रेल भर्ती बोर्ड / **RAILWAY RECRUITMENT BOARDS**

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

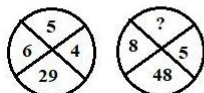| Participant ID	
Participant Name	
Test Center Name	ANAND INTERNATIONAL COLLEGE OF ENGINEERING JAIPUR
Test Date	27/01/2021
Test Time	3:00 PM - 4:30 PM
Subject	NTPC

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

Ans ✗ 1. 12
  ✔ 2. 8
  ✗ 3. 6
  ✗ 4. 7

Question ID : **9489113603**
Option 1 ID : **94891114412**
Option 2 ID : **94891114411**
Option 3 ID : **94891114409**
Option 4 ID : **94891114410**
Status : **Answered**
Chosen Option : **2**

Q.2 Find the cost of fencing a square plot of land with an area of 11025 m^2, at the rate of ₹85 per metre.

Ans
✗ 1. ₹35,800

✗ 2. ₹35,000

✗ 3. ₹36,000

✔ 4. ₹35,700

Question ID : **9489114746**
Option 1 ID : **94891118984**
Option 2 ID : **94891118981**
Option 3 ID : **94891118982**
Option 4 ID : **94891118983**
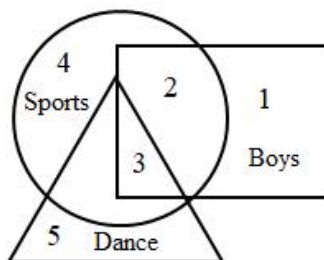Status : **Answered**
Chosen Option : **4**

Q.3 The system that converts an IP address into an easy to remember format is called:

Ans
✗ 1. Domain numbering system

✗ 2. Domains

✔ 3. Domain name system

✗ 4. Packet-switching domain system

Question ID : **9489113636**
Option 1 ID : **94891114543**
Option 2 ID : **94891114542**
Option 3 ID : **94891114544**
Option 4 ID : **94891114541**
Status : **Answered**
Chosen Option : **3**

Q.4 From the given diagram, find which number represents the following:

Boys are good at sports but not dance.

Ans
✗ 1. 5

✗ 2. 3

✗ 3. 4

✔ 4. 2

Question ID : **9489113597**
Option 1 ID : **94891114388**
Option 2 ID : **94891114386**
Option 3 ID : **94891114387**
Option 4 ID : **94891114385**
Status : **Answered**
Chosen Option : **4**

Q.5 Which of the following 'ashrams' was NOT established by Mahatma Gandhi?

Ans ✔ 1. Paunar

✘ 2. Sabarmati

✘ 3. Sevagram

✘ 4. Tolstoy Farm

Question ID : **9489113620**
Option 1 ID : **94891114479**
Option 2 ID : **94891114477**
Option 3 ID : **94891114478**
Option 4 ID : **94891114480**
Status : **Answered**
Chosen Option : **4**

Q.6 Rana Tigrina is the scientific name of which animal?

Ans ✘ 1. Leopard

✘ 2. Tiger

✘ 3. Wolf

✔ 4. Asian Frog

Question ID : **9489113611**
Option 1 ID : **94891114443**
Option 2 ID : **94891114442**
Option 3 ID : **94891114444**
Option 4 ID : **94891114441**
Status : **Answered**
Chosen Option : **4**

Q.7 What is the Chemical symbol of Lead?

Ans ✔ 1. Pb

✘ 2. Zn

✘ 3. Fe

✘ 4. Mn

Question ID : **9489113615**
Option 1 ID : **94891114457**
Option 2 ID : **94891114459**
Option 3 ID : **94891114458**
Option 4 ID : **94891114460**
Status : **Answered**
Chosen Option : **1**

Q.8 A freely suspended magnet always aligns in the _____ direction.

Ans ✗ 1. east - west

✗ 2. north - east

✔ 3. north - south

✗ 4. south - west

Question ID : **9489113614**
Option 1 ID : **94891114456**
Option 2 ID : **94891114454**
Option 3 ID : **94891114453**
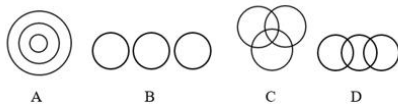Option 4 ID : **94891114455**
Status : **Answered**
Chosen Option : **3**

Q.9 Find the area of a rhombus whose perimeter is 116 cm and one diagonal is 42 cm in length.

Ans ✗ 1. 800 cm^2

✔ 2. 840 cm^2

✗ 3. 810 cm^2

✗ 4. 830 cm^2

Question ID : **9489114769**
Option 1 ID : **94891119073**
Option 2 ID : **94891119075**
Option 3 ID : **94891119074**
Option 4 ID : **94891119076**
Status : **Answered**
Chosen Option : **2**

Q.10 Select the Venn diagram from among the given options that best represents the relationship between the following classes.

Human being, Father, Man

A   B   C   D

Ans ✗ 1. Diagram B

✔ 2. Diagram A

✗ 3. Diagram C

✗ 4. Diagram D

Question ID : **9489113596**
Option 1 ID : **94891114382**
Option 2 ID : **94891114381**
Option 3 ID : **94891114383**
Option 4 ID : **94891114384**
Status : **Answered**
Chosen Option : **2**

Q.11 Choose the number-pair that is different from the other three.

Ans ✔ 1. 0 : 6

✘ 2. 5 : 14

✘ 3. 12 : 28

✘ 4. 21 : 46

Question ID : **9489113595**
Option 1 ID : **94891114377**
Option 2 ID : **94891114379**
Option 3 ID : **94891114378**
Option 4 ID : **94891114380**
Status : **Answered**
Chosen Option : **1**

Q.12 In 2016, who became the second woman Prime Minister of Great Britain?

Ans ✘ 1. Angela Merkel

✘ 2. Margaret Thatcher

✘ 3. Melania Trump

✔ 4. Theresa May

Question ID : **9489113634**
Option 1 ID : **94891114535**
Option 2 ID : **94891114533**
Option 3 ID : **94891114536**
Option 4 ID : **94891114534**
Status : **Answered**
Chosen Option : **2**

Q.13 With which dance form is the noted dancer Pratibha Prahlad associated?

Ans ✘ 1. Kathakali

✔ 2. Bharata Natyam

✘ 3. Kathak

✘ 4. Odissi

Question ID : **9489113610**
Option 1 ID : **94891114439**
Option 2 ID : **94891114438**
Option 3 ID : **94891114437**
Option 4 ID : **94891114440**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.14 Which is the busiest sea port in Europe?

