The sum of two positive numbers is 27, while the difference of their squares is 81. What is the value of the greater of the two numbers?

- Ans**  1. 16
 2. 14
 3. 12
 4. 15

Question ID : 94891113264

Option 1 ID : 94891153053

Option 2 ID : 94891153055

Option 3 ID : 94891153056

Option 4 ID : 94891153054

Status : Answered

Chosen Option : 4

Q.6 The chord of contact of tangents drawn from a point on the circle $x^2 + y^2 = a^2$ to the circle $x^2 + y^2 = b^2$ touches the circle $x^2 + y^2 = c^2$ such that $b^m = a^n c^p$, where $m, n, p \in N$. Find the value of $m + n + p + 10$.

- Ans**
- ☒ 1. 8
 - ☒ 2. 10
 - ☒ 3. 14
 - ☒ 4. 12

Question ID : 94891113273

Option 1 ID : 94891153089

Option 2 ID : 94891153090

Option 3 ID : 94891153092

Option 4 ID : 94891153091

Status : Not Answered

Chosen Option : --

Q.7 A circle has a radius of 3 units and its centre lies on the line $y = x - 1$. Find the equation of the circle if it passes through point (7, 3).

- Ans**
- ☒ 1. $x^2 + y^2 - 8x - 6y - 16 = 0$
 - ☒ 2. $x^2 + y^2 - 8x - 6y + 16 = 0$
 - ☒ 3. $x^2 + y^2 + 8x + 6y + 16 = 0$
 - ☒ 4. $x^2 + y^2 + 8x - 6y + 16 = 0$

Question ID : 94891113270

Option 1 ID : 94891153079

Option 2 ID : 94891153077

Option 3 ID : 94891153080

Option 4 ID : 94891153078

Status : Not Answered

Chosen Option : --

Q.8 Find the fourth proportional to 3, 5 and 15.

- Ans**
- ☒ 1. 25
 - ☒ 2. 20
 - ☒ 3. 35
 - ☒ 4. 15

Question ID : 94891113257

Option 1 ID : 94891153025

Option 2 ID : 94891153027

Option 3 ID : 94891153028

Option 4 ID : 94891153026

Status : Not Answered

Chosen Option : --

Q.9 If A's salary is 50% more than that of B, then by what percentage is B's salary less than that of A?

Ans

☒ 1. $23\frac{1}{3}\%$

☒ 2. $13\frac{1}{3}\%$

☒ 3. $33\frac{1}{3}\%$

☒ 4. $30\frac{1}{3}\%$

Question ID : 94891113258

Option 1 ID : 94891153031

Option 2 ID : 94891153032

Option 3 ID : 94891153029

Option 4 ID : 94891153030

Status : Answered

Chosen Option : 3

Q.10 Which gas can be fixed in the atmosphere by lightning?

Ans

☒ 1. Carbon dioxide

☒ 2. Argon

☒ 3. Nitrogen

☒ 4. Oxygen

Question ID : 94891112525

Option 1 ID : 94891150098

Option 2 ID : 94891150100

Option 3 ID : 94891150097

Option 4 ID : 94891150099

Status : Answered

Chosen Option : 4

Q.11 Find the length of the tangent from any point on the circle $x^2 + y^2 + 2011x + 2012y + 2013 = 0$ to the circle $x^2 + y^2 + 2011x + 2012y + 2014 = 0$.

Ans

☒ 1. 5

☒ 2. 1

☒ 3. 0

☒ 4. No common tangent can be drawn.

Question ID : 94891113269

Option 1 ID : 94891153074

Option 2 ID : 94891153076

Option 3 ID : 94891153073

Option 4 ID : 94891153075

Status : Not Answered

Chosen Option : --

Q.12 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:





Teachers make friends with only tall people.

Tandon is very tall.

Conclusions:

I. Tandon is friends with a teacher.

II. Tandon is not friends with a teacher.

- Ans**  1. Either conclusion I or II follows.
-  2. Only conclusion I follows.
-  3. Both conclusions I and II follow.
-  4. Only conclusion II follows.

Question ID : 94891112578

Option 1 ID : 94891150311

Option 2 ID : 94891150309

Option 3 ID : 94891150312

Option 4 ID : 94891150310

Status : Answered

Chosen Option : 2

Q.13 A truck covers a distance of 92.5 km in 2.5 h. If the truck is travelling at the same speed throughout the journey, then what is the distance covered by it in 1 h?

- Ans**  1. 57 km
-  2. 67 km
-  3. 47 km
-  4. 37 km

Question ID : 94891113244

Option 1 ID : 94891152975

Option 2 ID : 94891152976

Option 3 ID : 94891152974

Option 4 ID : 94891152973

Status : Answered

Chosen Option : 4

Q.14 What is the name of the Island where Nelson Mandela was imprisoned for 18 years of his total 27 years prison tenure?

- Ans
- ☐ 1. Greenland
 - ☒ 2. Robben Island
 - ☐ 3. Nuuk
 - ☐ 4. Cyprus

Question ID : 94891112506

Option 1 ID : 94891150022

Option 2 ID : 94891150021

Option 3 ID : 94891150023

Option 4 ID : 94891150024

Status : Not Answered

Chosen Option : --

Q.15 If $\frac{2}{5} + \frac{2}{10} = \frac{N+1}{N+5}$, then find the value of N.

- Ans
- ☒ 1. 5
 - ☐ 2. $\frac{5}{9}$
 - ☐ 3. 9
 - ☐ 4. 4

Question ID : 94891113250

Option 1 ID : 94891152997

Option 2 ID : 94891152998

Option 3 ID : 94891153000

Option 4 ID : 94891152999

Status : Answered

Chosen Option : 1

Q.16 Find the smallest number, which when divided by 35, 40 and 60 leaves a remainder 7 in each case.

