



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
सी ई एन ०१/२०१९ - एन टी पी सी - CEN 01/2019 - NTPC



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Test Center Name	Asansol Engineering College
Test Date	02/02/2021
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 60% of 40% of 32% of an amount is ₹432. What is the amount (in ₹)?

- Ans
- ☒ 1. 5,525
 - ☒ 2. 5,605
 - ☒ 3. 5,625
 - ☒ 4. 5,555

Question ID : 9489115155
Option 1 ID : 94891120618
Option 2 ID : 94891120619
Option 3 ID : 94891120617
Option 4 ID : 94891120620

Status : Answered

Chosen Option : 3

Q.2 Which article of Indian constitution ensures the abolition of titles?

- Ans**
- ☒ 1. Article 25
 - ☒ 2. Article 18
 - ☒ 3. Article 22
 - ☒ 4. Article 23

Question ID : 9489115035

Option 1 ID : 94891120139

Option 2 ID : 94891120140



Option 3 ID : 94891120137



Option 4 ID : 94891120138



Status : Answered

Chosen Option : 2

Q.3 Study the given pattern carefully and select the numbers from among the options that can replace the question marks (?).

 ,  ⇒ 24 , 15

 ,  ⇒ 20 , 20

 ,  ⇒ ? , ?

- Ans**
- ☒ 1. 16, 15
 - ☒ 2. 30, 29
 - ☒ 3. 18, 10
 - ☒ 4. 40, 42

Question ID : 9489115303

Option 1 ID : 94891121211

Option 2 ID : 94891121209

Option 3 ID : 94891121210

Option 4 ID : 94891121212


Status : Answered


Chosen Option : 1


Q.4


The possible value of x in the equation $\sqrt{\frac{x}{1-x}} + \sqrt{\frac{1-x}{x}} = \frac{25}{12}$ is:

Ans

 1. $\frac{8}{25}$ or $\frac{17}{25}$

 2. $\frac{9}{25}$ or $\frac{16}{25}$

 3. $\frac{19}{25}$ or $\frac{6}{25}$

 4. $\frac{12}{25}$ or $\frac{13}{25}$

Question ID : 9489115166

Option 1 ID : 94891120664

Option 2 ID : 94891120661

Option 3 ID : 94891120662

Option 4 ID : 94891120663

Status : Answered

Chosen Option : 2

Q.5 Select the option in which the terms share the same relationship as that shared by the given pair of terms.

DMO : WNL

Ans

 1. CFH : XUT

 2. ZAT : EGD

 3. DQG : ELP

 4. GHI : TSR

Question ID : 9489115275

Option 1 ID : 94891121098

Option 2 ID : 94891121100

Option 3 ID : 94891121097

Option 4 ID : 94891121099

Status : Answered


Chosen Option : 4

Q.6 Deficiency of which of the following causes colour blindness and poor vision?

Ans

 1. Vitamin A

 2. Vitamin C

 3. Calcium

 4. Vitamin K

Question ID : 9489115014

Option 1 ID : 94891120054

Option 2 ID : 94891120053

Option 3 ID : 94891120055

Option 4 ID : 94891120056

Status : Answered

Chosen Option : 1

Q.7 IMF and World Bank were formed in 1944. In which city is their headquarters located?

- Ans
- ☐ 1. New York
 - ☐ 2. Geneva
 - ☒ 3. Washington DC
 - ☐ 4. Vienna

Question ID : 9489115033
Option 1 ID : 94891120131
Option 2 ID : 94891120129
Option 3 ID : 94891120130
Option 4 ID : 94891120132

Status : Answered

Chosen Option : 3

Q.8 Which of the following provinces had maximum representation in the constituent assembly of India as on 31st December, 1947?

- Ans
- ☐ 1. Madras
 - ☐ 2. Bombay
 - ☒ 3. United Provinces
 - ☐ 4. West Bengal

Question ID : 9489115028
Option 1 ID : 94891120109
Option 2 ID : 94891120110
Option 3 ID : 94891120112
Option 4 ID : 94891120111

Status : Not Answered

Chosen Option : --

Q.9 Identify the term that does NOT belong to the following series.

A5, F11, K24, P51, T105, Z217

- Ans
- ☐ 1. F11
 - ☐ 2. Z217
 - ☒ 3. T105
 - ☐ 4. P51

Question ID : 9489115286
Option 1 ID : 94891121141
Option 2 ID : 94891121144
Option 3 ID : 94891121143
Option 4 ID : 94891121142

Status : Answered

Chosen Option : 3

Q.10 NITI Aayog was constituted on _____.

- Ans
- ☒ 1. 1st January 2015
 - ☐ 2. 1st April 2014
 - ☐ 3. 1st September 2015
 - ☐ 4. 1st April 2016

Question ID : 9489115039
Option 1 ID : 94891120154
Option 2 ID : 94891120153
Option 3 ID : 94891120155
Option 4 ID : 94891120156
Status : Not Answered
Chosen Option : --

Q.11 Which of the following is NOT an output device?

- Ans
- ☐ 1. Monitor
 - ☐ 2. Speaker
 - ☒ 3. Scanner
 - ☐ 4. Printer

Question ID : 9489115037
Option 1 ID : 94891120145
Option 2 ID : 94891120146
Option 3 ID : 94891120148
Option 4 ID : 94891120147
Status : Answered
Chosen Option : 1

Q.12 Which gas is found in soda water?

- Ans
- ☐ 1. Hydrogen
 - ☐ 2. Nitrogen
 - ☒ 3. Carbon dioxide
 - ☐ 4. Freon

Question ID : 9489115011
Option 1 ID : 94891120044
Option 2 ID : 94891120041
Option 3 ID : 94891120042
Option 4 ID : 94891120043
Status : Answered
Chosen Option : 3

Q.13 Four persons A, B, C and D completed a task in $\frac{2}{3}$ h, $\frac{3}{4}$ h, $\frac{4}{5}$ h and $\frac{1}{5}$ h respectively. Who among the following took the highest amount of time to complete the task?

- Ans
- ☐ 1. B
 - ☐ 2. D
 - ☒ 3. C
 - ☐ 4. A

Question ID : 9489115149

Option 1 ID : 94891120594

Option 2 ID : 94891120596

Option 3 ID : 94891120595

Option 4 ID : 94891120593

Status : Answered

Chosen Option : 3

Q.14 Who among the following Mughal rulers of India gave permission to the British to establish their first factory in Surat?

- Ans
- ☐ 1. Aurangzeb
 - ☒ 2. Jahangir
 - ☐ 3. Bahadurshah Zafar
 - ☐ 4. Shahjahan

Question ID : 9489115019

Option 1 ID : 94891120074

Option 2 ID : 94891120075

Option 3 ID : 94891120073

Option 4 ID : 94891120076

Status : Answered

Chosen Option : 1

Q.15 How many numbers less than 10000 are there which are exactly divisible by 21, 35 and 63?