Ans

✗ 1. Southampton

✗ 2. Le Havre

✔ 3. Rotterdam

✗ 4. Antwerp

Question ID : **9489113624**
Option 1 ID : **94891114496**
Option 2 ID : **94891114495**
Option 3 ID : **94891114494**
Option 4 ID : **94891114493**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.15 The withdrawal of United Kingdom from the European Union is referred to more commonly as:

Ans

✗ 1. Britain stronger

✗ 2. Vote leave

✗ 3. Exit

✔ 4. Brexit

Question ID : **9489113633**
Option 1 ID : **94891114532**
Option 2 ID : **94891114529**
Option 3 ID : **94891114530**
Option 4 ID : **94891114531**
Status : **Answered**
Chosen Option : **2**

Q.16 In a chess tournament, there are 125 participants. The game will be played on knock out basis. How many matches are to be played in the entire tournament?

Ans

✔ 1. 124

✗ 2. 125

✗ 3. 62

✗ 4. 84

Question ID : **9489113585**
Option 1 ID : **94891114339**
Option 2 ID : **94891114340**
Option 3 ID : **94891114337**
Option 4 ID : **94891114338**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.17 Which of the following schemes was launched in year 2006?

Ans
- ✗ 1. Pradhanmantri Jeewan Jyoti Bima Yojana
- ✗ 2. Pradhanmantri Mudra Yojana
- ✗ 3. Pradhamantri Jan Dhan Yojana
- ✓ 4.

Mahatma Gandhi National Rural Employment Guarantee Scheme

Question ID : **9489113643**
Option 1 ID : **94891114569**
Option 2 ID : **94891114570**
Option 3 ID : **94891114571**
Option 4 ID : **94891114572**
Status : **Answered**
Chosen Option : **4**

Q.18 Where is the headquarters of the Reserve Bank of India located?

Ans
- ✗ 1. Chennai
- ✓ 2. Mumbai
- ✗ 3. Kolkata
- ✗ 4. New Delhi

Question ID : **9489113641**
Option 1 ID : **94891114564**
Option 2 ID : **94891114563**
Option 3 ID : **94891114562**
Option 4 ID : **94891114561**
Status : **Answered**
Chosen Option : **2**

Q.19 What does a Hygrometer measure?

Ans
- ✓ 1. Humidity
- ✗ 2. Heat
- ✗ 3. Radiation
- ✗ 4. Force

Question ID : **9489113612**
Option 1 ID : **94891114448**
Option 2 ID : **94891114445**
Option 3 ID : **94891114446**
Option 4 ID : **94891114447**
Status : **Answered**
Chosen Option : **1**

Q.20 Which of the following missile developed by DRDO is an air-to-air missile?

Ans
- ✗ 1. Akash
- ✗ 2. Prithvi
- ✔ 3. Astra
- ✗ 4. Agni

Question ID : **9489113630**
Option 1 ID : **94891114517**
Option 2 ID : **94891114519**
Option 3 ID : **94891114518**
Option 4 ID : **94891114520**
Status : **Answered**
Chosen Option : **1**

Q.21 Which river flows through London?

Ans
- ✗ 1. Rhine
- ✗ 2. Potomac
- ✗ 3. Hudson
- ✔ 4. Thames

Question ID : **9489113622**
Option 1 ID : **94891114486**
Option 2 ID : **94891114488**
Option 3 ID : **94891114485**
Option 4 ID : **94891114487**
Status : **Answered**
Chosen Option : **4**

Q.22 If all the numbers are dropped from the given arrangement, which of the following will be the ninth to the left of S?

2 R Q 4 A 5 $ I ^ 9 R # E % 8 S * P

Ans
- ✗ 1. A
- ✗ 2. $
- ✔ 3. Q
- ✗ 4. I

Question ID : **9489113599**
Option 1 ID : **94891114395**
Option 2 ID : **94891114394**
Option 3 ID : **94891114393**
Option 4 ID : **94891114396**
Status : **Answered**
Chosen Option : **3**

Q.23 Which of the following birds is a critically endangered species?

Ans   ✗ 1. Crow

     ✗ 2. Cuckoo

     ✔ 3. Great Indian Bustard

     ✗ 4. Peacock

Question ID : **9489113613**
Option 1 ID : **94891114451**
Option 2 ID : **94891114452**
Option 3 ID : **94891114450**
Option 4 ID : **94891114449**
Status : **Answered**
Chosen Option : **3**

Q.24 Where was the last Earth Summit held?

Ans   ✗ 1. Kyoto

     ✔ 2. Rio de Janeiro

     ✗ 3. Johannesburg

     ✗ 4. Doha

Question ID : **9489113635**
Option 1 ID : **94891114539**
Option 2 ID : **94891114537**
Option 3 ID : **94891114540**
Option 4 ID : **94891114538**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.25 Two poles, 15 m and 30 m in height, stand upright in a playground. If their feet are 36 m apart, then find the distance between their tops.

Ans   ✗ 1. 41 m

     ✔ 2. 39 m

     ✗ 3. 40 m

     ✗ 4. 38 m

Question ID : **9489114770**
Option 1 ID : **94891119079**
Option 2 ID : **94891119080**
Option 3 ID : **94891119077**
Option 4 ID : **94891119078**
Status : **Answered**
Chosen Option : **2**

Q.26 How many numbers lie between the largest three-digit number and the largest four-digit number which are divisible by 5?

Ans

❌ 1. 1900

❌ 2. 1700

✔️ 3. 1800

❌ 4. 2000

Question ID : **9489114752**
Option 1 ID : **94891119007**
Option 2 ID : **94891119006**
Option 3 ID : **94891119005**
Option 4 ID : **94891119008**
Status : **Answered**
Chosen Option : **3**

Q.27 An electric pole casts a shadow of length 28 m at a time when a near by tree 8 m high casts a shadow of length 14 m. Find the height of the pole.

Ans

✔️ 1. 16 m

❌ 2. 14 m

❌ 3. 20 m

❌ 4. 15 m

Question ID : **9489114755**
Option 1 ID : **94891119019**
Option 2 ID : **94891119020**
Option 3 ID : **94891119018**
Option 4 ID : **94891119017**
Status : **Answered**
Chosen Option : **1**

Q.28 If 9, x, x, 49 are in proportion, then find the value of x.

