Participant ID	
Participant Name	
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.

1. Options shown in green color with a tick icon are correct.
2. 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 $\sqrt{\dfrac{x}{1-x}} + \sqrt{\dfrac{1-x}{x}} = \dfrac{25}{12}$ is:

Ans

✗ 1. $\dfrac{8}{25}$ or $\dfrac{17}{25}$

✔ 2. $\dfrac{9}{25}$ or $\dfrac{16}{25}$

✗ 3. $\dfrac{19}{25}$ or $\dfrac{6}{25}$

✗ 4. $\dfrac{12}{25}$ or $\dfrac{13}{25}$

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**
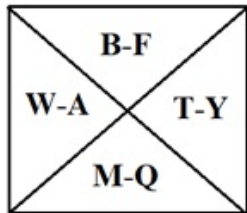Option 1 ID : **94891120095**
Option 2 ID : **94891120096**
Option 3 ID : **94891120093**
Option 4 ID : **94891120094**
Status : **Not Answered**
Chosen Option : **--**

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. Ananthamurty
✗ 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 $\dfrac{x^2}{yz} + \dfrac{y^2}{zx} + \dfrac{z^2}{xy}$?

Ans
- ✗ 1. $\dfrac{x^2y^2z^2}{x}$
- ✓ 2. 3
- ✗ 3. $\dfrac{3x^2 + 3y^2 + 3z^2}{x}$
- ✗ 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 (?).
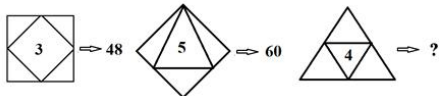
Ans

✔ 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∇5)∇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**
Option 4 ID : **94891120603**
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. ⇒ 4 [(3 + p) + (4 + q) + (4 + r)]

II. ⇒ 5 [(4 + 3) + (3 + 2) + (5 + 5)] = 110

III. ⇒ ?

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 $\dfrac{(5.4)^3 - 0.064}{(5.4)^2 + 2.16 + 0.16}$ 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**
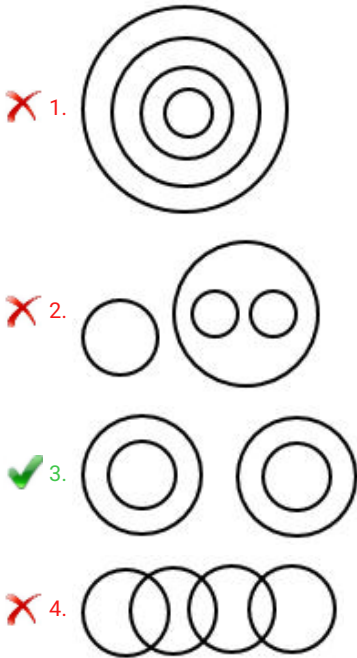Option 4 ID : **94891120666**
Status : **Answered**
Chosen Option : **2**

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

Ant, Insect, Fox, Mammal

Ans

✗ 1.

✗ 2.

✔ 3.

✗ 4.

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. $1 + \dfrac{1}{x+4}$

✗ 2. $x + 4$

✗ 3. $\dfrac{1}{x}$

✔ 4. $\dfrac{x+4}{x}$

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. $\dfrac{n-1}{2}$

✗ 2. $\dfrac{2n-1}{3}$

✗ 3. $\dfrac{n+1}{2}$

✔ 4. $\dfrac{2n+1}{3}$

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**

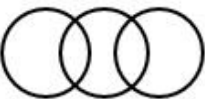**Q.77** Which of the following is INCORRECT about Paramparagat Krishi Vikas Yojana (PKVY)?
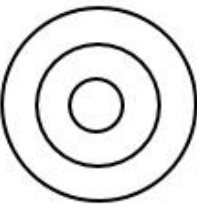
Ans

✗ 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

✗ 1.

✔ 2.

✗ 3.

✗ 4.

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 $\frac{tan45°-tan30°}{1+tan45°tan30°}$ 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. $\dfrac{1}{2} : \dfrac{1}{3} : \dfrac{1}{5}$

✘ 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. $7\dfrac{13}{11}\%$

✘ 2. $7\dfrac{13}{12}\%$

✘ 3. $13\dfrac{1}{11}\%$

✔ 4. $13\dfrac{7}{11}\%$

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.

(Production of two companies A and B over the years)
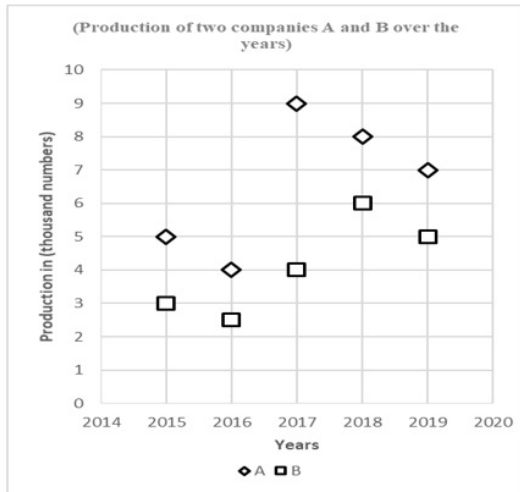
For company B, what is the percentage increase in production from 2017 to 2018?