- Ans
- ☐ 1. 32
 - ☐ 2. 30
 - ☐ 3. 34
 - ☒ 4. 31

Question ID : 9489115148

Option 1 ID : 94891120589

Option 2 ID : 94891120591

Option 3 ID : 94891120590

Option 4 ID : 94891120592

Status : Answered

Chosen Option : 4

Q.16 Which of the following is the correct sequence of crops in the decreasing order of their production in India in 2019-20?

- Ans**
- ☒ 1. Rice-wheat-coarse cereals-pulses
 - ☐ 2. Rice-coarse cereals-wheat-pulses
 - ☐ 3. Wheat-rice-coarse cereals-pulses
 - ☐ 4. Wheat-pulses-coarse cereals-rice

Question ID : 9489115024

Option 1 ID : 94891120095

Option 2 ID : 94891120096

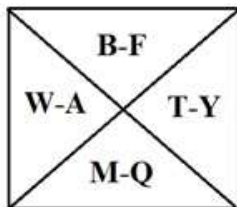
Option 3 ID : 94891120093

Option 4 ID : 94891120094

Status : Not Answered

Chosen Option : --

Q.17 Identify the letter-pair that does NOT belong to the following group.



- Ans**
- ☐ 1. M-Q
 - ☒ 2. T-Y
 - ☐ 3. B-F
 - ☐ 4. W-A

Question ID : 9489115299

Option 1 ID : 94891121195

Option 2 ID : 94891121194

Option 3 ID : 94891121193

Option 4 ID : 94891121196

Status : Answered

Chosen Option : 2

Q.18 What is the value of the following expression?

$$\frac{\sqrt{225}}{14} \times \frac{\sqrt{196}}{22} \times \frac{\sqrt{484}}{15}$$

- Ans
- ☒ 1. 3
 - ☒ 2. 1
 - ☒ 3. 2
 - ☒ 4. 14

Question ID : 9489115144
Option 1 ID : 94891120575
Option 2 ID : 94891120576
Option 3 ID : 94891120573
Option 4 ID : 94891120574

Status : Answered

Chosen Option : 2

Q.19 If LIT is coded as 123, LEFT is coded as 4512 and YELL is coded as 2247, then what will be the code for 'FLY'?

- Ans
- ☒ 1. 741
 - ☒ 2. 527
 - ☒ 3. 475
 - ☒ 4. 623

Question ID : 9489115280
Option 1 ID : 94891121117
Option 2 ID : 94891121119
Option 3 ID : 94891121118
Option 4 ID : 94891121120

Status : Answered

Chosen Option : 2

Q.20 Which of the following states is the least urbanised state of India, as per the census of 2011?

- Ans
- ☒ 1. Assam
 - ☒ 2. Himachal Pradesh
 - ☒ 3. Odisha
 - ☒ 4. Bihar

Question ID : 9489115025
Option 1 ID : 94891120099
Option 2 ID : 94891120097
Option 3 ID : 94891120100
Option 4 ID : 94891120098

Status : Answered

Chosen Option : 4

Q.21 The angles of a quadrilateral are in the ratio of 1 : 3 : 4 : 7. What is the difference between the largest and the smallest angle?

- Ans**
- ☐ 1. 145°
 - ☐ 2. 120°
 - ☐ 3. 140°
 - ☒ 4. 144°

Question ID : 9489115170

Option 1 ID : 94891120680

Option 2 ID : 94891120677

Option 3 ID : 94891120678

Option 4 ID : 94891120679

Status : Answered

Chosen Option : 4

Q.22 A, B and C can complete a task in 36, 54 and 72 days respectively. Together they started the task but A left 8 days before the completion of the task while B left 12 days before the completion. The number of days for which C worked is:

- Ans**
- ☒ 1. 24
 - ☐ 2. 28
 - ☐ 3. 40
 - ☐ 4. 32

Question ID : 9489115163

Option 1 ID : 94891120652

Option 2 ID : 94891120650

Option 3 ID : 94891120649

Option 4 ID : 94891120651

Status : Answered

Chosen Option : 1

Q.23 Which author created the little village of 'Malgudi' as the backdrop for his stories of the little boy 'Swami'?

- Ans**
- ☐ 1. U. R. Ananthamurthy
 - ☐ 2. Girish Karnad
 - ☐ 3. B. V. Karanth
 - ☒ 4. R. K. Narayan

Question ID : 9489115010

Option 1 ID : 94891120038

Option 2 ID : 94891120037

Option 3 ID : 94891120040

Option 4 ID : 94891120039

Status : Answered

Chosen Option : 4

Q.24 Which article of Indian Constitution contains provisions for the Panchayats and local body governments?

- Ans
- ☐ 1. Art. 51 A
 - ☐ 2. Art. 21
 - ☐ 3. Art. 270
 - ☒ 4. Art. 243

Question ID : 9489115027
Option 1 ID : 94891120108
Option 2 ID : 94891120106
Option 3 ID : 94891120105
Option 4 ID : 94891120107

Status : Answered
Chosen Option : 4

Q.25 Which of the following does the work of linking all the ATMs in India?

- Ans
- ☐ 1. Securities and Exchange Board of India
 - ☒ 2. National Payments Corporation of India
 - ☐ 3. National Institute of Banking and Management
 - ☐ 4. Reserve Bank of India

Question ID : 9489115041
Option 1 ID : 94891120161
Option 2 ID : 94891120163
Option 3 ID : 94891120164
Option 4 ID : 94891120162

Status : Answered
Chosen Option : 1

Q.26 If $x + y + z = 0$, then what will be the value of $\frac{x^2}{yz} + \frac{y^2}{zx} + \frac{z^2}{xy}$?

- Ans
- ☐ 1. $\frac{x^2 y^2 z^2}{x}$
 - ☒ 2. 3
 - ☐ 3. $\frac{3x^2 + 3y^2 + 3z^2}{x}$
 - ☐ 4. $x^2 + y^2 + z^2$

Question ID : 9489115147
Option 1 ID : 94891120585
Option 2 ID : 94891120588
Option 3 ID : 94891120587
Option 4 ID : 94891120586

Status : Answered
Chosen Option : 2

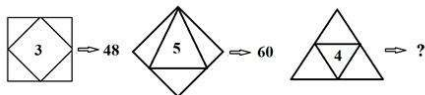
Q.27 What is the value of the following expression?

$$103 - [144 \div (12 \times 12) + 5 + 12 \div (6 - 2) + 10]$$

- Ans
- ☒ 1. 86
 - ☒ 2. 90
 - ☒ 3. 85
 - ☒ 4. 84

Question ID : 9489115153
Option 1 ID : 94891120611
Option 2 ID : 94891120612
Option 3 ID : 94891120610
Option 4 ID : 94891120609
Status : Answered
Chosen Option : 4

Q.28 Study the given pattern carefully and select the number from the given options that can replace the question mark (?).



