रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

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

Participant ID	Join YouTube Channel
Participant Name	Join YouTube Channel
Test Center Name	DD College
Test Date	10/01/2021
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 Plants are divided into five groups. Which of the following is NOT one?

Ans
✗ 1. Bryophytes
✗ 2. Gymnosperms
✗ 3. Pteridophytes
✓ 4. Protochordata

> Question ID : **9489111512**
> Option 1 ID : **9489116046**
> Option 2 ID : **9489116045**
> Option 3 ID : **9489116047**
> Option 4 ID : **9489116048**
> Status : **Answered**
> Chosen Option : **4**

Q.2 Select the option that is related to the sixth number in the same way as the third number is related to the fourth number and the first number is related to the second number.

7 : 342 :: 9 : 728 :: ? : 2196

Ans
✗ 1. 5
✗ 2. 9
✗ 3. 11
✓ 4. 13

> Question ID : **948911778**
> Option 1 ID : **9489113109**
> Option 2 ID : **9489113110**
> Option 3 ID : **9489113111**
> Option 4 ID : **9489113112**
> Status : **Answered**
> Chosen Option : **4**

Q.3 The Minamata Convention in 2013 was held at Japan to address the emissions of which heavy metal?

Ans
✗ 1. Nickel
✗ 2. Cobalt
✗ 3. Zinc
✔ 4. Mercury

Question ID : **9489111534**
Option 1 ID : **9489116136**
Option 2 ID : **9489116135**
Option 3 ID : **9489116133**
Option 4 ID : **9489116134**
Status : **Answered**
Chosen Option : **4**

Q.4 Who discovered Penicillin?

Ans
✗ 1. Charles Darwin
✔ 2. Alexander Fleming
✗ 3. Louis Pasteur
✗ 4. Gregor Mendel

Question ID : **9489111516**
Option 1 ID : **9489116061**
Option 2 ID : **9489116062**
Option 3 ID : **9489116063**
Option 4 ID : **9489116064**
Status : **Answered**
Chosen Option : **3**

Q.5 In ancient times, a person was weighed against a commodity and the equivalent weight of that commodity was offered as donation. What was this practice called?

Ans
✗ 1. Jallikattu
✔ 2. Tulabhara
✗ 3. Pulikali
✗ 4. Thimithi

Question ID : **9489111509**
Option 1 ID : **9489116035**
Option 2 ID : **9489116036**
Option 3 ID : **9489116033**
Option 4 ID : **9489116034**
Status : **Answered**
Chosen Option : **2**

Q.6 A student reaches school on his bicycle in 3/2 hours at a speed of 8km/h. On the return journey he rests for half an hour and takes a route which is 1 km shorter. What should be the percentage increase in the speed of his bicycle so that he reaches home in the same time?

Ans ✔ 1. 37.5%

✘ 2. 37%

✘ 3. 35%

✘ 4. 30.5%

Question ID : **9489111161**
Option 1 ID : **9489114643**
Option 2 ID : **9489114642**
Option 3 ID : **9489114641**
Option 4 ID : **9489114644**
Status : **Answered**
Chosen Option : **1**

Q.7 A solid metallic cylinder of base radius 3 cm and height 5 cm is melted to form cones each of height 1 cm and base radius 1 mm. How many cones were formed?

Ans ✘ 1. 12,500 cones

✘ 2. 19,500 cones

✘ 3. 10,500 cones

✔ 4. 13,500 cones

Question ID : **9489111167**
Option 1 ID : **9489114666**
Option 2 ID : **9489114668**
Option 3 ID : **9489114667**
Option 4 ID : **9489114665**
Status : **Answered**
Chosen Option : **4**

Q.8 If $a = 17$, $b = 15$, $c = \frac{1}{4}$ of -128, then what is the value of

$a^3 + b^3 + c^3 - 3abc$?