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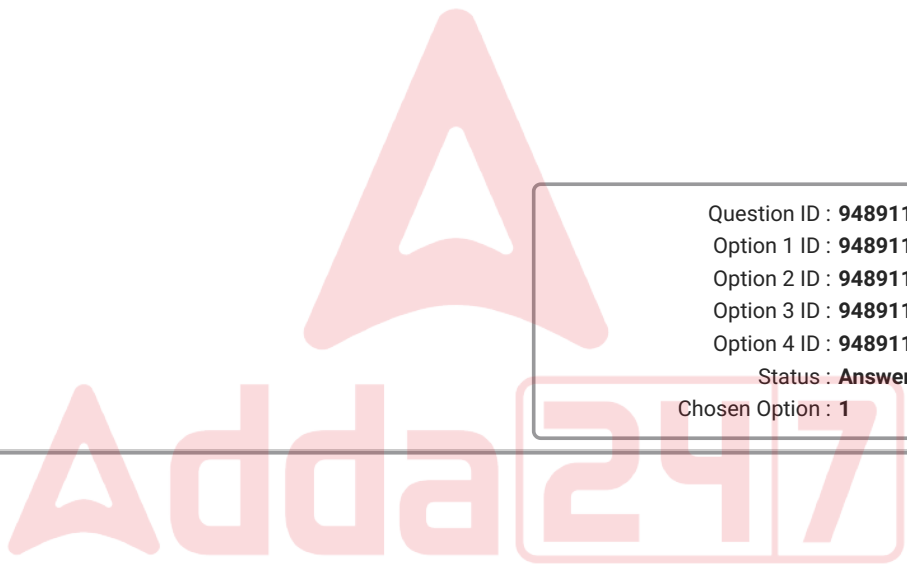
Q.87 The following pie chart shows the percentage-wise distribution of the number of people of various occupation from different states of India.

Which of the given options would be the angle at the centre of the pie chart for the Engineer segment?
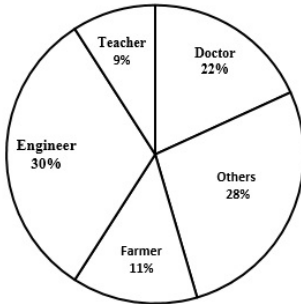
Pie chart segments:
- Teacher 9%
- Doctor 22%
- Engineer 30%
- Others 28%
- Farmer 11%

Ans ✔ 1. 108°

✘ 2. 100°

✘ 3. 95°

✘ 4. 90°

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.
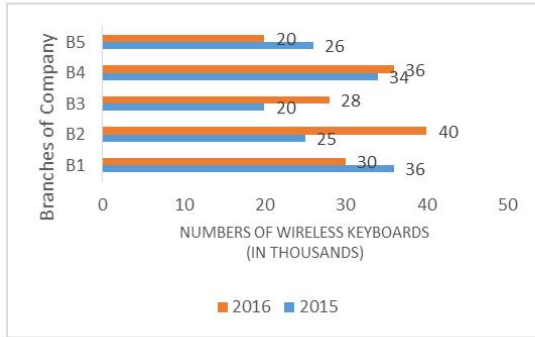

The number of wireless keyboards produced by branch B4 in 2016 is equal to that produced by which branch in 2015?

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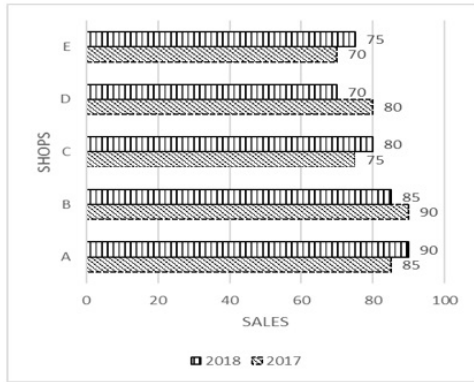
What is the ratio of the total sales of shop A for both the years to that of shop D for both the years?

Ans

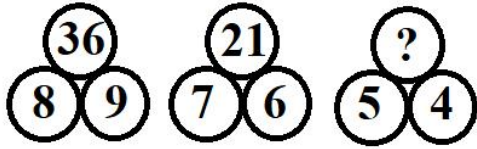✗ 1. 5 : 3

✗ 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**
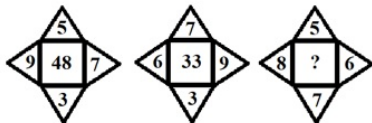Chosen Option : **3**

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

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

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**
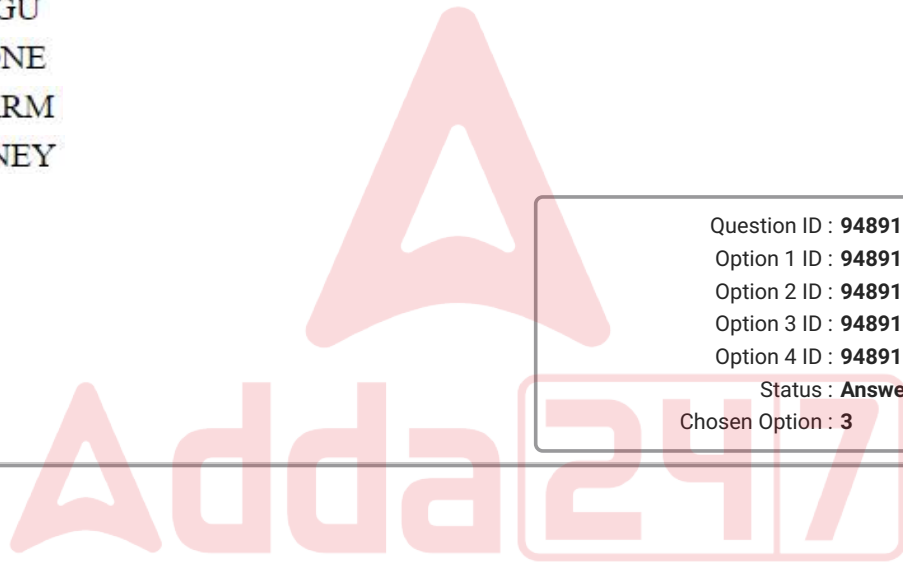
Q.100 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

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**