- Ans
- ☒ 1. 36
 - ☒ 2. 72
 - ☒ 3. 100
 - ☒ 4. 90

Question ID : 9489115302
Option 1 ID : 94891121208
Option 2 ID : 94891121205
Option 3 ID : 94891121206
Option 4 ID : 94891121207
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.29 The two unequal sides of a rectangle are in the ratio of 3 : 4. If the perimeter is 42 cm, then the length of diagonal will be:

- Ans
- ☒ 1. 30 cm
 - ☒ 2. 25 cm
 - ☒ 3. 15 cm
 - ☒ 4. 35 cm

Question ID : 9489115169
Option 1 ID : 94891120674
Option 2 ID : 94891120673
Option 3 ID : 94891120676
Option 4 ID : 94891120675
Status : Answered
Chosen Option : 3

Q.30 Which Prime Minister sent the Cripps Mission to India in 1942?

- Ans
- ☐ 1. Clement Attlee
 - ☐ 2. Stanley Baldwin
 - ☐ 3. Ramsay MacDonald
 - ☒ 4. Winston Churchill

Question ID : 9489115021

Option 1 ID : 94891120082

Option 2 ID : 94891120081

Option 3 ID : 94891120084

Option 4 ID : 94891120083

Status : Answered

Chosen Option : 1

Q.31 With reference to GPS, which of the following is correct?

- Ans
- ☐ 1. Its full form is Galileo Positioning System.
 - ☐ 2. It has been developed by Russia.
 - ☒ 3. Mountains and building blocks can act as obstacles to GPS signals.
 - ☐ 4. Its full form is Global Placing System.

Question ID : 9489115032

Option 1 ID : 94891120127

Option 2 ID : 94891120125

Option 3 ID : 94891120128

Option 4 ID : 94891120126

Status : Answered

Chosen Option : 4

Q.32 The Lion Capital pillar is located at:

- Ans
- ☒ 1. Sarnath
 - ☐ 2. Barabar Hills
 - ☐ 3. Dhauli
 - ☐ 4. Nagarjuna Hills

Question ID : 9489115009

Option 1 ID : 94891120036

Option 2 ID : 94891120034

Option 3 ID : 94891120033

Option 4 ID : 94891120035

Status : Answered

Chosen Option : 1

Q.33 Cyclone Amphan hit West Bengal in May, 2020. Where did the cyclone originate from?

- Ans
- ☒ 1. Mediterranean Sea
 - ☒ 2. Persian Gulf
 - ☒ 3. Bay of Bengal
 - ☒ 4. Arabian Sea

Question ID : 9489115005

Option 1 ID : 94891120020

Option 2 ID : 94891120018

Option 3 ID : 94891120019

Option 4 ID : 94891120017

Status : Answered

Chosen Option : 3

Q.34 Where is the Kanha Tiger Reserve?

- Ans
- ☒ 1. Madhya Pradesh
 - ☒ 2. Maharashtra
 - ☒ 3. Telangana
 - ☒ 4. Uttar Pradesh

Question ID : 9489115013

Option 1 ID : 94891120052

Option 2 ID : 94891120051

Option 3 ID : 94891120050

Option 4 ID : 94891120049

Status : Answered

Chosen Option : 1

Q.35 Identify the term that does NOT belong to the following series.

2T3, 5S6, 11R9, 16Q12, 23P15

- Ans
- ☒ 1. 11R9
 - ☒ 2. 2T3
 - ☒ 3. 23P15
 - ☒ 4. 16Q12

Question ID : 9489115288

Option 1 ID : 94891121151

Option 2 ID : 94891121150

Option 3 ID : 94891121149

Option 4 ID : 94891121152

Status : Marked For Review

Chosen Option : 4

Q.36 If ∇ stands for operation “adding the first number to thrice the second number”, then the value of $(4\nabla 5)\nabla 6$ will be:

- Ans
- ☒ 1. 35
 - ☒ 2. 37
 - ☒ 3. 54
 - ☒ 4. 114

Question ID : 9489115151

Option 1 ID : 94891120601

Option 2 ID : 94891120604


Option 3 ID : 94891120602

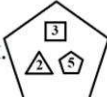
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
Status : Answered

Chosen Option : 2

Q.37 Study the given pattern carefully and select the number from among the given option that can replace the question mark (?).

I.  $\Rightarrow 4 [(3 + p) + (4 + q) + (4 + r)]$

II.  $\Rightarrow 5 [(4 + 3) + (3 + 2) + (5 + 5)] = 110$

III.  $\Rightarrow ?$

- Ans
- ☒ 1. 96
 - ☒ 2. 120
 - ☒ 3. 100
 - ☒ 4. 144

Question ID : 9489115300

Option 1 ID : 94891121200

Option 2 ID : 94891121197

Option 3 ID : 94891121198

Option 4 ID : 94891121199

Status : Answered

Chosen Option : 4

Q.38 The Karakoram pass, the mountain pass which lies between India and China, is in close proximity to:

- Ans
- ☐ 1. Srinagar
 - ☐ 2. Pathankot
 - ☐ 3. Tawang
 - ☒ 4. Kargil

Question ID : 9489115022

Option 1 ID : 94891120085

Option 2 ID : 94891120088

Option 3 ID : 94891120086

Option 4 ID : 94891120087

Status : Answered

Chosen Option : 3

Q.39 The difference between the compound interest and the simple interest accrued, at the same rate of interest, on an amount of ₹16,000 in 2 years was ₹1,000. What was the rate of interest percent per annum?

- Ans
- ☐ 1. 50%
 - ☒ 2. 25%
 - ☐ 3. 10%
 - ☐ 4. 12%

Question ID : 9489115159

Option 1 ID : 94891120635

Option 2 ID : 94891120634

Option 3 ID : 94891120633

Option 4 ID : 94891120636

Status : Answered

Chosen Option : 2

Q.40 If $(1 + \tan A)(1 + \tan B) = 2$, then what will be the value of $\tan(A + B)$?