- Ans
- ☐ 1. 893
 - ☐ 2. 800
 - ☒ 3. 847
 - ☐ 4. 814

Question ID : 94891113246

Option 1 ID : 94891152983

Option 2 ID : 94891152981

Option 3 ID : 94891152982

Option 4 ID : 94891152984

Status : Not Answered

Chosen Option : --

Q.17 The number that should be subtracted from 510 and 270 to get 24 as the GCD is:

- Ans
- ☒ 1. 16
 - ☒ 2. 42
 - ☒ 3. 24
 - ☒ 4. 6

Question ID : 94891113251

Option 1 ID : 94891153004

Option 2 ID : 94891153003

Option 3 ID : 94891153001

Option 4 ID : 94891153002

Status : Not Answered

Chosen Option : --

Q.18 Identify the water-soluble vitamin from the following.

- Ans
- ☒ 1. Vitamin A
 - ☒ 2. Vitamin B₁
 - ☒ 3. Vitamin D
 - ☒ 4. Vitamin E

Question ID : 94891112514

Option 1 ID : 94891150053

Option 2 ID : 94891150054

Option 3 ID : 94891150055

Option 4 ID : 94891150056

Status : Answered

Chosen Option : 2

Q.19 Which kingdom was called "a cherry" by Governor General Lord Dalhousie?

- Ans
- ☒ 1. Kingdom of Vijaynagara
 - ☒ 2. Kingdom of Gwalior
 - ☒ 3. Kingdom of Awadh
 - ☒ 4. Kingdom of Jhansi

Question ID : 94891112518

Option 1 ID : 94891150072

Option 2 ID : 94891150071

Option 3 ID : 94891150070

Option 4 ID : 94891150069

Status : Answered

Chosen Option : 2

Q.20

If $\frac{\pi}{2} < \theta < \frac{3\pi}{2}$, then $\sqrt{\frac{1 - \sin \theta}{1 + \sin \theta}}$ is:

Ans

- ✓ 1. $\tan \theta - \sec \theta$
- ✗ 2. $\sin \theta - \sec \theta$
- ✗ 3. $\tan \theta + \sec \theta$
- ✗ 4. $\cos \theta - \sec \theta$

Question ID : 94891113268

Option 1 ID : 94891153069

Option 2 ID : 94891153071

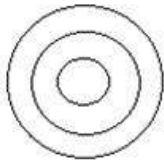
Option 3 ID : 94891153070

Option 4 ID : 94891153072

Status : Answered

Chosen Option : 4

Q.21 Select the option that is best represented by the following Venn diagram.



Ans

- ✗ 1. Year, Month, Weather
- ✓ 2. Wheat, Crop, Cereal
- ✗ 3. Criminal, Thief, Police
- ✗ 4. Doctors, Nurses, Hospital

Question ID : 94891112597

Option 1 ID : 94891150387

Option 2 ID : 94891150386





Option 3 ID : 94891150388

Option 4 ID : 94891150385

Status : Answered

Chosen Option : 4

Q.22 The Vice-President of India is elected by the:

- Ans**  1. members of the houses of parliament and state legislative assemblies
-  2. members of the Rajya Sabha
-  3. members of the Lok Sabha
-  4. members of both houses of parliament

Question ID : 94891112529

Option 1 ID : 94891150113

Option 2 ID : 94891150115

Option 3 ID : 94891150114

Option 4 ID : 94891150116

Status : **Answered**

Chosen Option : 4

Q.23 According to recommendations of which committee was NSE (National Stock Exchange) established in India?

- Ans**  1. Rajesh Krishnan Committee
-  2. Sri Krishna Committee
-  3. Pherwani Committee
-  4. Venkatachaliah Committee

Question ID : 94891112540

Option 1 ID : 94891150160

Option 2 ID : 94891150159





Option 3 ID : 94891150157

Option 4 ID : 94891150158

Status : **Not Answered**

Chosen Option : --

Q.24 Who shot dead Rand, the commissioner of Police, Poona due to failure to check plagues towards the end of 19th century in India?

- Ans**  1. Veer Savarkar
-  2. Vasudev B. Phadke
-  3. Damodar Chapekar
-  4. Bhagat Singh

Question ID : 94891112519

Option 1 ID : 94891150073

Option 2 ID : 94891150075

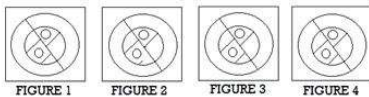
Option 3 ID : 94891150074

Option 4 ID : 94891150076

Status : **Not Answered**

Chosen Option : --

Q.25 Four figures (1 to 4) have been given, out of which three are alike and one is different. Select the odd one.



- Ans
- ☒ 1. Figure 3
 - ☒ 2. Figure 4
 - ☒ 3. Figure 2
 - ☒ 4. Figure 1

Question ID : 94891112595
Option 1 ID : 94891150379
Option 2 ID : 94891150380
Option 3 ID : 94891150378
Option 4 ID : 94891150377
Status : Answered
Chosen Option : 3

Q.26 Which among the following countries is not the member of ASEAN?

- Ans
- ☒ 1. Thailand
 - ☒ 2. India
 - ☒ 3. Indonesia
 - ☒ 4. Singapore

Question ID : 94891112533
Option 1 ID : 94891150130
Option 2 ID : 94891150132
Option 3 ID : 94891150131
Option 4 ID : 94891150129
Status : Answered
Chosen Option : 2


Q.27 Which of the following Articles of Indian Constitution describes the details for new state formation, alteration of boundaries etc.?

- Ans
- ☒ 1. Article 3
 - ☒ 2. Article 10
 - ☒ 3. Article 2
 - ☒ 4. Article 1


Question ID : 94891112528
Option 1 ID : 94891150112
Option 2 ID : 94891150111
Option 3 ID : 94891150110
Option 4 ID : 94891150109
Status : Answered
Chosen Option : 4


Q.28 The non-terminating repeating decimal among the following fractions is:

Ans

 1. $\frac{13}{4}$

 2. $\frac{7}{5}$

 3. $\frac{3}{40}$

 4. $\frac{100}{11}$

Question ID : 94891113253

Option 1 ID : 94891153009

Option 2 ID : 94891153010

Option 3 ID : 94891153012


Option 4 ID : 94891153011


Status : Answered


Chosen Option : 4


Q.29 After independence, during the second Five Year Plan (1956-61), which steel plant was set up with the collaboration of Germany?