Ans ✘ 1. 3

✘ 2. 2

✔ 3. 0

✘ 4. 1

Question ID : **9489111153**
Option 1 ID : **9489114609**
Option 2 ID : **9489114610**
Option 3 ID : **9489114611**
Option 4 ID : **9489114612**
Status : **Answered**
Chosen Option : **3**

Q.9 With which Chinese technology company has the Trump Administration banned the US government agencies from doing business?

Ans ✗ 1. Vivo

✗ 2. Xiaomi

✔ 3. Huawei

✗ 4. Oppo

Question ID : **9489111504**
Option 1 ID : **9489116015**
Option 2 ID : **9489116014**
Option 3 ID : **9489116016**
Option 4 ID : **9489116013**
Status : **Answered**
Chosen Option : **3**

Q.10 A and B borrowed the same amount for the same period. A borrowed on simple interest at the rate of 8% yearly. B borrowed on compound interest of 5% half yearly. At the end of one year the ratio of B's interest to that of A's interest is:

Ans ✔ 1. 41 : 32

✗ 2. 40 : 41

✗ 3. 32 : 41

✗ 4. 4 : 3

Question ID : **9489111158**
Option 1 ID : **9489114631**
Option 2 ID : **9489114630**
Option 3 ID : **9489114629**
Option 4 ID : **9489114632**
Status : **Answered**
Chosen Option : **1**

Q.11 The mean score of class A of 40 students in the mathematics test of 30 marks is 23. The mean score of class B of 45 students in the same test is 22. What is the ratio of the mean score of both the classes to that of class A?

Ans ✔ 1. 382 : 391

✗ 2. 380 : 391

✗ 3. 390 : 382

✗ 4. 391 : 382

Question ID : **9489111168**
Option 1 ID : **9489114670**
Option 2 ID : **9489114671**
Option 3 ID : **9489114672**
Option 4 ID : **9489114669**
Status : **Not Answered**
Chosen Option : **--**

Q.12 Which government organisation is the principal regulator of all the players operating in the Indian securities markets?

Ans   ✗ 1. IRDAI

   ✗ 2. NABARD

   ✔ 3. SEBI

   ✗ 4. RBI

Question ID : **9489111543**
Option 1 ID : **9489116171**
Option 2 ID : **9489116172**
Option 3 ID : **9489116170**
Option 4 ID : **9489116169**
Status : **Not Answered**
Chosen Option : **--**

Q.13 How many times is digit 3 passed in counting from 301 to 399?

Ans   ✗ 1. 121

   ✔ 2. 119

   ✗ 3. 11

   ✗ 4. 21

Question ID : **9489111144**
Option 1 ID : **9489114576**
Option 2 ID : **9489114573**
Option 3 ID : **9489114575**
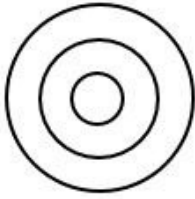Option 4 ID : **9489114574**
Status : **Answered**
Chosen Option : **2**

Q.14 Four Venn diagrams are given below. You have to select the option that shows the best relationship among the three given classes.
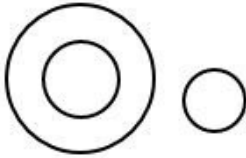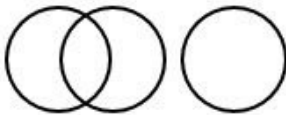
Mother, sister, female

Ans
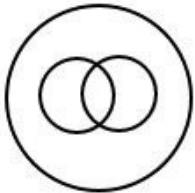
✗ 1.

✗ 2.

✗ 3.

✔ 4.

Question ID : **948911797**
Option 1 ID : **9489113188**
Option 2 ID : **9489113186**
Option 3 ID : **9489113185**
Option 4 ID : **9489113187**
Status : **Answered**
Chosen Option : **4**

Q.15 Who invented the word 'Brexit'?