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

Question ID : 9489115172

Option 1 ID : 94891120688

Option 2 ID : 94891120687

Option 3 ID : 94891120686

Option 4 ID : 94891120685

Status : Answered

Chosen Option : 4

Q.41 There are ten non-permanent members of the UN Security Council. They are elected by the General Assembly for a period of:

- Ans**
- ☒ 1. 3 years
 - ☒ 2. 5 years
 - ☒ 3. 2 years
 - ☒ 4. 4 years

Question ID : 9489115034

Option 1 ID : 94891120134

Option 2 ID : 94891120136

Option 3 ID : 94891120133

Option 4 ID : 94891120135

Status : Answered

Chosen Option : 3

Q.42 Every year 'ease of doing business index' is released. It is released by:

- Ans**
- ☒ 1. Harvard Business School
 - ☒ 2. International Monetary Fund (IMF)
 - ☒ 3. World Economic Forum
 - ☒ 4. World Bank Group

Question ID : 9489115040

Option 1 ID : 94891120160

Option 2 ID : 94891120157

Option 3 ID : 94891120159

Option 4 ID : 94891120158

Status : Answered

Chosen Option : 3

Q.43 For a symmetric distribution, the empirical relationship between mean, median and mode is:

- Ans**
- ☒ 1. Mean = Median = Mode
 - ☒ 2. Mean > Median > Mode
 - ☒ 3. Mode – Mean = 3(Mean – Median)
 - ☒ 4. Mode – Mean = 3(Median – Mean)

Question ID : 9489115168

Option 1 ID : 94891120670

Option 2 ID : 94891120669

Option 3 ID : 94891120672

Option 4 ID : 94891120671

Status : Answered

Chosen Option : 3

Q.44 Select the number that can replace the question mark (?) in the following series.

14, 2, 28, 3, 84, 4, ?

- Ans**
- ☒ 1. 202
 - ☒ 2. 198
 - ☒ 3. 336
 - ☒ 4. 268

Question ID : **9489115284**
Option 1 ID : **94891121134**
Option 2 ID : **94891121133**
Option 3 ID : **94891121136**
Option 4 ID : **94891121135**
Status : **Answered**
Chosen Option : **3**

Q.45 The first session of Indian National Congress was held in 1885. In which city of India was it held?

- Ans**
- ☒ 1. Madras
 - ☒ 2. Calcutta
 - ☒ 3. Bombay
 - ☒ 4. Patna

Question ID : **9489115020**
Option 1 ID : **94891120080**
Option 2 ID : **94891120078**
Option 3 ID : **94891120079**
Option 4 ID : **94891120077**
Status : **Answered**
Chosen Option : **3**

Q.46 Among A, B, C, D, E, F, and G, A is the mother of B, B is C's sister's son, C is the only son of D, D is the maternal grandmother of B and E is the son-in-law of F. If F has only one daughter and is the husband of D, then how is E related to A?

- Ans**
- ☒ 1. Son
 - ☒ 2. Husband
 - ☒ 3. Mother's Brother
 - ☒ 4. Sister's husband

Question ID : **9489115278**
Option 1 ID : **94891121109**
Option 2 ID : **94891121110**
Option 3 ID : **94891121111**
Option 4 ID : **94891121112**
Status : **Answered**
Chosen Option : **2**

Q.47 What is the Common name of mercury?

- Ans
- ☐ 1. Pearl ash
 - ☒ 2. Quicksilver
 - ☐ 3. Zinc white
 - ☐ 4. White lead

Question ID : 9489115015

Option 1 ID : 94891120060

Option 2 ID : 94891120057

Option 3 ID : 94891120058

Option 4 ID : 94891120059

Status : Answered

Chosen Option : 1

Q.48 A, B and C begin together to move around a circular stadium and they complete their revolutions in 42 s, 63 s and 84 s respectively. After how much time will they come together at the starting point?

- Ans
- ☐ 1. 152 s
 - ☐ 2. 452 s
 - ☒ 3. 252 s
 - ☐ 4. 256 s

Question ID : 9489115152

Option 1 ID : 94891120605

Option 2 ID : 94891120608

Option 3 ID : 94891120607

Option 4 ID : 94891120606

Status : Answered

Chosen Option : 3

Q.49 Where is the NSE (National Stock Exchange of India) headquartered?

- Ans
- ☐ 1. New Delhi
 - ☐ 2. Pune
 - ☐ 3. Chennai
 - ☒ 4. Mumbai

Question ID : 9489115042

Option 1 ID : 94891120165

Option 2 ID : 94891120166

Option 3 ID : 94891120168

Option 4 ID : 94891120167

Status : Answered

Chosen Option : 4

Q.50

If $x^3 + \frac{1}{x^3} = 18$, then what will be the value of $x + \frac{1}{x}$?

Ans

☒ 1. 9

☒ 2. 1

☒ 3. 3

☒ 4. 4

Question ID : 9489115164

Option 1 ID : 94891120656

Option 2 ID : 94891120655

Option 3 ID : 94891120653

Option 4 ID : 94891120654

Status : Answered

Chosen Option : 3

Q.51

In recognition technology OMR is used, what does M stand for?

Ans

☒ 1. Mark

☒ 2. Mirroring

☒ 3. Manipulator

☒ 4. Magnetic

Question ID : 9489115036

Option 1 ID : 94891120142

Option 2 ID : 94891120143

Option 3 ID : 94891120144

Option 4 ID : 94891120141

Status : Answered

Chosen Option : 1

Q.52

If $A < B < C > D < E > A$, then which of the following can be concluded?

Ans

☒ 1. $B > A > E$

☒ 2. $E > C > D$

☒ 3. $C > A < E$

☒ 4. $A < D < B$

Question ID : 9489115298

Option 1 ID : 94891121191

Option 2 ID : 94891121190

Option 3 ID : 94891121192

Option 4 ID : 94891121189

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.53 The Hornbill festival is a famous tribal festival. It is celebrated in which of the following North-Eastern states of India?

- Ans**
- ☐ 1. Assam
 - ☐ 2. Mizoram
 - ☐ 3. Arunachal Pradesh
 - ☒ 4. Nagaland

Question ID : 9489115018

Option 1 ID : 94891120069

Option 2 ID : 94891120071

Option 3 ID : 94891120072

Option 4 ID : 94891120070

Status : Answered

Chosen Option : 4

Q.54 If the selling price of an article is 3 times the discount offered and if the percentage of the discount is equal to the percentage profit, find the ratio of the discount offered to the cost price.

- Ans**
- ☐ 1. 7 : 6
 - ☒ 2. 5 : 12
 - ☐ 3. 7 : 11
 - ☐ 4. 7 : 12

Question ID : 9489115160

Option 1 ID : 94891120637

Option 2 ID : 94891120640

Option 3 ID : 94891120638

Option 4 ID : 94891120639

Status : Answered

Chosen Option : 2

Q.55 From where have the words 'Satyameva Jayate' which are inscribed below the National Emblem of India, been taken?