Ans

 1. Bokaro Steel Plant

 2. Rourkela Steel Plant

 3. Durgapur Steel Plant

 4. Bhilai Steel Plant

Question ID : 94891112522

Option 1 ID : 94891150086

Option 2 ID : 94891150085

Option 3 ID : 94891150088


Option 4 ID : 94891150087


Status : Not Answered

Chosen Option : --


Q.30 Who led the march to raid the Dharasana salt works after Gandhiji was arrested?

Ans

 1. Jawahar Lal Nehru

 2. Madan Mohan Malviya

 3. Sardar Vallabhbhai Patel

 4. Abbas Tyabji

Question ID : 94891112520

Option 1 ID : 94891150077

Option 2 ID : 94891150079

Option 3 ID : 94891150078

Option 4 ID : 94891150080

Status : Answered

Chosen Option : 3

Q.31 Samarth scheme is implemented by the Union ministry of _____

- Ans
- ☒ 1. Textile
 - ☐ 2. Labour
 - ☐ 3. Defence
 - ☐ 4. Power

Question ID : 94891112541

Option 1 ID : 94891150163

Option 2 ID : 94891150162

Option 3 ID : 94891150164

Option 4 ID : 94891150161

Status : Answered

Chosen Option : 3

Q.32 Who will be conferred with the 2021 Film Archive award by the FIAF?

- Ans
- ☐ 1. Kamal Hasan
 - ☐ 2. Rajanikant
 - ☒ 3. Amitabh Bachchan
 - ☐ 4. Christopher Nolan

Question ID : 94891112504

Option 1 ID : 94891150015

Option 2 ID : 94891150014

Option 3 ID : 94891150016

Option 4 ID : 94891150013

Status : Answered

Chosen Option : 4

Q.33 What is Karl Landsteiner known for?

- Ans
- ☐ 1. Identified the Zika Virus
 - ☒ 2. Discovery of blood group classification
 - ☐ 3. Isolated the DNA
 - ☐ 4. Studied the nervous system

Question ID : 94891112513

Option 1 ID : 94891150050

Option 2 ID : 94891150049

Option 3 ID : 94891150051

Option 4 ID : 94891150052

Status : Answered

Chosen Option : 2

Q.34

Find the value of N in the following equation $\frac{1}{3} + \frac{2}{9} = \frac{N+1}{N+5}$.

Ans

☒ 1. 1

☒ 2. 3

☒ 3. 4

☒ 4. 0

Question ID : 94891113249

Option 1 ID : 94891152993

Option 2 ID : 94891152995

Option 3 ID : 94891152996

Option 4 ID : 94891152994

Status : Answered

Chosen Option : 3

Q.35

Unix, MS DOS, Linux are examples of:

Ans

☒ 1. Computers

☒ 2. Brands of printers

☒ 3. Operating Systems

☒ 4. Printers

Question ID : 94891112538

Option 1 ID : 94891150149

Option 2 ID : 94891150150

Option 3 ID : 94891150152

Option 4 ID : 94891150151

Status : Answered

Chosen Option : 3

Q.36

Which of the following Viceroy of India did take initiative to create elected local government bodies?

Ans

☒ 1. Lord Reading

☒ 2. Lord Wavell

☒ 3. Lord Rippon

☒ 4. Lord Irwin

Question ID : 94891112527

Option 1 ID : 94891150108

Option 2 ID : 94891150105

Option 3 ID : 94891150106

Option 4 ID : 94891150107

Status : Answered

Chosen Option : 3

Q.37 Which of the following is the major worldwide centre for Ship breaking in India?

- Ans
- ☐ 1. Kochi
 - ☐ 2. Vishakhapatnam
 - ☒ 3. Alang
 - ☐ 4. Chennai

Question ID : 94891112526

Option 1 ID : 94891150103

Option 2 ID : 94891150104

Option 3 ID : 94891150101

Option 4 ID : 94891150102

Status : Answered

Chosen Option : 3

Q.38 Which of the following is an example of scattering of light?

- Ans
- ☐ 1. Twinkling of stars
 - ☐ 2. Splitting of white light through a glass prism
 - ☒ 3. Blue colour of the sky
 - ☐ 4. Rainbow

Question ID : 94891112512

Option 1 ID : 94891150046

Option 2 ID : 94891150048

Option 3 ID : 94891150045

Option 4 ID : 94891150047

Status : Answered

Chosen Option : 3

Q.39 A sum of ₹400 would become ₹441 after 2 years at $r\%$ p.a. compound interest. Find the value of r .

- Ans
- ☐ 1. 6%
 - ☒ 2. 5%
 - ☐ 3. 7%
 - ☐ 4. 8%

Question ID : 94891113259

Option 1 ID : 94891153034

Option 2 ID : 94891153033

Option 3 ID : 94891153035

Option 4 ID : 94891153036

Status : Answered

Chosen Option : 2

Q.40 Line, Daisy Wheel, Laser and Drum are types of:

- Ans ☒ 1. Printers
☒ 2. Scanners
☒ 3. Photocopiers
☒ 4. Plotters

Question ID : 94891112537
Option 1 ID : 94891150146
Option 2 ID : 94891150148
Option 3 ID : 94891150147
Option 4 ID : 94891150145
Status : Answered
Chosen Option : 1

Q.41 A, B and C can complete a job in 15 days, 20 days and 30 days, respectively. If they earn ₹270 together, then the share of B is:

- Ans ☒ 1. ₹90
☒ 2. ₹99
☒ 3. ₹96
☒ 4. ₹93

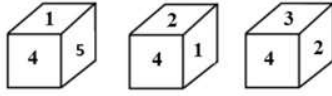
Question ID : 94891113263
Option 1 ID : 94891153050
Option 2 ID : 94891153052
Option 3 ID : 94891153051
Option 4 ID : 94891153049
Status : Answered
Chosen Option : 1

Q.42 Where is the UNESCO world heritage site, Kandariya Mahadev temple located?