Ans

❌ 1. 18

❌ 2. 98

❌ 3. 58

✔️ 4. 21

Question ID : **9489114754**
Option 1 ID : **94891119014**
Option 2 ID : **94891119015**
Option 3 ID : **94891119016**
Option 4 ID : **94891119013**
Status : **Answered**
Chosen Option : **4**

Q.29 If $x = \dfrac{\sqrt{3}+1}{\sqrt{3}-1}$ and $y = \dfrac{\sqrt{3}-1}{\sqrt{3}+1}$, then find the value of $x^2 + y^2$.

Ans
- ✗ 1. 10
- ✗ 2. 16
- ✔ 3. 14
- ✗ 4. 12

Question ID : **9489114766**
Option 1 ID : **94891119063**
Option 2 ID : **94891119062**
Option 3 ID : **94891119064**
Option 4 ID : **94891119061**
Status : **Answered**
Chosen Option : **3**

Q.30 Which freedom fighter started the newspaper Al-Hilal?

Ans
- ✗ 1. Maulana Shaukat Ali
- ✔ 2. Maulana Abul Kalam Azad
- ✗ 3. Chaudhry Khaleequzzaman
- ✗ 4. Hakim Ajmal Khan

Question ID : **9489113618**
Option 1 ID : **94891114469**
Option 2 ID : **94891114471**
Option 3 ID : **94891114470**
Option 4 ID : **94891114472**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

Q.31 Which of the following is NOT a 'grassland'?

Ans
- ✗ 1. Savanna
- ✔ 2. Fen
- ✗ 3. Steppe
- ✗ 4. Prairie

Question ID : **9489113625**
Option 1 ID : **94891114498**
Option 2 ID : **94891114497**
Option 3 ID : **94891114500**
Option 4 ID : **94891114499**
Status : **Answered**
Chosen Option : **2**

Q.32 In which city is Buland Darwaza located?

Ans ✗ 1. Hyderabad

✔ 2. Fatehpur Sikri

✗ 3. Chittorgarh

✗ 4. Delhi

Question ID : **9489113608**
Option 1 ID : **94891114431**
Option 2 ID : **94891114432**
Option 3 ID : **94891114429**
Option 4 ID : **94891114430**
Status : **Answered**
Chosen Option : **2**

Q.33 The traffic lights at three different road crossings change after every 48 seconds, 72 seconds and 108 seconds, respectively. If they all change simultaneously at 8:20 hours, then at what time will they again change simultaneously?

Ans ✗ 1. 8:29:17 hours

✗ 2. 8:28:14 hours

✔ 3. 8:27:12 hours

✗ 4. 8:25:15 hours

Question ID : **9489114750**
Option 1 ID : **94891119000**
Option 2 ID : **94891118999**
Option 3 ID : **94891118997**
Option 4 ID : **94891118998**
Status : **Answered**
Chosen Option : **3**

Q.34 Who is popular for designing the Indian Flag?

Ans ✗ 1. Mahatma Gandhi

✔ 2. Pingali Venkayya

✗ 3. Bal Gangadhar Tilak

✗ 4. Lala Hansraj

Question ID : **9489113604**
Option 1 ID : **94891114413**
Option 2 ID : **94891114414**
Option 3 ID : **94891114416**
Option 4 ID : **94891114415**
Status : **Answered**
Chosen Option : **2**

Q.35 Lovely calculates his profit percentage on selling price, whereas Bunty calculates his on the cost price. They find that the difference in their profits is ₹100. If their selling price is the same, and both of them get a profit of 25%, then what is the selling price?

Ans ✗ 1. ₹4,000

✗ 2. ₹3,000

✗ 3. ₹2,500

✔ 4. ₹2,000

Question ID : **9489114760**
Option 1 ID : **94891119040**
Option 2 ID : **94891119037**
Option 3 ID : **94891119039**
Option 4 ID : **94891119038**
Status : **Answered**
Chosen Option : **4**

Q.36 Where is the headquarters of the National Institute of Oceanography located?

Ans ✔ 1. Goa

✗ 2. Vishakhapatnam

✗ 3. Chennai

✗ 4. Mangalore

Question ID : **9489113632**
Option 1 ID : **94891114528**
Option 2 ID : **94891114527**
Option 3 ID : **94891114525**
Option 4 ID : **94891114526**
Status : **Answered**
Chosen Option : **1**

Q.37 A cord is in the form of a square enclosing an area of 22 cm^2. If the same cord is formed into a circle, then find the area enclosed by that circle. [Take $\pi = \frac{22}{7}$]

Ans ✗ 1. 26 cm^2

✗ 2. 20 cm^2

✔ 3. 28 cm^2

✗ 4. 30 cm^2

Question ID : **9489114765**
Option 1 ID : **94891119058**
Option 2 ID : **94891119057**
Option 3 ID : **94891119059**
Option 4 ID : **94891119060**
Status : **Answered**
Chosen Option : **3**

Q.38 Select the option that will fill in the blank and complete the series.

PE_{11}, QD_2, RC_9, SB_4 , ___

Ans   ✗ 1. RA_6

      ✔ 2. TA_7

      ✗ 3. BA_7

      ✗ 4. TA_6

Question ID : **9489113588**
Option 1 ID : **94891114351**
Option 2 ID : **94891114352**
Option 3 ID : **94891114349**
Option 4 ID : **94891114350**
Status : **Answered**
Chosen Option : **2**

Q.39 Select the option that will fill in the blank and complete the series.

XII, V, X, __, VIII, CXXV

Ans   ✗ 1. XXVI

      ✗ 2. XII

      ✔ 3. XXV

      ✗ 4. XX

Question ID : **9489113587**
Option 1 ID : **94891114348**
Option 2 ID : **94891114346**
Option 3 ID : **94891114347**
Option 4 ID : **94891114345**
Status : **Answered**
Chosen Option : **3**

Q.40 Who won the purple cap for the maximum number of wickets in IPL 2020?

Ans   ✗ 1. Lasith Malinga

      ✔ 2. Kagiso Rabada

      ✗ 3. Yuzvendra Chahal

      ✗ 4. Pat Cummins

Question ID : **9489113605**
Option 1 ID : **94891114419**
Option 2 ID : **94891114420**
Option 3 ID : **94891114418**
Option 4 ID : **94891114417**
Status : **Answered**
Chosen Option : **3**

Q.41 Find the values of p and q when $px^3 + x^2 - 2x - q$ is exactly divisible by $(x - 1)$ and $(x + 1)$.