- Ans**
- ☒ 1. Mundaka Upanishads
 - ☐ 2. Jataka tales
 - ☐ 3. Puranas
 - ☐ 4. Bhagwad Gita

Question ID : 9489115029

Option 1 ID : 94891120114

Option 2 ID : 94891120115

Option 3 ID : 94891120113

Option 4 ID : 94891120116





Status : Answered

Chosen Option : 1

Q.56 Select the option that is related to the third word in the same way as the second word is related to the first word:

Himachal Pradesh : Dharamshala : : Maharashtra : ?

Ans

-  1. Beed
-  2. Pune
-  3. Nagpur
-  4. Ahmednagar

Question ID : **9489115295**

Option 1 ID : **94891121178**

Option 2 ID : **94891121179**

Option 3 ID : **94891121180**

Option 4 ID : **94891121177**

Status : **Answered**

Chosen Option : 2

Q.57

The value of $\frac{(5.4)^3 - 0.064}{(5.4)^2 + 2.16 + 0.16}$ is:

Ans

-  1. 8
-  2. 5
-  3. 3
-  4. 3.6

Question ID : **9489115167**

Option 1 ID : **94891120668**

Option 2 ID : **94891120667**

Option 3 ID : **94891120665**

Option 4 ID : **94891120666**

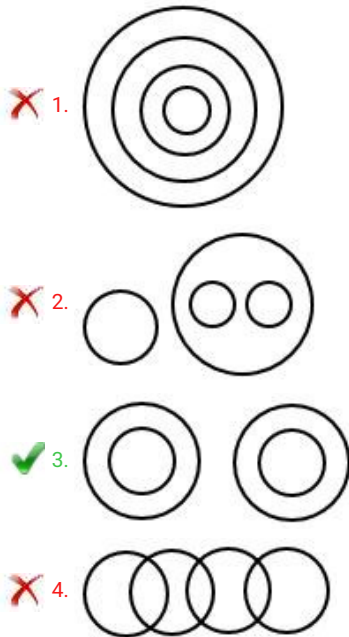
Status : **Answered**

Chosen Option : 2

Q.58 Select the Venn diagram that best represents the relationship between the following classes.

Ant, Insect, Fox, Mammal

Ans



Question ID : 9489115297

Option 1 ID : 94891121187

Option 2 ID : 94891121188

Option 3 ID : 94891121185

Option 4 ID : 94891121186

Status : Answered

Chosen Option : 3

Q.59 Ulat Bansi is a distinct contribution of which Bhakti poet?

- Ans**
1. Surdas
2. Nanak
3. Tukaram
4. Kabir

Question ID : 9489115008

Option 1 ID : 94891120029

Option 2 ID : 94891120030

Option 3 ID : 94891120032

Option 4 ID : 94891120031

Status : Not Answered

Chosen Option : --

Q.60

The value of $\sqrt{10 + \sqrt{221 + \sqrt{12 + \sqrt{16}}}}$ is:

- Ans
- ☒ 1. 3
 - ☒ 2. 6
 - ☒ 3. 5
 - ☒ 4. 4

Question ID : 9489115145
Option 1 ID : 94891120577
Option 2 ID : 94891120580
Option 3 ID : 94891120579
Option 4 ID : 94891120578

Status : Answered

Chosen Option : 3

Q.61 There are 35 street lamps in a row on a national highway. All are lit except one. The faulty lamp is 15th from the right end. What is the position of the faulty lamp from the left end?

- Ans
- ☒ 1. 22nd
 - ☒ 2. 20th
 - ☒ 3. 21st
 - ☒ 4. 23rd

Question ID : 9489115301
Option 1 ID : 94891121201
Option 2 ID : 94891121202
Option 3 ID : 94891121203
Option 4 ID : 94891121204

Status : Answered

Chosen Option : 3

Q.62 Which among the following units is used to count the speed of modern printers?

- Ans
- ☒ 1. LPM
 - ☒ 2. BIT
 - ☒ 3. CPM
 - ☒ 4. PPM

Question ID : 9489115038
Option 1 ID : 94891120150
Option 2 ID : 94891120152
Option 3 ID : 94891120149
Option 4 ID : 94891120151

Status : Not Answered

Chosen Option : --

Q.63 Solve the following.

$$\left(1 + \frac{1}{x}\right)\left(1 + \frac{1}{x+1}\right)\left(1 + \frac{1}{x+2}\right)\left(1 + \frac{1}{x+3}\right) = ?$$

Ans

☐ 1. $1 + \frac{1}{x+4}$

☐ 2. $x+4$

☐ 3. $\frac{1}{x}$

☒ 4. $\frac{x+4}{x}$

Question ID : 9489115146

Option 1 ID : 94891120581

Option 2 ID : 94891120582

Option 3 ID : 94891120583

Option 4 ID : 94891120584

Status : Answered

Chosen Option : 4

Q.64 A vendor purchases an article for ₹500 and sells it for ₹550. What is the percentage gain?

Ans ☐ 1. 15%

☒ 2. 10%

☐ 3. 5%

☐ 4. 20%

Question ID : 9489115157

Option 1 ID : 94891120627

Option 2 ID : 94891120626

Option 3 ID : 94891120625

Option 4 ID : 94891120628

Status : Answered

Chosen Option : 2

Q.65 Rupert purchases a second-hand TV for ₹4,600, spends some money on its repairs, and then sells it for ₹5,406, thereby earning a profit of 6%. How much did Rupert spend on the repairs?

Ans ☒ 1. ₹500

☐ 2. ₹600

☐ 3. ₹450

☐ 4. ₹400

Question ID : 9489115156

Option 1 ID : 94891120621

Option 2 ID : 94891120623

Option 3 ID : 94891120624

Option 4 ID : 94891120622

Status : Answered

Chosen Option : 2

Q.66 The mean of the values 1, 2, 3, 4, ..., n with respective frequencies 1, 2, 3, ..., n is:

- Ans
- ☒ 1. $\frac{n-1}{2}$
 - ☒ 2. $\frac{2n-1}{3}$
 - ☒ 3. $\frac{n+1}{2}$
 - ☒ 4. $\frac{2n+1}{3}$

Question ID : 9489115173

Option 1 ID : 94891120692

Option 2 ID : 94891120690

Option 3 ID : 94891120689

Option 4 ID : 94891120691

Status : Answered

Chosen Option : 3

Q.67 'Heavy water' is a term related to which of the following?

- Ans
- ☒ 1. Hydro-electric power plants
 - ☒ 2. Nuclear power generation plants
 - ☒ 3. Fertilizer industry
 - ☒ 4. Pharmaceutical industry

Question ID : 9489115012

Option 1 ID : 94891120045

Option 2 ID : 94891120046

Option 3 ID : 94891120048

Option 4 ID : 94891120047

Status : Answered

Chosen Option : 2

Q.68 Which of the following is correct about International Space Station (ISS)?