- Ans ☒ 1. Mandsour
☒ 2. Mahabalipuram
☒ 3. Khajuraho
☒ 4. Bhubaneswar

Question ID : 94891112509
Option 1 ID : 94891150034
Option 2 ID : 94891150036
Option 3 ID : 94891150033
Option 4 ID : 94891150035
Status : Not Answered
Chosen Option : --

Q.43 Three different positions of the same dice are shown. Select number that will be on the face opposite to the one having 4.



- Ans ☒ 1. 6
☒ 2. 3
☒ 3. 5
☒ 4. 1

Question ID : 94891112601
Option 1 ID : 94891150401
Option 2 ID : 94891150403
Option 3 ID : 94891150402
Option 4 ID : 94891150404
Status : Answered
Chosen Option : 1

Q.44 Where is the headquarters of Nuclear Power Corporation of India Limited (NPCIL)?

- Ans ☒ 1. Guwahati
☒ 2. Mumbai
☒ 3. Delhi
☒ 4. Kanpur

Question ID : 94891112530
Option 1 ID : 94891150120
Option 2 ID : 94891150119
Option 3 ID : 94891150117
Option 4 ID : 94891150118
Status : Answered
Chosen Option : 3

Q.45 Who is the author of Ashtadhyayi, an ancient Sanskrit book?

- Ans ☒ 1. Ashtavakra
☒ 2. Charaka
☒ 3. Patanjali
☒ 4. Panini

Question ID : 94891112508
Option 1 ID : 94891150031
Option 2 ID : 94891150032
Option 3 ID : 94891150030
Option 4 ID : 94891150029
Status : Answered
Chosen Option : 4

Q.46 Which of the following activity is not responsible for greenhouse effect?

- Ans
- ☐ 1. Use of petrol vehicles for transport
 - ☐ 2. Emission from thermal power plant
 - ☐ 3. Use of wood as fuel
 - ☒ 4. Use of solar car for transport

Question ID : 94891112515

Option 1 ID : 94891150060

Option 2 ID : 94891150059

Option 3 ID : 94891150057

Option 4 ID : 94891150058

Status : Answered

Chosen Option : 4

Q.47 A train travelling at a speed of 96 km/h crosses a post in 12 seconds and a platform in 30 seconds. What is the length of the platform?

- Ans
- ☐ 1. 540 m
 - ☐ 2. 640 m
 - ☐ 3. 450 m
 - ☒ 4. 480 m

Question ID : 94891113262

Option 1 ID : 94891153045

Option 2 ID : 94891153048

Option 3 ID : 94891153046

Option 4 ID : 94891153047

Status : Not Answered

Chosen Option : --

Q.48 In a mixture of milk and water of 120 litres, the ratio of milk to water is 2 : 1 . If the ratio of milk to water needs to be 1 : 2 , then the amount of water that needs to be added to the mixture is:

- Ans
- ☐ 1. 110 litres
 - ☒ 2. 120 litres
 - ☐ 3. 140 litres
 - ☐ 4. 130 litres

Question ID : 94891113254

Option 1 ID : 94891153016

Option 2 ID : 94891153013

Option 3 ID : 94891153015

Option 4 ID : 94891153014

Status : Answered

Chosen Option : 2

Q.49 Select the letter that can replace the question mark (?).

D **R** = **F** **A** **?**

Ans

 1. L

 2. P

 3. O

 4. N

Question ID : 94891112603

Option 1 ID : 94891150409

Option 2 ID : 94891150412

Option 3 ID : 94891150411

Option 4 ID : 94891150410


Status : Answered


Chosen Option : 3

Q.50 The LCM of 144, 180 and 384 is:

Ans

 1. 5760

 2. 3760

 3. 5560

 4. 1760

Question ID : 94891113245

Option 1 ID : 94891152980

Option 2 ID : 94891152978

Option 3 ID : 94891152979

Option 4 ID : 94891152977

Status : Answered

Chosen Option : 1

Q.51 SpaceX has created a new record by launching _____ satellites into space in a single launch in Jan 2021.

Ans

 1. 110

 2. 153

 3. 125

 4. 143

Question ID : 94891112532

Option 1 ID : 94891150126

Option 2 ID : 94891150125

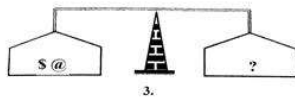
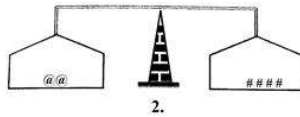
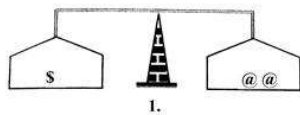
Option 3 ID : 94891150128

Option 4 ID : 94891150127

Status : Answered

Chosen Option : 4

Q.52 Study the given pattern carefully and select the option that can replace the question mark (?) in it.



Ans

- ☒ 1. #####
- ☒ 2. #####
- ☒ 3. #####
- ☒ 4. #####

Question ID : 94891112599

Option 1 ID : 94891150394

Option 2 ID : 94891150395

Option 3 ID : 94891150393

Option 4 ID : 94891150396

Status : Answered

Chosen Option : 4

Q.53 In a certain code language, MONOLATERALS is written as NMOAOLRTESAL. How will ABRACADABRAS be written in that code?

Ans

- ☒ 1. RABAACBDASRA
- ☒ 2. RABACABDASRA
- ☒ 3. RBAACABADSAR
- ☒ 4. SARBADACARBA

Question ID : 94891112579

Option 1 ID : 94891150314

Option 2 ID : 94891150315

Option 3 ID : 94891150316

Option 4 ID : 94891150313

Status : Answered

Chosen Option : 1

Q.54 X told Y, 'I am neither your son, nor your father. I am not your wife's brother, but I am related to him. I am the grandson of the father of your wife.' How is X related to Y?

- Ans**
- ☒ 1. Father's Sister's Husband
 - ☒ 2. Brother's Son
 - ☒ 3. Wife's Brother's Son
 - ☒ 4. Sister's Son

Question ID : 94891112576

Option 1 ID : 94891150304

Option 2 ID : 94891150302

Option 3 ID : 94891150303

Option 4 ID : 94891150301

Status : Not Answered

Chosen Option : --

Q.55 If a point (1, 2) is translated 2 units through the positive direction of x-axis and then the tangents drawn from that point to the circle $x^2 + y^2 = 9$, find the angle between the tangents.