Ans

✔ 1. p = 2 and q = 1

✘ 2. p = 1 and q = 0

✘ 3. p = 1 and q = 2

✘ 4. p = 0 and q = 1

Question ID : **9489114767**
Option 1 ID : **94891119065**
Option 2 ID : **94891119068**
Option 3 ID : **94891119066**
Option 4 ID : **94891119067**
Status : **Answered**
Chosen Option : **1**

Q.42 What does the abbreviation SAARC stand for?

Ans

✘ 1. South Australian Asian Regional Cooperation

✘ 2. South Asian African Railway Corporation

✘ 3. South American African Regional Conference

✔ 4. South Asian Association for Regional Cooperation

Question ID : **9489113606**
Option 1 ID : **94891114424**
Option 2 ID : **94891114422**
Option 3 ID : **94891114423**
Option 4 ID : **94891114421**
Status : **Answered**
Chosen Option : **4**

Q.43 Which is the last satellite launched by ISRO in year 2020?

Ans

✔ 1. CMS-01

✘ 2. Astrosat

✘ 3. Gaganyaan

✘ 4. Chandrayaan – 2

Question ID : **9489113631**
Option 1 ID : **94891114524**
Option 2 ID : **94891114522**
Option 3 ID : **94891114523**
Option 4 ID : **94891114521**
Status : **Answered**
Chosen Option : **2**

Q.44 In which year was the Export-Import (EXIM) Bank of India established?

Ans   ✗ 1. 1998

     ✓ 2. 1982

     ✗ 3. 2004

     ✗ 4. 1984

Question ID : **9489113642**
Option 1 ID : **94891114567**
Option 2 ID : **94891114565**
Option 3 ID : **94891114568**
Option 4 ID : **94891114566**
Status : **Answered**
Chosen Option : **1**

Q.45 Simplify the expression $\left(\sqrt{81} + \sqrt{0.81} + \sqrt{0.0081}\right)\sqrt{10000}$.

Ans   ✗ 1. 9.99

     ✗ 2. 99.9

     ✓ 3. 999

     ✗ 4. 0.999

Question ID : **9489114745**
Option 1 ID : **94891118977**
Option 2 ID : **94891118978**
Option 3 ID : **94891118979**
Option 4 ID : **94891118980**
Status : **Answered**
Chosen Option : **3**

Q.46 Which of the following is NOT a volcano?

Ans   ✓ 1. Mont Blanc

     ✗ 2. Mount Vesuvius

     ✗ 3. Cotopaxi

     ✗ 4. Mount Etna

Question ID : **9489113626**
Option 1 ID : **94891114503**
Option 2 ID : **94891114502**
Option 3 ID : **94891114504**
Option 4 ID : **94891114501**
Status : **Answered**
Chosen Option : **1**

Q.47 The HCF and LCM of two numbers are 44 and 264, respectively. If the first number is divided by 2, then the quotient is 44. What is the second number?

Ans   ✗ 1. 134

     ✓ 2. 132

     ✗ 3. 130

     ✗ 4. 136

Question ID : **9489114749**
Option 1 ID : **94891118994**
Option 2 ID : **94891118993**
Option 3 ID : **94891118995**
Option 4 ID : **94891118996**
Status : **Answered**
Chosen Option : **2**

Q.48 Which Indian born Scottish inventor pioneered the development of the cash machine also called Automated Teller Machine (ATM)?

Ans   ✗ 1. James Goodfellow

     ✗ 2. Luther Wetzel

     ✓ 3. John Shepherd-Barron

     ✗ 4. Donald Harrier

Question ID : **9489113607**
Option 1 ID : **94891114425**
Option 2 ID : **94891114427**
Option 3 ID : **94891114426**
Option 4 ID : **94891114428**
Status : **Not Answered**
Chosen Option : **--**

Q.49 Find the HCF of $\frac{54}{9}$, $3\frac{9}{17}$ and $\frac{36}{51}$.

Ans   ✗ 1. $\frac{5}{17}$

     ✓ 2. $\frac{6}{17}$

     ✗ 3. $\frac{7}{17}$

     ✗ 4. $\frac{8}{17}$

Question ID : **9489114748**
Option 1 ID : **94891118989**
Option 2 ID : **94891118990**
Option 3 ID : **94891118991**
Option 4 ID : **94891118992**
Status : **Answered**
Chosen Option : **2**

Q.50 A boy was set to multiply 495 by 36, but reading one of the digits in the question erroneously, he obtained 16740 as his answer. Which digit did he read erroneously?

Ans
✔ 1. 9
✘ 2. 8
✘ 3. 2
✘ 4. 7

Question ID : **9489114751**
Option 1 ID : **94891119001**
Option 2 ID : **94891119002**
Option 3 ID : **94891119004**
Option 4 ID : **94891119003**
Status : **Not Attempted and Marked For Review**
Chosen Option : --

Q.51 A man buys two tables for ₹1,350. He sells one with a loss of 6%, and sells the other to gain $7\frac{1}{2}$%. Overall, he neither loses nor gains. What is the difference between the cost price of the two tables?

Ans
✘ 1. ₹50
✘ 2. ₹125
✘ 3. ₹100
✔ 4. ₹150

Question ID : **9489114759**
Option 1 ID : **94891119034**
Option 2 ID : **94891119036**
Option 3 ID : **94891119035**
Option 4 ID : **94891119033**
Status : **Answered**
Chosen Option : **4**

Q.52 Which of the following rivers of India flows from east to west?

Ans
✘ 1. Mahanadi
✘ 2. Godavari
✔ 3. Narmada
✘ 4. Tungabhadra

Question ID : **9489113623**
Option 1 ID : **94891114492**
Option 2 ID : **94891114491**
Option 3 ID : **94891114490**
Option 4 ID : **94891114489**
Status : **Answered**
Chosen Option : **3**

Q.53 Which was the first state in India to have a communist government?

Ans
- ✗ 1. West Bengal
- ✔ 2. Kerala
- ✗ 3. Tripura
- ✗ 4. Sikkim

Question ID : **9489113627**
Option 1 ID : **94891114506**
Option 2 ID : **94891114507**
Option 3 ID : **94891114508**
Option 4 ID : **94891114505**
Status : **Answered**
Chosen Option : **2**

Q.54 A contractor employs 45 men to dig a canal, 12 km long, in 350 days. After 200 days, he finds that only 4.5 km of the canal has been completed. Find the number of extra men he must employ in order to complete the work on time.