Ans ✗ 1. Nigel Farage

✔ 2. Peter Wilding

✗ 3. Gerard Batten

✗ 4. Tommy Robinson

Question ID : **9489111526**
Option 1 ID : **9489116102**
Option 2 ID : **9489116101**
Option 3 ID : **9489116103**
Option 4 ID : **9489116104**
Status : **Not Answered**
Chosen Option : **--**

Q.16 20% of the toys produced in a factory were defective and 25% of the remaining were damaged. If 4800 toys were in good condition, then what was the original number of toys produced?

Ans
✘ 1. 9000
✔ 2. 8000
✘ 3. 6000
✘ 4. 10000

Question ID : **9489111156**
Option 1 ID : **9489114623**
Option 2 ID : **9489114621**
Option 3 ID : **9489114624**
Option 4 ID : **9489114622**
Status : **Answered**
Chosen Option : **2**

Q.17 In a class 82% students passed and 2% students were placed in the reappear category. The number of students who failed was 592. What was the total number of students in the class?

Ans
✘ 1. 2700
✘ 2. 3600
✔ 3. 3700
✘ 4. 2000

Question ID : **9489111157**
Option 1 ID : **9489114625**
Option 2 ID : **9489114627**
Option 3 ID : **9489114628**
Option 4 ID : **9489114626**
Status : **Answered**
Chosen Option : **3**

Q.18 Who is regarded as the Father of the Indian Nuclear Program?

Ans
✘ 1. APJ Abdul Kalam
✔ 2. Dr. Homi Bhabha
✘ 3. Jawaharlal Nehru
✘ 4. Raja Ramanna

Question ID : **9489111530**
Option 1 ID : **9489116119**
Option 2 ID : **9489116120**
Option 3 ID : **9489116117**
Option 4 ID : **9489116118**
Status : **Answered**
Chosen Option : **2**

Q.19 Which country has the longest written constitution in the world?

Ans ✔ 1. India

✗ 2. China

✗ 3. USA

✗ 4. Russia

Question ID : **9489111529**
Option 1 ID : **9489116115**
Option 2 ID : **9489116116**
Option 3 ID : **9489116114**
Option 4 ID : **9489116113**
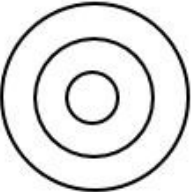Status : **Answered**
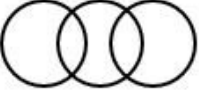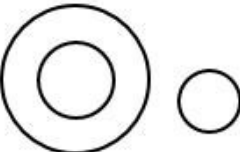Chosen Option : **1**

Q.20 Which of the following Venn diagrams displays the proper relation of following:

eyes, ears, sensory organs

Ans

✗ 1.

✗ 2.

✔ 3.

✗ 4.

Question ID : **948911796**
Option 1 ID : **9489113181**
Option 2 ID : **9489113182**
Option 3 ID : **9489113183**
Option 4 ID : **9489113184**
Status : **Answered**
Chosen Option : **3**

Q.21 Select the option that is related to the third term in the same way as the second term is related to the first term.

Running : Track : : Boxing : ?

Ans ✗ 1. Court

✗ 2. Ground

✗ 3. Pitch

✓ 4. Ring

Question ID : **948911780**
Option 1 ID : **9489113117**
Option 2 ID : **9489113119**
Option 3 ID : **9489113118**
Option 4 ID : **9489113120**
Status : **Answered**
Chosen Option : **4**

Q.22 Which of the following incidents took place after the victory of the British in the Battle of Plassey, in 1757?

Ans ✗ 1.
The port cities of Madras, Calcutta and Bombay were destroyed.

✓ 2. Trade of the British East India Company expanded.

✗ 3.
People stayed away from the colonial cities of Madras, Calcutta and Bombay.

✗ 4. No new buildings and institutions were developed.