- Ans**
- ☒ 1. $\tan^{-1}\left(\frac{5}{3}\right)$
 - ☒ 2. $2\tan^{-1}\left(\frac{1}{3}\right)$
 - ☒ 3. $2\tan^{-1}\left(\frac{3}{2}\right)$
 - ☒ 4. $2\tan^{-1}\left(\frac{2}{3}\right)$

Question ID : 94891113271

Option 1 ID : 94891153082

Option 2 ID : 94891153081

Option 3 ID : 94891153084


Option 4 ID : 94891153083


Status : Not Answered


Chosen Option : --


Q.56 If x is 20% more than y, then y is _____ less than x.

Ans

 1. $16\frac{1}{3}\%$

 2. $16\frac{2}{3}\%$

 3. $83\frac{2}{3}\%$

 4. $83\frac{1}{3}\%$

Question ID : 94891113256

Option 1 ID : 94891153024

Option 2 ID : 94891153022

Option 3 ID : 94891153023


Option 4 ID : 94891153021


Status : Answered


Chosen Option : 2


Q.57 Which of the following is an example of a spreadsheet?

Ans

 1. Microsoft Outlook

 2. Microsoft Power Point

 3. Microsoft Excel

 4. Microsoft Word

Question ID : 94891112536

Option 1 ID : 94891150144

Option 2 ID : 94891150143

Option 3 ID : 94891150142


Option 4 ID : 94891150141


Status : Answered


Chosen Option : 3


Q.58 If $\tan A + \tan B = p$ and $\cot A + \cot B = q$, then $\cot(A + B)$ is:

Ans

 1. $\frac{p - q}{pq}$

 2. $\frac{q - p}{pq}$

 3. $\frac{pq}{p - q}$

 4. $\frac{pq}{p + q}$

Question ID : 94891113272

Option 1 ID : 94891153085

Option 2 ID : 94891153086

Option 3 ID : 94891153088


Option 4 ID : 94891153087


Status : Not Answered


Chosen Option : --

Q.59 Who was the Governor General at the time of sepoy mutiny?

Ans

 1. Lord Canning

 2. Lord Cornwallis

 3. Lord Hastings

 4. Lord Dalhousie

Question ID : 94891112517

Option 1 ID : 94891150065

Option 2 ID : 94891150068

Option 3 ID : 94891150067

Option 4 ID : 94891150066


Status : Answered

Chosen Option : 2

Q.60 INS _____, third Scorpene class submarine was commissioned into the Indian Navy on 10th March, 2021.

Ans

 1. Karanj

 2. Khanderi

 3. Kalvari

 4. Vela

Question ID : 94891112505

Option 1 ID : 94891150017

Option 2 ID : 94891150018

Option 3 ID : 94891150019

Option 4 ID : 94891150020

Status : Answered

Chosen Option : 2

Q.61 Select the option that is related to 'Malayalam' in the same way as 'Odisha' is related to 'Odia'.

- Ans
- ☒ 1. Karnataka
 - ☒ 2. Tamil Nadu
 - ☒ 3. Kerala
 - ☒ 4. Andhra Pradesh

Question ID : 94891112580
Option 1 ID : 94891150320
Option 2 ID : 94891150318
Option 3 ID : 94891150317
Option 4 ID : 94891150319
Status : Answered
Chosen Option : 3

Q.62 United Nations General Assembly passed a resolution in the year _____ for establishing the UNIDO.

- Ans
- ☒ 1. 1985
 - ☒ 2. 1966
 - ☒ 3. 1975
 - ☒ 4. 1970

Question ID : 94891112534
Option 1 ID : 94891150136
Option 2 ID : 94891150135
Option 3 ID : 94891150133
Option 4 ID : 94891150134
Status : Not Answered
Chosen Option : --

Q.63 A path, 5 m, wide runs around and outside a rectangular plot of land of length 10 m and breadth 8 m. The area of path is:

- Ans
- ☒ 1. 280 m^2
 - ☒ 2. 380 m^2
 - ☒ 3. 260 m^2
 - ☒ 4. 160 m^2

Question ID : 94891113266
Option 1 ID : 94891153063
Option 2 ID : 94891153064
Option 3 ID : 94891153061
Option 4 ID : 94891153062
Status : Answered
Chosen Option : 1

Q.64 The LCM of 248 and 868 is 1736. The HCF of the same two numbers is:

- Ans** ☒ 1. 124
☐ 2. 248
☐ 3. 868
☐ 4. 1736

Question ID : 94891113247

Option 1 ID : 94891152985

Option 2 ID : 94891152986

Option 3 ID : 94891152987

Option 4 ID : 94891152988

Status : Answered

Chosen Option : 1

Q.65 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

2	4	5	4	6	?
8	12	20	24	36	42

- Ans** ☐ 1. 3
☐ 2. 5
☐ 3. 4
☒ 4. 6

Question ID : 94891112586

Option 1 ID : 94891150341

Option 2 ID : 94891150343

Option 3 ID : 94891150342

Option 4 ID : 94891150344

Status : Answered

Chosen Option : 4

Q.66 Which of the following tourist circuit is not included in the Swadesh Darshan scheme launched by the ministry of Tourism and Culture, Government of India?

- Ans** ☐ 1. Eco Circuit
☐ 2. Sufi Circuit
☐ 3. Coastal Circuit
☒ 4. Mountain Circuit

Question ID : 94891112543

Option 1 ID : 94891150172

Option 2 ID : 94891150171

Option 3 ID : 94891150169

Option 4 ID : 94891150170

Status : Answered

Chosen Option : 2

Q.67 Headquarters of United Nations University is situated in _____.

- Ans
- ☒ 1. USA
 - ☒ 2. France
 - ☒ 3. Germany
 - ☒ 4. Japan

Question ID : 94891112535
Option 1 ID : 94891150138
Option 2 ID : 94891150139
Option 3 ID : 94891150140
Option 4 ID : 94891150137
Status : Not Answered
Chosen Option : --

Q.68 Nai Roshni Scheme is a Government welfare scheme launched to empower _____ women.