Ans
- ✔ 1. 55
- ✗ 2. 50
- ✗ 3. 35
- ✗ 4. 45

Question ID : **9489114761**
Option 1 ID : **94891119043**
Option 2 ID : **94891119041**
Option 3 ID : **94891119044**
Option 4 ID : **94891119042**
Status : **Answered**
Chosen Option : **1**

Q.55 Harsh is the son of Ajeet. Vinita is the wife of Ajeet. Ajay is the brother of Harsh. Neha is the only daughter of Ajay and Kavita.

How is Vinita related to Neha?

Ans
- ✗ 1. Father's Sister
- ✗ 2. Mother
- ✔ 3. Father's mother
- ✗ 4. Sister

Question ID : **9489113574**
Option 1 ID : **94891114296**
Option 2 ID : **94891114293**
Option 3 ID : **94891114294**
Option 4 ID : **94891114295**
Status : **Answered**
Chosen Option : **3**

Q.56 Select the option that will fill in the blank and complete the series.

6, 44, 9, 42, ___, 40

Ans

✗ 1. 41

✗ 2. 15

✔ 3. 12

✗ 4. 46

Question ID : **9489113584**
Option 1 ID : **94891114333**
Option 2 ID : **94891114336**
Option 3 ID : **94891114335**
Option 4 ID : **94891114334**
Status : **Answered**
Chosen Option : **3**

Q.57 Who wrote the play 'Mudrarakshasa'?

Ans

✗ 1. Somadeva

✗ 2. Bodhayan

✗ 3. Kalidas

✔ 4. Vishakhadatta

Question ID : **9489113609**
Option 1 ID : **94891114436**
Option 2 ID : **94891114434**
Option 3 ID : **94891114433**
Option 4 ID : **94891114435**
Status : **Answered**
Chosen Option : **4**

Q.58 Who was the first Chief Election Commissioner of India?

Ans

✗ 1. Nagendra Singh

✔ 2. Sukumar Sen

✗ 3. RVS Peri Shastri

✗ 4. TN Seshan

Question ID : **9489113628**
Option 1 ID : **94891114511**
Option 2 ID : **94891114510**
Option 3 ID : **94891114512**
Option 4 ID : **94891114509**
Status : **Answered**
Chosen Option : **2**

Q.59 Find the compound interest on a sum of ₹25,000, for three years, if the rate of interest is 4% p.a. for the first year, 5% p.a. for the second year and 6% p.a. for the third year.

Ans ✗ 1. ₹5,938

✔ 2. ₹3,938

✗ 3. ₹6,038

✗ 4. ₹4,938

Question ID : **9489114758**
Option 1 ID : **94891119031**
Option 2 ID : **94891119030**
Option 3 ID : **94891119032**
Option 4 ID : **94891119029**
Status : **Answered**
Chosen Option : **2**

Q.60 In a consignment of electric bulbs, 4% were broken and from the remainder, 25% were found to be defective. If the total number of broken and defective bulbs is 112, then find the number of bulbs in the consignment.

Ans ✗ 1. 500

✗ 2. 600

✔ 3. 400

✗ 4. 700

Question ID : **9489114756**
Option 1 ID : **94891119024**
Option 2 ID : **94891119021**
Option 3 ID : **94891119022**
Option 4 ID : **94891119023**
Status : **Answered**
Chosen Option : **3**

Q.61 As of October 2020, who was the Chairman of the Securities and Exchange Board of India (SEBI)?

Ans ✗ 1. M Damodaran

✗ 2. UK Sinha

✔ 3. Ajay Tyagi

✗ 4. DR Mehta

Question ID : **9489113640**
Option 1 ID : **94891114559**
Option 2 ID : **94891114557**
Option 3 ID : **94891114558**
Option 4 ID : **94891114560**
Status : **Answered**
Chosen Option : **3**

Q.62 Which of the following languages does NOT enjoy the status of a Scheduled language of India?

Ans ✗ 1. Nepali

✔ 2. Garhwali

✗ 3. Dogri

✗ 4. Maithili

Question ID : **9489113629**
Option 1 ID : **94891114515**
Option 2 ID : **94891114513**
Option 3 ID : **94891114514**
Option 4 ID : **94891114516**
Status : **Answered**
Chosen Option : **2**

Q.63 Find the value of m in $\left(\frac{2}{7}\right)^{-3} \times \left(\frac{2}{7}\right)^{-5} = \left(\frac{2}{7}\right)^{-3m+1}$.

Ans ✗ 1. 5

✔ 2. 3

✗ 3. −2

✗ 4. −3

Question ID : **9489114747**
Option 1 ID : **94891118988**
Option 2 ID : **94891118987**
Option 3 ID : **94891118985**
Option 4 ID : **94891118986**
Status : **Answered**
Chosen Option : **2**

Q.64 If one envelope requires a paper size of 18 cm × 12 cm, then how many envelopes can be made out of a sheet of paper of size 72 cm × 48 cm?

Ans ✔ 1. 16

✗ 2. 4

✗ 3. 8

✗ 4. 12

Question ID : **9489114764**
Option 1 ID : **94891119056**
Option 2 ID : **94891119053**
Option 3 ID : **94891119054**
Option 4 ID : **94891119055**
Status : **Answered**
Chosen Option : **1**

Q.65 Find the sum of the median and mode of the given data.

28, 25, 35, 18, 38, 16, 20, 25.

Ans
✓ 1. 50
✗ 2. 35
✗ 3. 25
✗ 4. 38

Question ID : **9489114773**
Option 1 ID : **94891119089**
Option 2 ID : **94891119092**
Option 3 ID : **94891119090**
Option 4 ID : **94891119091**
Status : **Answered**
Chosen Option : **3**

Q.66 Some amount out of ₹7,000 was lent at 6% p.a. and the remaining at 4% p.a. If the total simple interest received on the amount of ₹7,000 in 5 years was ₹1,600, then find the amount that was lent at 6% p.a.

Ans
✗ 1. ₹3,000
✗ 2. ₹5,000
✗ 3. ₹4,000
✓ 4. ₹2,000

Question ID : **9489114757**
Option 1 ID : **94891119026**
Option 2 ID : **94891119028**
Option 3 ID : **94891119027**
Option 4 ID : **94891119025**
Status : **Answered**
Chosen Option : **4**

Q.67 Who was the founder President of the Indian National Congress?