- Ans
- ☒ 1. It is located in low earth orbit.
 - ☒ 2. It is expected to operate until 2050.
 - ☒ 3. Only astronauts from USA and China are allowed to visit ISS.
 - ☒ 4. It has been assembled mainly by USA and China

Question ID : 9489115031

Option 1 ID : 94891120122

Option 2 ID : 94891120123

Option 3 ID : 94891120124

Option 4 ID : 94891120121

Status : Answered

Chosen Option : 4

Q.69 Which of the following country has hosted the 2018 FIFA world Cup?

- Ans
- ☐ 1. Spain
 - ☐ 2. England
 - ☐ 3. Qatar
 - ☒ 4. Russia

Question ID : 9489115004

Option 1 ID : 94891120014

Option 2 ID : 94891120013

Option 3 ID : 94891120016

Option 4 ID : 94891120015

Status : **Not Attempted and Marked For Review**

Chosen Option : --

Q.70 Four cows are tethered to the four corners of a square field of length 28 m so that each cow can just touch the two cows in the adjacent corners. If the grass in the area inside the square field that was accessible to the cows was enough to feed them for 22 days, for how many days would the grass that is beyond the reach of these cows be able to feed them if someone cuts it and leaves it inside the grazable parts? [Use $\pi = 22/7$]

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

Question ID : 9489115165

Option 1 ID : 94891120658

Option 2 ID : 94891120657

Option 3 ID : 94891120659

Option 4 ID : 94891120660

Status : **Not Attempted and Marked For Review**

Chosen Option : --

Q.71 Who was the teacher of Chandragupta Maurya?

- Ans
- ☐ 1. Vishnu Sharma
 - ☒ 2. Vishnu Gupta
 - ☐ 3. Skandgupta
 - ☐ 4. Kalhan

Question ID : 9489115017

Option 1 ID : 94891120065

Option 2 ID : 94891120068





Option 3 ID : 94891120067

Option 4 ID : 94891120066

Status : **Answered**

Chosen Option : 2

Q.72 Which of the following statements is INCORRECT about the Great Rann of Kutch?

- Ans  1. It is a fresh water lake.
-  2. Flamingos migrate to nest in large numbers.
-  3. It is a salt marsh in the Thar desert.
-  4. It is inhabited by the Kutchi people.

Question ID : 9489115016

Option 1 ID : 94891120064

Option 2 ID : 94891120063

Option 3 ID : 94891120062

Option 4 ID : 94891120061

Status : Answered

Chosen Option : 1

Q.73 Which of the following planets rotates in Clockwise direction?

- Ans  1. Venus
-  2. Mars
-  3. Saturn
-  4. Jupiter

Question ID : 9489115023

Option 1 ID : 94891120092

Option 2 ID : 94891120091

Option 3 ID : 94891120089

Option 4 ID : 94891120090

Status : Answered

Chosen Option : 2

Q.74 Who among the following personalities has been awarded the Gandhi Peace Prize in 2018 for his/her contribution to leprosy eradication?

- Ans  1. Jane Addams
-  2. Yohei Sasakawa
-  3. Nelson Mandela
-  4. Harriet Tubman

Question ID : 9489115007

Option 1 ID : 94891120028

Option 2 ID : 94891120026

Option 3 ID : 94891120027

Option 4 ID : 94891120025

Status : Answered

Chosen Option : 2

Q.75 Which of the following genetically modified (GM) crops has been given permission to be legally cultivated in India?

- Ans**
- ☒ 1. GM Mustard
 - ☒ 2. Bt Potato
 - ☒ 3. Bt Brinjal
 - ☒ 4. Bt Cotton

Question ID : 9489115030

Option 1 ID : 94891120117

Option 2 ID : 94891120120

Option 3 ID : 94891120119

Option 4 ID : 94891120118

Status : Answered

Chosen Option : 1

Q.76 Who among the following sportspersons won the highest number of Olympic Gold medals in swimming?

- Ans**
- ☒ 1. Michael Phelps
 - ☒ 2. Katie Ledecky
 - ☒ 3. Mark Spitz
 - ☒ 4. Ryan Lochte

Question ID : 9489115006

Option 1 ID : 94891120023

Option 2 ID : 94891120024

Option 3 ID : 94891120021

Option 4 ID : 94891120022

Status : Answered

Chosen Option : 1

Q.77 Which of the following is INCORRECT about Paramparagat Krishi Vikas Yojana (PKVY)?

- Ans**
- ☒ 1. It was launched in April, 2015.
 - ☒ 2.
- Every farmer under this scheme will be provided ₹20,000 per acre in three years for seeds, to harvest the crops and to transport the produce.
- ☒ 3. In three years 2,00,000 clusters will be formed.
 - ☒ 4. It was launched to promote organic farming.

Question ID : 9489115043

Option 1 ID : 94891120169

Option 2 ID : 94891120172

Option 3 ID : 94891120171

Option 4 ID : 94891120170

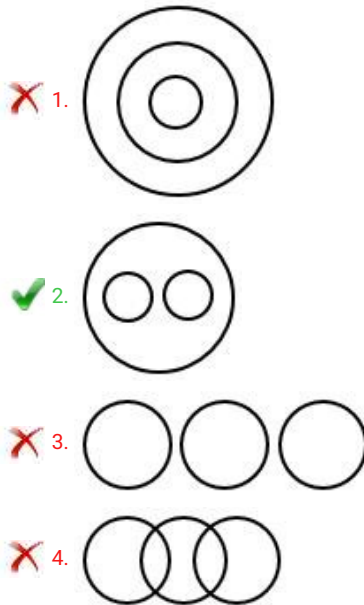
Status : Not Answered

Chosen Option : --

Q.78 Select the Venn diagram that best represents the relationship between the following classes.