- Ans
- ☒ 1. Minority
 - ☒ 2. Scheduled caste
 - ☒ 3. Scheduled tribes
 - ☒ 4. Backward caste

Question ID : 94891112542
Option 1 ID : 94891150166
Option 2 ID : 94891150167
Option 3 ID : 94891150165
Option 4 ID : 94891150168
Status : Not Answered
Chosen Option : --

Q.69 Find the value of $\sqrt{248 + \sqrt{51 + \sqrt{169}}}$.

- Ans
- ☒ 1. 25
 - ☒ 2. 36
 - ☒ 3. 16
 - ☒ 4. 9

Question ID : 94891113252
Option 1 ID : 94891153006
Option 2 ID : 94891153008
Option 3 ID : 94891153005
Option 4 ID : 94891153007
Status : Answered
Chosen Option : 3

Q.70 If $\frac{\sqrt{5}-1}{\sqrt{5}+1} - \frac{\sqrt{5}+1}{\sqrt{5}-1} = a + b\sqrt{5}$, then the value of $(a+b)(a-b) \div a^2 + b^2$ is:

- Ans
- ☐ 1. -2
 - ☐ 2. 0
 - ☒ 3. -1
 - ☐ 4. 3

Question ID : 94891113265

Option 1 ID : 94891153059

Option 2 ID : 94891153057

Option 3 ID : 94891153058

Option 4 ID : 94891153060

Status : Not Answered

Chosen Option : --

Q.71 Pradhan Mantri Suraksha Bima Yojana will cover accidental death risk of ₹ _____ for a premium of just ₹12 per year.

- Ans
- ☐ 1. 1 Lakh
 - ☒ 2. 2 Lakh
 - ☐ 3. 3 Lakh
 - ☐ 4. 4 Lakh

Question ID : 94891112539

Option 1 ID : 94891150153

Option 2 ID : 94891150154

Option 3 ID : 94891150155

Option 4 ID : 94891150156

Status : Answered

Chosen Option : 3

Q.72 Which of the following is used as a fuel in nuclear reactors?

- Ans
- ☐ 1. Copper
 - ☐ 2. Cobalt
 - ☒ 3. Uranium
 - ☐ 4. Iodine

Question ID : 94891112511

Option 1 ID : 94891150042

Option 2 ID : 94891150041

Option 3 ID : 94891150044

Option 4 ID : 94891150043

Status : Answered

Chosen Option : 3

Q.73 Kiran can complete a task in 15 days. He works for 5 days and then leaves. If Venkat completes the remaining task in 30 days, then in how many days can Venkat alone complete the same task?

- Ans**  1. 45
 2. 50
 3. 40
 4. 48

Question ID : 94891113261

Option 1 ID : 94891153041

Option 2 ID : 94891153044

Option 3 ID : 94891153043

Option 4 ID : 94891153042

Status : Answered

Chosen Option : 1

Q.74 P and Q started a business with equal capital. P withdrew from the business at the end of 4 months. If, at the end of the year, the business made a profit of ₹6,400, then the share of P is:

- Ans**  1. ₹1,600
 2. ₹3,200
 3. ₹1,800
 4. ₹1,750

Question ID : 94891113255

Option 1 ID : 94891153018

Option 2 ID : 94891153020

Option 3 ID : 94891153017





Option 4 ID : 94891153019

Status : Answered

Chosen Option : 1

Q.75 Study the given series carefully and select the option that will come next (in place of the question marks).

$\frac{C}{29} \quad \frac{25}{F} \quad \frac{I}{21} \quad \frac{17}{L} \quad \frac{O}{13} \quad \frac{?}{?}$

- Ans**  1. $\frac{R}{9}$
 2. $\frac{9}{S}$
 3. $\frac{S}{8}$
 4. $\frac{9}{R}$

Question ID : 94891112602

Option 1 ID : 94891150406

Option 2 ID : 94891150408

Option 3 ID : 94891150405

Option 4 ID : 94891150407

Status : Answered

Chosen Option : 4

Q.76 A, B and C start a business jointly. Twice the capital of A is equal to thrice the capital of B. The capital of B is four times the capital of C. Find the share of B if the annual profit is ₹2,97,000.

- Ans**
- ☒ 1. ₹1,08,800
 - ☒ 2. ₹10,800
 - ☒ 3. ₹1,08,000
 - ☒ 4. ₹18,000

Question ID : 94891113260

Option 1 ID : 94891153038

Option 2 ID : 94891153039

Option 3 ID : 94891153037

Option 4 ID : 94891153040

Status : Not Answered

Chosen Option : --

Q.77 Vivekanand Rock memorial is situated at _____.

- Ans**
- ☒ 1. Tirupathi
 - ☒ 2. Kozhikode
 - ☒ 3. Rameshawaram
 - ☒ 4. Kanyakumari

Question ID : 94891112523

Option 1 ID : 94891150089

Option 2 ID : 94891150092

Option 3 ID : 94891150091

Option 4 ID : 94891150090

Status : Answered

Chosen Option : 2

Q.78 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

4	5	4
?	1	5
32	12	18

- Ans**
- ☒ 1. 8
 - ☒ 2. 14
 - ☒ 3. 10
 - ☒ 4. 12

Question ID : 94891112600

Option 1 ID : 94891150400

Option 2 ID : 94891150397

Option 3 ID : 94891150399

Option 4 ID : 94891150398

Status : Answered

Chosen Option : 4

Q.79 Find the value of $\sqrt{54} \times \sqrt{6}$.

- Ans
- ☐ 1. 45
 - ☐ 2. 25
 - ☒ 3. 18
 - ☐ 4. 65

Question ID : 94891113248

Option 1 ID : 94891152991

Option 2 ID : 94891152989

Option 3 ID : 94891152990

Option 4 ID : 94891152992

Status : Answered

Chosen Option : 3

Q.80 Consider the given statement and decide which of the given assumptions is/are implicit in the statement.

Statement:

'Please keep the doors of the emergency ward closed while leaving the ward, to keep the room germ-free' – A sign board near the emergency ward of a hospital.