Ans
✗ 1. Surendra Nath Bannerjee
✗ 2. Dada Bhai Naoroji
✗ 3. George Yule
✓ 4. Wyomesh Chandra Bannerjee

Question ID : **9489113617**
Option 1 ID : **94891114466**
Option 2 ID : **94891114467**
Option 3 ID : **94891114468**
Option 4 ID : **94891114465**
Status : **Answered**
Chosen Option : **4**

Q.68 Which of the following is NOT a component of the Microsoft Office 2019 package?

Ans

✗ 1. OneNote

✗ 2. Outlook

✗ 3. Excel

✓ 4. Keynote

Question ID : **9489113637**
Option 1 ID : **94891114546**
Option 2 ID : **94891114547**
Option 3 ID : **94891114545**
Option 4 ID : **94891114548**
Status : **Answered**
Chosen Option : **4**

Q.69 Who among the following was NOT associated with the revolutionary organization 'Anushilan Samiti'?

Ans

✗ 1. Barindrakumar Ghosh

✗ 2. Bhupendra nath Dutta

✓ 3. Rajendra Lahiri

✗ 4. Jatindra nath Bannerji

Question ID : **9489113619**
Option 1 ID : **94891114474**
Option 2 ID : **94891114476**
Option 3 ID : **94891114473**
Option 4 ID : **94891114475**
Status : **Not Answered**
Chosen Option : **--**

Q.70

If $\frac{3\sqrt{2} - 2\sqrt{3}}{3\sqrt{2} + 2\sqrt{3}} = a + b\sqrt{6}$, then find the value of b.

Ans

✗ 1. -5

✗ 2. 5

✗ 3. 2

✓ 4. -2

Question ID : **9489114753**
Option 1 ID : **94891119012**
Option 2 ID : **94891119011**
Option 3 ID : **94891119009**
Option 4 ID : **94891119010**
Status : **Answered**
Chosen Option : **4**

Q.71 A question is given followed by two arguments. Decide which of the arguments is/are strong with respect to the question.

Question:

Should there be no uniform for school children like college students?

Arguments:

I. Yes, students should be given freedom to wear the clothes of their choice.
II. No, Uniform helps to create discipline and equality among students.

Ans

✗ 1. Neither I nor II is strong.

✗ 2. Only argument I is strong.

✔ 3. Both the arguments are strong.

✗ 4. Only argument II is strong.

Question ID : **9489113581**
Option 1 ID : **94891114324**
Option 2 ID : **94891114321**
Option 3 ID : **94891114323**
Option 4 ID : **94891114322**
Status : **Answered**
Chosen Option : **4**

Q.72 The area of a trapezium is 540 m^2. If the parallel sides are 30 m and 24 m in length, then find the distance between them.

Ans

✔ 1. 20 m

✗ 2. 22 m

✗ 3. 24 m

✗ 4. 25 m

Question ID : **9489114768**
Option 1 ID : **94891119069**
Option 2 ID : **94891119070**
Option 3 ID : **94891119071**
Option 4 ID : **94891119072**
Status : **Answered**
Chosen Option : **1**

Q.73 Two trains start from Delhi and Patna, and travel towards Patna and Delhi, respectively. After passing each other, they take 4 h 48 min and 3 h 20 min to reach Patna and Delhi, respectively. If the train starting from Delhi is moving at a speed of 45 km/h, then find the speed of the other train.

Ans

✗ 1. 55 km/h

✗ 2. 50 km/h

✔ 3. 54 km/h

✗ 4. 52 km/h

Question ID : **9489114763**
Option 1 ID : **94891119052**
Option 2 ID : **94891119049**
Option 3 ID : **94891119051**
Option 4 ID : **94891119050**
Status : **Answered**
Chosen Option : **3**

Q.74 Which of the following ports lies on the east coast of India?

Ans
✗ 1. Kandla

✗ 2. Kochi

✗ 3. Nhava Sheva

✔ 4. Tuticorin

Question ID : **9489113639**
Option 1 ID : **94891114554**
Option 2 ID : **94891114555**
Option 3 ID : **94891114556**
Option 4 ID : **94891114553**
Status : **Answered**
Chosen Option : **4**

Q.75 A man covers a certain distance between his house and his office on a scooter. At an average speed of 30 km/h, he is late by 10 min. However, at a speed of 40 km/h he reaches his office 5 min earlier. Find the distance between his house and his office.

Ans
✔ 1. 30 km

✗ 2. 35 km

✗ 3. 20 km

✗ 4. 40 km

Question ID : **9489114762**
Option 1 ID : **94891119045**
Option 2 ID : **94891119048**
Option 3 ID : **94891119046**
Option 4 ID : **94891119047**
Status : **Answered**
Chosen Option : **1**

Q.76 Consider the given statement and decide which of the given assumptions is/are implicit in the statement.

Statement:
X tells Y, "If you need to grow the sales of your company, you should advertise in the newspaper 'A'.
Assumptions:

I: Newspaper A has a more extensive circulation than other newspapers.
II: Sales of Y's company are down.

Ans
✗ 1. Only assumption II is implicit.

✗ 2. Both assumption I and II are implicit.

✔ 3. Neither assumption I nor II is implicit.

✗ 4. Only assumption I is implicit.

Question ID : **9489113582**
Option 1 ID : **94891114326**
Option 2 ID : **94891114328**
Option 3 ID : **94891114327**
Option 4 ID : **94891114325**
Status : **Answered**
Chosen Option : **2**

Q.77 If $(2.1 \times 2.1) - (2 \times a \times 2.1) + (0.6 \times 0.6) = 1.5^2$, then find the value of a.

Ans ✔ 1. 0.6

✘ 2. 2.1

✘ 3. 0.62

✘ 4. 1.5

Question ID : **9489114744**
Option 1 ID : **94891118975**
Option 2 ID : **94891118974**
Option 3 ID : **94891118976**
Option 4 ID : **94891118973**
Status : **Answered**
Chosen Option : **1**

Q.78 Choose the word that is different from the other three.

Ans ✔ 1. Hand

✘ 2. Kidney

✘ 3. Liver

✘ 4. Heart

Question ID : **9489113594**
Option 1 ID : **94891114375**
Option 2 ID : **94891114373**
Option 3 ID : **94891114374**
Option 4 ID : **94891114376**
Status : **Answered**
Chosen Option : **1**

Q.79 Select the option that will fill in the blank and complete the series.