Swimming, Cycling, Exercises

Ans



Question ID : 9489115296

Option 1 ID : 94891121183

Option 2 ID : 94891121184

Option 3 ID : 94891121181

Option 4 ID : 94891121182

Status : Answered

Chosen Option : 2

Q.79 The value of $\frac{\tan 45^\circ - \tan 30^\circ}{1 + \tan 45^\circ \tan 30^\circ}$ is :

- Ans
- ☒ 1. $2 + \sqrt{3}$
- ☒ 2. $2 - \sqrt{3}$
- ☒ 3. $\sqrt{3} - 2$
- ☒ 4. 1

Question ID : 9489115171

Option 1 ID : 94891120681

Option 2 ID : 94891120683

Option 3 ID : 94891120682





Option 4 ID : 94891120684

Status : Answered

Chosen Option : 2

Q.80 The speeds of three trains are in the ratio of 2 : 3 : 5. The amount of time taken by these trains to travel the same distance is in the ratio of:

Ans

-  1. $\frac{1}{2} : \frac{1}{3} : \frac{1}{5}$
-  2. 6 : 12 : 18
-  3. 2 : 3 : 4
-  4. 2 : 3 : 5

Question ID : 9489115161

Option 1 ID : 94891120642

Option 2 ID : 94891120643

Option 3 ID : 94891120644





Option 4 ID : 94891120641

Status : Answered

Chosen Option : 1

Q.81 Atulit buys an old bicycle for ₹4,000 and spends ₹400 towards its repairs. If he sells the bicycle for ₹5,000, his percentage gain is:

Ans

-  1. $7\frac{13}{11}\%$
-  2. $7\frac{13}{12}\%$
-  3. $13\frac{1}{11}\%$
-  4. $13\frac{7}{11}\%$

Question ID : 9489115158

Option 1 ID : 94891120632

Option 2 ID : 94891120631

Option 3 ID : 94891120629





Option 4 ID : 94891120630

Status : Answered

Chosen Option : 4

Q.82 Where is the world's largest coral reef found?

Ans

-  1. Philippines
-  2. Australia
-  3. Japan
-  4. Chile

Question ID : 9489115026

Option 1 ID : 94891120103

Option 2 ID : 94891120102

Option 3 ID : 94891120101

Option 4 ID : 94891120104

Status : Answered

Chosen Option : 2

Q.83 The rate at which a sum becomes 2 times of itself in 10 years at simple interest is:

- Ans ☒ 1. 10%
☐ 2. 25%
☐ 3. 20%
☐ 4. 15%

Question ID : 9489115154

Option 1 ID : 94891120613

Option 2 ID : 94891120616

Option 3 ID : 94891120614

Option 4 ID : 94891120615

Status : Answered

Chosen Option : 1

Q.84 The value of $\sqrt{0.04} + \sqrt{1.44} + \sqrt{1.69} + \sqrt{0.0009}$ is:

- Ans ☐ 1. 1.70
☒ 2. 2.73
☐ 3. 10.3
☐ 4. 2.03

Question ID : 9489115150

Option 1 ID : 94891120597

Option 2 ID : 94891120598

Option 3 ID : 94891120600

Option 4 ID : 94891120599

Status : Answered

Chosen Option : 2

Q.85 Two persons A and B start a journey from the same point at the speeds of 3 km/h and 4 km/h respectively. If they move in the same direction, then what will be the distance between them after 6 h?

- Ans ☐ 1. 9 km
☐ 2. 3 km
☐ 3. 4 km
☒ 4. 6 km

Question ID : 9489115162

Option 1 ID : 94891120645

Option 2 ID : 94891120647

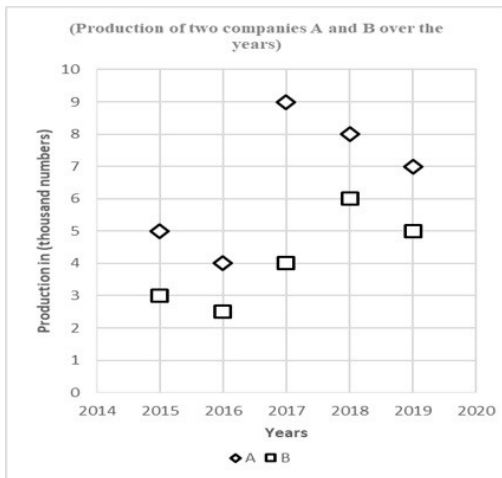
Option 3 ID : 94891120648

Option 4 ID : 94891120646

Status : Answered

Chosen Option : 4

Q.86 Study the given graph that shows production (in thousand numbers) of two companies, A and B, over 7 years, and answer the following question.



For company B, what is the percentage increase in production from 2017 to 2018?

- Ans ☒ 1. 50%
☒ 2. 20%
☒ 3. 15%
☒ 4. 25%

Question ID : 9489115289

Option 1 ID : 94891121155

Option 2 ID : 94891121154

Option 3 ID : 94891121156

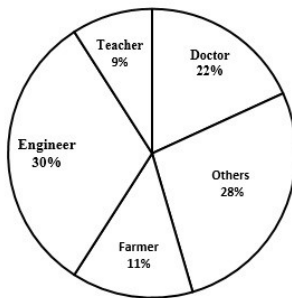
Option 4 ID : 94891121153

Status : Answered

Chosen Option : 1

Q.87 The following pie chart shows the percentage-wise distribution of the number of people of various occupation from different states of India.

Which of the given options would be the angle at the centre of the pie chart for the Engineer segment?



- Ans  1. 108°
-  2. 100°
-  3. 95°
-  4. 90°

Question ID : 9489115290

Option 1 ID : 94891121160

Option 2 ID : 94891121159

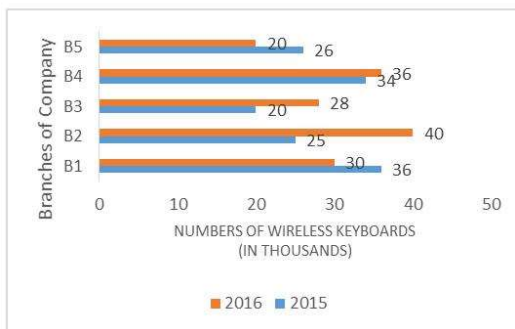
Option 3 ID : 94891121158

Option 4 ID : 94891121157

Status : Answered

Chosen Option : 1

Q.88 The given bar graph shows the total number of wireless keyboards (in thousands) produced by five different branches of a company, B1, B2, B3, B4 and B5, in 2015 and 2016. Study the graph and answer the following question.



The number of wireless keyboards produced by branch B4 in 2016 is equal to that produced by which branch in 2015?

- Ans**
- ☒ 1. B1 and B3
 - ☒ 2. Only B2
 - ☒ 3. B3 and B5
 - ☒ 4. Only B1

Question ID : 9489115291

Option 1 ID : 94891121163

Option 2 ID : 94891121161

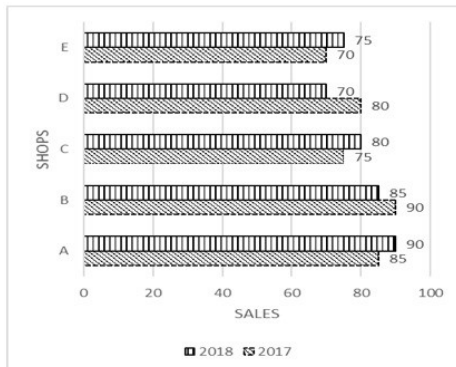
Option 3 ID : 94891121162

Option 4 ID : 94891121164

Status : Answered

Chosen Option : 4

Q.89 The given bar graph shows the sales of inverters of five different shops, A, B, C, D and E, in the years 2017 and 2018.