Assumptions:

I. Leaving the doors of the emergency ward open will cause germs to enter.

II. People are likely to pay attention to this notice.

- Ans
- ☐ 1. Only assumption I is implicit.
 - ☒ 2. Both assumptions I and II are implicit.
 - ☐ 3. Either assumption I or II is implicit.
 - ☐ 4. Only assumption II is implicit.

Question ID : 94891112581

Option 1 ID : 94891150321

Option 2 ID : 94891150324

Option 3 ID : 94891150323

Option 4 ID : 94891150322

Status : Answered

Chosen Option : 2

Q.81 'Loktak' lake is situated in which state?

- Ans
- ☐ 1. Rajasthan
 - ☐ 2. Meghalaya
 - ☒ 3. Manipur
 - ☐ 4. Odisha

Question ID : 94891112524

Option 1 ID : 94891150095

Option 2 ID : 94891150096

Option 3 ID : 94891150094

Option 4 ID : 94891150093

Status : Answered

Chosen Option : 3

Q.82 SAGA-220 was developed by Indian Space Research Organization. What is SAGA-220?

- Ans
- ☒ 1. Pacemaker
 - ☒ 2. Satellite
 - ☒ 3. Super Computer
 - ☒ 4. Missile

Question ID : 94891112531

Option 1 ID : 94891150124

Option 2 ID : 94891150122

Option 3 ID : 94891150121

Option 4 ID : 94891150123

Status : Answered

Chosen Option : 3

Q.83 Which cell organelle utilizes light energy during photosynthesis?

- Ans
- ☒ 1. Mitochondria
 - ☒ 2. Chloroplasts
 - ☒ 3. Ribosome
 - ☒ 4. Golgi body

Question ID : 94891112516

Option 1 ID : 94891150061

Option 2 ID : 94891150062

Option 3 ID : 94891150063

Option 4 ID : 94891150064

Status : Answered

Chosen Option : 2

Q.84 During First war of Independence, 1857, Kanpur region rose to oppose the British rule where Nana Saheb's Palace at _____ served as its headquarters.

- Ans
- ☒ 1. Pokhraya
 - ☒ 2. Bibighar
 - ☒ 3. Fatehgarh
 - ☒ 4. Bithoor

Question ID : 94891112521

Option 1 ID : 94891150081

Option 2 ID : 94891150084

Option 3 ID : 94891150083

Option 4 ID : 94891150082

Status : Not Answered

Chosen Option : --

Q.85 Which subject is dealt with in 'Sushruta Samhita'?

- Ans**
- ☒ 1. Religion and mythology
 - ☒ 2. Medicine and surgery
 - ☒ 3. Astrology
 - ☒ 4. Mathematics

Question ID : 94891112510

Option 1 ID : 94891150038

Option 2 ID : 94891150040

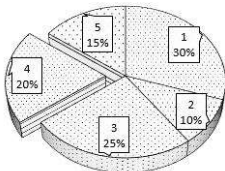
Option 3 ID : 94891150037

Option 4 ID : 94891150039

Status : Answered

Chosen Option : 2

Q.86 The given pie chart shows the percentage distribution of the sales of wheelbarrows from five different shops – 1, 2, 3, 4 and 5. Study the pie chart and answer the following question.



What is the central angle of the sector corresponding to the sales of goods from shop 3?

- Ans**
- ☒ 1. 50°
 - ☒ 2. 72°
 - ☒ 3. 90°
 - ☒ 4. 80°

Question ID : 94891112589

Option 1 ID : 94891150353

Option 2 ID : 94891150355

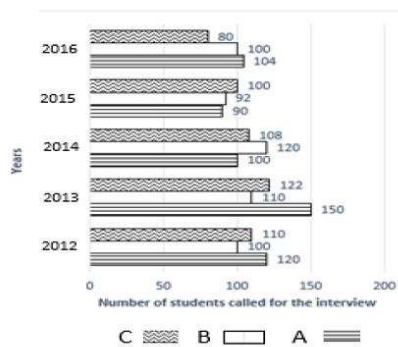
Option 3 ID : 94891150354

Option 4 ID : 94891150356

Status : Answered

Chosen Option : 3

Q.87 The given bar graph shows the numbers of students called for the interview for an MBA course in a certain university from three different cities – A, B and C – from 2012 to 2016.



What is the ratio of the average number of students called for the interview from city B from 2014 to 2016 to the average number of students called for interview from city C in the same period?

- Ans**  1. 13 : 12
-  2. 11 : 12
-  3. 14 : 15
-  4. 13 : 15

Question ID : 94891112590

Option 1 ID : 94891150359

Option 2 ID : 94891150357

Option 3 ID : 94891150358

Option 4 ID : 94891150360

Status : Answered

Chosen Option : 1

Q.88 The given table shows the number of candidates who appeared for an interview for the post of Manager in a bank from five different states of India. Study the table carefully and answer the question that follows.

States Years	Bihar	UP	MP	Punjab	Kerala
2012	410	300	250	280	440
2013	500	400	280	320	400
2014	450	450	240	260	350
2015	320	500	400	400	380
2016	500	430	540	350	420

Based on the data provided, which of the following statements is TRUE?

Ans ☒ 1.

The average number of candidates who appeared for the interview from Punjab is less than 300.

☒ 2.

The lowest number of candidates who appeared for the interview during the given period was from MP.

☒ 3.

The highest number of candidates who appeared for the interview during the given period was from UP.

☒ 4.

The average number of candidates who appeared for the interview from UP over the given period is greater than 400.

Question ID : 94891112591

Option 1 ID : 94891150363

Option 2 ID : 94891150364

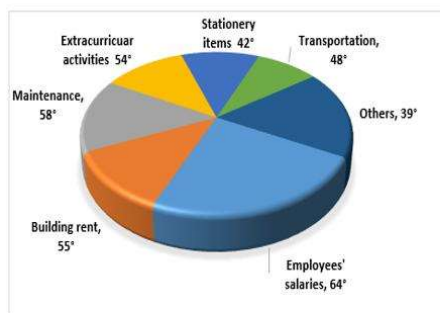
Option 3 ID : 94891150361

Option 4 ID : 94891150362

Status : Answered

Chosen Option : 4

Q.89 The following pie chart shows the annual expenditure of a certain international school under different heads.