$\frac{1}{16}, \frac{1}{4}, 1, \_\_, 16$

Ans ✘ 1. $\frac{1}{8}$

✔ 2. 4

✘ 3. $\frac{1}{12}$

✘ 4. 8

Question ID : **9489113583**
Option 1 ID : **94891114329**
Option 2 ID : **94891114331**
Option 3 ID : **94891114330**
Option 4 ID : **94891114332**
Status : **Answered**
Chosen Option : **2**

Q.80 Find the mean of the given data.

Data	10	15	20	25	30	40	45
Frequency	2	4	3	7	6	3	5

Ans
✔ 1. 28
✘ 2. 26
✘ 3. 30
✘ 4. 32

Question ID : **9489114772**
Option 1 ID : **94891119085**
Option 2 ID : **94891119088**
Option 3 ID : **94891119086**
Option 4 ID : **94891119087**
Status : **Answered**
Chosen Option : **1**

Q.81 Which of the following is NOT an 'operating system'?

Ans
✘ 1. Ubuntu
✘ 2. Android
✔ 3. Tally
✘ 4. Mint

Question ID : **9489113638**
Option 1 ID : **94891114550**
Option 2 ID : **94891114549**
Option 3 ID : **94891114551**
Option 4 ID : **94891114552**
Status : **Answered**
Chosen Option : **3**

Q.82 Brassica Campestris is the botanical name of which plant?

Ans
✔ 1. Field mustard
✘ 2. Common wheat
✘ 3. Buckwheat
✘ 4. Corn

Question ID : **9489113616**
Option 1 ID : **94891114462**
Option 2 ID : **94891114461**
Option 3 ID : **94891114464**
Option 4 ID : **94891114463**
Status : **Not Answered**
Chosen Option : **--**

Q.83 Which of the following revolutionary journals was NOT published abroad?

Ans
- ✗ 1. Talvar
- ✗ 2. Indian Sociologist
- ✔ 3. Yugantar
- ✗ 4. Free Hindustan

Question ID : **9489113621**
Option 1 ID : **94891114482**
Option 2 ID : **94891114481**
Option 3 ID : **94891114484**
Option 4 ID : **94891114483**
Status : **Not Answered**
Chosen Option : **--**

Q.84 Which of the following indicates 'Some hard workers are smart workers'?

Ans
- ✗ 1. All hard workers are smart workers.
- ✗ 2. All smart workers are hard workers.
- ✗ 3. No smart workers are hard workers.
- ✔ 4. Some smart workers are not hard workers.

Question ID : **9489113576**
Option 1 ID : **94891114302**
Option 2 ID : **94891114301**
Option 3 ID : **94891114304**
Option 4 ID : **94891114303**
Status : **Answered**
Chosen Option : **2**

Q.85 The angle of elevation from a point on the ground, 120 m away from the foot of a tower, is $60°$. Find the height of the tower.

Ans
- ✗ 1. $\dfrac{120}{\sqrt{3}}$ m
- ✗ 2. $\dfrac{100}{\sqrt{3}}$ m
- ✗ 3. $100\sqrt{3}$ m
- ✔ 4. $120\sqrt{3}$ m

Question ID : **9489114771**
Option 1 ID : **94891119082**
Option 2 ID : **94891119084**
Option 3 ID : **94891119081**
Option 4 ID : **94891119083**
Status : **Answered**
Chosen Option : **4**

Q.86

Sports Type	No. of Sports Participants	Total Male (%)	Total Female (%)	Selected Male (%)	Selected Female (%)
Swimming	350	40	60	10	6
Football	500	80	20	12	10
Cricket	1020	60	40	10	8
Basketball	380	50	50	20	8
Volleyball	700	30	70	6	12

The above table gives details of the number of participants and the selected participants for different sports at a sports event trial.

How many females were selected for football?

Ans

✗ 1. 19

✗ 2. 20

✔ 3. 10

✗ 4. 08

Question ID : **9489113589**
Option 1 ID : **94891114355**
Option 2 ID : **94891114354**
Option 3 ID : **94891114353**
Option 4 ID : **94891114356**
Status : **Answered**
Chosen Option : **3**

Q.87

Sports Type	No. of Sports Participants	Total Male (%)	Total Female (%)	Selected Male (%)	Selected Female (%)
Swimming	350	40	60	10	6
Football	500	80	20	12	10
Cricket	1020	60	40	10	8
Basketball	380	50	50	20	8
Volleyball	700	30	70	6	12

The above table gives details of the number of participants and the selected participants for different sports at a sports event trial.

What is the ratio of selected male participants for basketball to selected male participants for swimming?

Ans

✗ 1. 10 : 8

✗ 2. 38 : 40

✔ 3. 19 : 7

✗ 4. 38 : 35

Question ID : **9489113590**
Option 1 ID : **94891114357**
Option 2 ID : **94891114360**
Option 3 ID : **94891114359**
Option 4 ID : **94891114358**
Status : **Answered**
Chosen Option : **3**

Q.88

Sports Type	No. of Sports Participants	Total Male (%)	Total Female (%)	Selected Male (%)	Selected Female (%)
Swimming	350	40	60	10	6
Football	500	80	20	12	10
Cricket	1020	60	40	10	8
Basketball	380	50	50	20	8
Volleyball	700	30	70	6	12

The above table gives details of the number of participants and the selected participants for different sports at a sports event trial.

Total number of female participant in volleyball is approximately what percentage of total number of male participants in cricket?

Ans
✔ 1. 80%
✘ 2. 64%
✘ 3. 90%
✘ 4. 56%

Question ID : **9489113591**
Option 1 ID : **94891114363**
Option 2 ID : **94891114364**
Option 3 ID : **94891114361**
Option 4 ID : **94891114362**
Status : **Answered**
Chosen Option : **1**

Q.89

Sports Type	No. of Sports Participants	Total Male (%)	Total Female (%)	Selected Male (%)	Selected Female (%)
Swimming	350	40	60	10	6
Football	500	80	20	12	10
Cricket	1020	60	40	10	8
Basketball	380	50	50	20	8
Volleyball	700	30	70	6	12

The above table gives details of the number of participants and the selected participants for different sports at a sports event trial.