What is the ratio of the total sales of shop A for both the years to that of shop D for both the years?

- Ans
- ☒ 1. 5 : 3
 - ☒ 2. 6 : 5
 - ☒ 3. 1 : 3
 - ☒ 4. 7 : 6

Question ID : 9489115292

Option 1 ID : 94891121165

Option 2 ID : 94891121167

Option 3 ID : 94891121166

Option 4 ID : 94891121168

Status : Answered

Chosen Option : 4

Q.90 Four terms have been given, out of which three are alike in some manner and one is different. Select the odd one.

- Ans
- ☒ 1. SRQP
 - ☒ 2. FEDC
 - ☒ 3. XWVT
 - ☒ 4. NMLK

Question ID : 9489115294

Option 1 ID : 94891121173

Option 2 ID : 94891121175

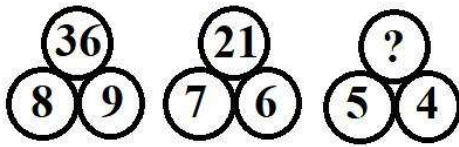
Option 3 ID : 94891121174

Option 4 ID : 94891121176

Status : Answered

Chosen Option : 3

Q.91 Study the given pattern carefully and select the number that can replace the question mark (?) in it.



- Ans
- ☒ 1. 20
 - ☒ 2. 11
 - ☒ 3. 31
 - ☒ 4. 10

Question ID : 9489115283

Option 1 ID : 94891121130

Option 2 ID : 94891121131

Option 3 ID : 94891121132

Option 4 ID : 94891121129

Status : Answered

Chosen Option : 4

Q.92 Study the given pattern carefully and select the number from among the given options that can replace the question mark (?).



- Ans
- ☒ 1. 6
 - ☒ 2. 18
 - ☒ 3. 13
 - ☒ 4. 11

Question ID : 9489115285

Option 1 ID : 94891121137

Option 2 ID : 94891121140

Option 3 ID : 94891121139

Option 4 ID : 94891121138

Status : Answered

Chosen Option : 3

Q.93 Consider the given statement and decide which of the given assumptions is/are implicit in the statement.

Statement:

X did not solve the equation on the black board with a chalk.

Assumptions:

I. The equation was solved on a paper.

II. The equation was solved by X on the black board with a marker.

Ans

- ☒ 1. Both assumptions I and II are implicit.
- ☒ 2. Only assumption II is implicit.
- ☒ 3. Only assumption I is implicit.
- ☒ 4. Neither assumption I nor II is implicit.

Question ID : 9489115281

Option 1 ID : 94891121124

Option 2 ID : 94891121122

Option 3 ID : 94891121121

Option 4 ID : 94891121123

Status : Answered

Chosen Option : 3

Q.94 Among A, B, C, D, E, F, G and H, H is the father of G, G is the only brother of F, F is the only sister-in-law of E, E is the mother of D, D is the brother of C and B is the father of H and husband of A. If F is unmarried, then how is C related to A?

Ans

- ☒ 1. Son's Son
- ☒ 2. Father's Father
- ☒ 3. Father's Mother
- ☒ 4. Son's Son's Son

Question ID : 9489115279

Option 1 ID : 94891121113

Option 2 ID : 94891121114

Option 3 ID : 94891121115

Option 4 ID : 94891121116

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.95 In a certain code language, '924' means 'they like tomato', '935' means 'we love tomato' and '956' means 'tomato love mango'. Which digit is used for 'mango'?

- Ans**
- ☒ 1. 2
 - ☒ 2. 9
 - ☒ 3. 4
 - ☒ 4. 6

Question ID : 9489115276
Option 1 ID : 94891121101
Option 2 ID : 94891121104
Option 3 ID : 94891121102
Option 4 ID : 94891121103
Status : Answered
Chosen Option : 4

Q.96 Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.

- Ans**
- ☒ 1. Hut
 - ☒ 2. Cobweb
 - ☒ 3. Burrow
 - ☒ 4. Den

Question ID : 9489115293
Option 1 ID : 94891121170
Option 2 ID : 94891121172
Option 3 ID : 94891121171
Option 4 ID : 94891121169
Status : Answered
Chosen Option : 2

Q.97 Read the given dialogue and answer the question that follows.

Davy: "Every pancake made by my mother is lip smacking."

Jones: "That's not true. Many pancakes made by your father are also very lip smacking."

What did Jones, apparently, assume regarding Davy's statement?

- Ans**
- ☒ 1. Davy's mother makes lip-smacking pancakes.
 - ☒ 2. Davy's father is good for nothing.
 - ☒ 3.

Some of the pancakes made by Davy's mother are not lip smacking.

- ☒ 4. Only Davy's mother makes lip-smacking pancakes.

Question ID : 9489115282
Option 1 ID : 94891121127
Option 2 ID : 94891121126
Option 3 ID : 94891121128
Option 4 ID : 94891121125
Status : Answered
Chosen Option : 3

Q.98 If '+' means 'division', '-' means 'addition', '×' means 'subtraction' and '÷' means 'multiplication', then what will be the value of the following expression?

$$\frac{[(20 \times 18) - (\frac{6}{2})] + (5 - 2)}{1}$$

Ans

- ☒ 1. 2
- ☐ 2. 3
- ☐ 3. 1
- ☐ 4. 4

Question ID : 9489115287

Option 1 ID : 94891121146

Option 2 ID : 94891121147

Option 3 ID : 94891121145

Option 4 ID : 94891121148

Status : Answered

Chosen Option : 1

Q.99 If in a certain code, UNSURE is written as ELGEHU, which of the following options will be written as YNYHM in the same code?

Ans

- ☐ 1. TELGU
- ☐ 2. ALONE
- ☒ 3. ALARM
- ☐ 4. MONEY

Question ID : 9489115274

Option 1 ID : 94891121093

Option 2 ID : 94891121094

Option 3 ID : 94891121095

Option 4 ID : 94891121096

Status : Answered

Chosen Option : 3

Q.100 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:

Some balls bounce.





All balls vibrate.

Conclusions:

I. Even the balls that do not bounce, vibrate.

II. The balls that do not bounce, do not necessarily vibrate.

Ans

-  1. Only conclusion I follows.
-  2. Only conclusion II follows.
-  3. Neither conclusion I nor II follows.
-  4. Both conclusions I and II follow.

Question ID : **9489115277**

Option 1 ID : **94891121105**

Option 2 ID : **94891121106**

Option 3 ID : **94891121108**

Option 4 ID : **94891121107**

Status : **Answered**

Chosen Option : **2**