If the total annual expenditure of the school during the year was ₹10 crore, then what was the approximate amount spent on maintenance and employees' salaries?

Ans ☒ 1. ₹2.45 crore

☒ 2. ₹2.5 crore

☒ 3. ₹3.38 crore

☒ 4. ₹3 crore

Question ID : 94891112592

Option 1 ID : 94891150368

Option 2 ID : 94891150367

Option 3 ID : 94891150365

Option 4 ID : 94891150366

Status : Answered

Chosen Option : 3

Q.90 Consider the given statement and decide which of the given assumptions is/are implicit in the statement.

Statement:

Though I don't like watching Indian films, I really enjoyed 'PK'.

Assumptions:

I. 'PK' is an Indian film.

II. 'PK' is not an Indian film.

Ans

- ✓ 1. Only assumption I is implicit.
✗ 2. Either assumption I or II is implicit.
✗ 3. Neither assumption I nor II is implicit.
✗ 4. Only assumption II is implicit.

Question ID : 94891112582

Option 1 ID : 94891150325

Option 2 ID : 94891150327

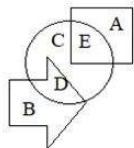
Option 3 ID : 94891150328

Option 4 ID : 94891150326

Status : Answered

Chosen Option : 2

Q.91 In the given diagram, circle represents 'tall people', square represents 'girls' and arrow represents 'boys'.



Which of the following letters represent people who are tall but not girls?

Ans

- ✗ 1. C and E
✗ 2. C, D and B
✓ 3. C and D
✗ 4. D and E

Question ID : 94891112596

Option 1 ID : 94891150384

Option 2 ID : 94891150383

Option 3 ID : 94891150381

Option 4 ID : 94891150382

Status : Answered

Chosen Option : 3

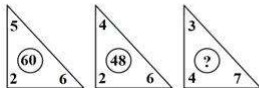
Q.92 Select the term that can replace the question mark (?) in the following series.

XQ, UN, RK, OH, LE, ?

- Ans ☒ 1. IB
☒ 2. JC
☒ 3. HA
☒ 4. GA

Question ID : 94891112585
Option 1 ID : 94891150337
Option 2 ID : 94891150338
Option 3 ID : 94891150339
Option 4 ID : 94891150340
Status : Answered
Chosen Option : 1

Q.93 Study the given pattern carefully and select the number from among the given options that can replace the question mark (?) in it.



- Ans ☒ 1. 84
☒ 2. 36
☒ 3. 86
☒ 4. 108

Question ID : 94891112583
Option 1 ID : 94891150332
Option 2 ID : 94891150329
Option 3 ID : 94891150330
Option 4 ID : 94891150331
Status : Answered
Chosen Option : 1

Q.94 How will you write 1.08 hours in hours, minutes and seconds?

- Ans ☒ 1. 1 hour, 8 minutes
☒ 2. 1 hour, 52 minutes
☒ 3. 1 hour, 4 minutes, 48 seconds
☒ 4. 1 hour, 10 minutes, 8 seconds

Question ID : 94891112593
Option 1 ID : 94891150371
Option 2 ID : 94891150369
Option 3 ID : 94891150370
Option 4 ID : 94891150372
Status : Answered
Chosen Option : 3

Q.95 Select the term that can replace the question mark (?) in the following series.

U9Y, R14V, O24S, L44P, ?, F164J

- Ans**
- ☒ 1. I84N
 - ☒ 2. J84L
 - ☒ 3. I64M
 - ☒ 4. I84M

Question ID : 94891112587
Option 1 ID : 94891150345
Option 2 ID : 94891150348
Option 3 ID : 94891150346
Option 4 ID : 94891150347
Status : Answered
Chosen Option : 4

Q.96 In a certain code, LATER is written as MCWIW. Which word will be written as GKHVHK in that code?

- Ans**
- ☒ 1. KINDLE
 - ☒ 2. CREATE
 - ☒ 3. FIERCE
 - ☒ 4. MADAME

Question ID : 94891112575
Option 1 ID : 94891150300
Option 2 ID : 94891150299
Option 3 ID : 94891150298
Option 4 ID : 94891150297
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.97 If FLOCK is coded as 141 in a particular coding language, then how will CREW be coded using the same language?

- Ans**
- ☒ 1. 148
 - ☒ 2. 147
 - ☒ 3. 182
 - ☒ 4. 550

Question ID : 94891112577
Option 1 ID : 94891150306
Option 2 ID : 94891150307
Option 3 ID : 94891150308
Option 4 ID : 94891150305
Status : Not Answered
Chosen Option : --

Q.98 Select the term that can replace the question mark (?) in the following series.

H5S, J6Q, L10O, N19M, P35K, ?

- Ans
- ☒ 1. R60K
 - ☒ 2. S60I
 - ☒ 3. R60I
 - ☒ 4. R45I

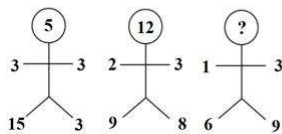
Question ID : 94891112588
Option 1 ID : 94891150349
Option 2 ID : 94891150350
Option 3 ID : 94891150352
Option 4 ID : 94891150351
Status : Answered
Chosen Option : 3

Q.99 Select the option that is related to 'Cook' in the same way as 'Poem' is related to 'Poet'.

- Ans
- ☒ 1. Meat
 - ☒ 2. Food
 - ☒ 3. Eggs
 - ☒ 4. Vegetables

Question ID : 94891112574
Option 1 ID : 94891150296
Option 2 ID : 94891150295
Option 3 ID : 94891150293
Option 4 ID : 94891150294
Status : Answered
Chosen Option : 2

Q.100 Study the given pattern carefully and select the number from among the given options that can replace the question mark (?) in it.



- Ans
- ☒ 1. 10
 - ☒ 2. 18
 - ☒ 3. 11
 - ☒ 4. 14

Question ID : 94891112584
Option 1 ID : 94891150336
Option 2 ID : 94891150334
Option 3 ID : 94891150333
Option 4 ID : 94891150335
Status : Answered
Chosen Option : 2