If 9000 sports persons had participated in cricket and 8000 had participated in volleyball, using the same percentages given in the table, what will be the ratio of female participants selected in cricket to volleyball?

Ans
✘ 1. 5 : 14
✘ 2. 5 : 4
✘ 3. 12 : 19
✔ 4. 3 : 7

Question ID : **9489113592**
Option 1 ID : **94891114368**
Option 2 ID : **94891114366**
Option 3 ID : **94891114367**
Option 4 ID : **94891114365**
Status : **Answered**
Chosen Option : **4**

Q.90 If 1 is the code for B, what will be the code for PEANUT?

Ans ✔ 1. 1540132019

✗ 2. 1613204019

✗ 3. 1640201319

✗ 4. 151602019

Question ID : **9489113575**
Option 1 ID : **94891114297**
Option 2 ID : **94891114300**
Option 3 ID : **94891114299**
Option 4 ID : **94891114298**
Status : **Answered**
Chosen Option : **1**

Q.91 Study the given pattern carefully and select the number from among the given options that can replace the question mark (?).

202	
3	6
4	5
6	10
8	?

Ans ✔ 1. 13

✗ 2. 7

✗ 3. 9

✗ 4. 11

Question ID : **9489113602**
Option 1 ID : **94891114408**
Option 2 ID : **94891114405**
Option 3 ID : **94891114406**
Option 4 ID : **94891114407**
Status : **Answered**
Chosen Option : **1**

Q.92 Select the option in which the words do NOT share the same relationship as that shared by the given group of words.

Patient : Surgeon : Surgery

Ans ✔ 1. Chalk : Teacher : Students

✗ 2. Cloth : Tailor : Stitch

✗ 3. Vegetables : Chef : Cook

✗ 4. Clay : Potter : Pottery

Question ID : **9489113578**
Option 1 ID : **94891114310**
Option 2 ID : **94891114309**
Option 3 ID : **94891114312**
Option 4 ID : **94891114311**
Status : **Answered**
Chosen Option : **2**

Q.93 Select the option that will fill in the blank and complete the series.

CDC EFE GHG ____

Ans ✗ 1. GHI

✗ 2. GIJ

✔ 3. IJI

✗ 4. IJK

Question ID : **9489113586**
Option 1 ID : **94891114341**
Option 2 ID : **94891114344**
Option 3 ID : **94891114342**
Option 4 ID : **94891114343**
Status : **Answered**
Chosen Option : **3**

Q.94 In a certain code language, GOLDEN CIRCLE is written as 715124514 39183125. How will ENGLAND be written as in that language?

Ans ✗ 1. 5147112114

✗ 2. 5174121144

✗ 3. 5174111114

✔ 4. 5147121144

Question ID : **9489113580**
Option 1 ID : **94891114319**
Option 2 ID : **94891114320**
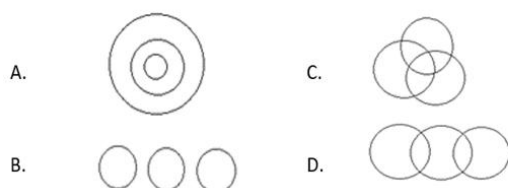Option 3 ID : **94891114318**
Option 4 ID : **94891114317**
Status : **Answered**
Chosen Option : **4**

Q.95 Select the Venn diagram from among the given options that best represents the relationship between the following classes.

Girls, Students, Professional performers

A.

C.

B.

D.

Ans ✗ 1. Diagram D

✗ 2. Diagram B

✗ 3. Diagram A

✔ 4. Diagram C

Question ID : **9489113598**
Option 1 ID : **94891114392**
Option 2 ID : **94891114390**
Option 3 ID : **94891114389**
Option 4 ID : **94891114391**
Status : **Answered**
Chosen Option : **4**

Q.96 In a certain code language, Sun is written as Earth, Earth is written as Mercury, Mercury is written as Venus, Mars is written as Sun and Venus is written as Mars. How will 'Venus lies between Mercury and Earth' be written as in that language?

Ans

✗ 1. Mars lies between Earth and Sun

✗ 2. Mercury lies between Earth and Sun

✗ 3. Mercury lies between Venus and Mars

✓ 4. Mars lies between Venus and Mercury

Question ID : **9489113579**
Option 1 ID : **94891114313**
Option 2 ID : **94891114315**
Option 3 ID : **94891114314**
Option 4 ID : **94891114316**
Status : **Answered**
Chosen Option : **4**

Q.97 Read the given statements and conclusions carefully and decide which of the conclusions logically follow(s) from the statements.

Statements:

All kings have grey hair. Some knights become kings.
Conclusions:

I: All knights have grey hair.
II: All grey haired knights are kings.

Ans

✓ 1. Neither conclusion I nor II follows.

✗ 2. Both conclusion follow.

✗ 3. Conclusion I follows.

✗ 4. Conclusion II follows.

Question ID : **9489113577**
Option 1 ID : **94891114308**
Option 2 ID : **94891114307**
Option 3 ID : **94891114305**
Option 4 ID : **94891114306**
Status : **Answered**
Chosen Option : **4**

Q.98 Select the option that is related to the third term in the same way as the second term is related to the first term.

KRVI : NUYL : : AHMQ : ?

Ans

✓ 1. DKPT

✗ 2. FSCY

✗ 3. BJLV

✗ 4. WSMT

Question ID : **9489113601**
Option 1 ID : **94891114402**
Option 2 ID : **94891114404**
Option 3 ID : **94891114403**
Option 4 ID : **94891114401**
Status : **Answered**
Chosen Option : **1**

Q.99 If T = 7 and Y = 2, then TUESDAY = ?

Ans
✗ 1. 7642823162

✗ 2. 7632824262

✗ 3. 7622863462

✔ 4. 7622823262

Question ID : **9489113600**
Option 1 ID : **94891114399**
Option 2 ID : **94891114397**
Option 3 ID : **94891114400**
Option 4 ID : **94891114398**
Status : **Answered**
Chosen Option : **4**

Q.100 Choose the number-pair that is different from the other three.

Ans
✗ 1. 65 : 16

✔ 2. 62 : 15

✗ 3. 49 : 12

✗ 4. 33 : 8

Question ID : **9489113593**
Option 1 ID : **94891114370**
Option 2 ID : **94891114372**
Option 3 ID : **94891114369**
Option 4 ID : **94891114371**
Status : **Answered**
Chosen Option : **2**

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