Question ID : **9489111517**
Option 1 ID : **9489116065**
Option 2 ID : **9489116068**
Option 3 ID : **9489116067**
Option 4 ID : **9489116066**
Status : **Answered**
Chosen Option : **2**

Q.23 A, B and C entered into partnership. A invested 3 times as much as B and B invested $\frac{2}{3}$ times of what C invested. At the end of the year the total profit was ₹6,600. B's share in the profit is:

Ans ✗ 1. ₹2,400

✗ 2. ₹1,600

✗ 3. ₹1,800

✓ 4. ₹1,200

Question ID : **9489111154**
Option 1 ID : **9489114614**
Option 2 ID : **9489114613**
Option 3 ID : **9489114616**
Option 4 ID : **9489114615**
Status : **Answered**
Chosen Option : **4**

Q.24 Identify the number that is different from the rest.

23, 29, 31, 37, 42, 43, 47

Ans ✗ 1. 31

✗ 2. 37

✗ 3. 43

✓ 4. 42

Question ID : **948911786**
Option 1 ID : **9489113141**
Option 2 ID : **9489113142**
Option 3 ID : **9489113144**
Option 4 ID : **9489113143**
Status : **Answered**
Chosen Option : **4**

Q.25 _____ was celebrated as the First War of Indian Independence.

Ans ✗ 1. The Rowlatt Satyagraha of 1919

✗ 2. The Santhal Revolt of 1855-56

✓ 3. The Uprising of 1857

✗ 4. The Civil War of 1861

Question ID : **9489111518**
Option 1 ID : **9489116072**
Option 2 ID : **9489116069**
Option 3 ID : **9489116071**
Option 4 ID : **9489116070**
Status : **Answered**
Chosen Option : **3**

Q.26 As of October 2020, which of the following city in India does NOT have an operational metro railway system yet?

Ans ✗ 1. Jaipur

✗ 2. Kochi

✗ 3. Lucknow

✓ 4. Pune

Question ID : **9489111541**
Option 1 ID : **9489116164**
Option 2 ID : **9489116163**
Option 3 ID : **9489116161**
Option 4 ID : **9489116162**
Status : **Answered**
Chosen Option : **2**

Q.27 Four Venn diagrams are given below. You have to select the option that shows the best relationship among the three given classes.

Boy, student, farm

Ans

✔ 1.

✘ 2.

✘ 3.

✘ 4.
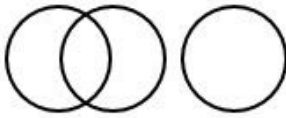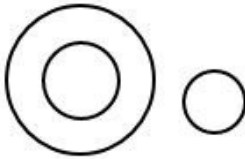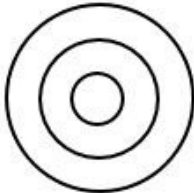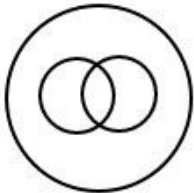
Question ID : **948911798**
Option 1 ID : **9489113189**
Option 2 ID : **9489113190**
Option 3 ID : **9489113192**
Option 4 ID : **9489113191**
Status : **Answered**
Chosen Option : **1**

Q.28 With the success of the anti-satellite (ASAT) test in 2019, with which other countries did India join the league?

Ans
✔ 1. US, Russia, China
✘ 2. Russia, China, France
✘ 3. US, Russia, UK
✘ 4. Russia, China, UK

Question ID : **9489111532**
Option 1 ID : **9489116125**
Option 2 ID : **9489116128**
Option 3 ID : **9489116126**
Option 4 ID : **9489116127**
Status : **Answered**
Chosen Option : **4**

Q.29 Select the option that is related to the third term in the same way as the second term is related to the first term.

Lion : Cat : : Wolf : ?

Ans ✗ 1. Bear

✗ 2. Hyena

✗ 3. Pup

✔ 4. Dog

Question ID : **948911779**
Option 1 ID : **9489113114**
Option 2 ID : **9489113113**
Option 3 ID : **9489113116**
Option 4 ID : **9489113115**
Status : **Answered**
Chosen Option : **4**

Q.30 PT is a tangent drawn from P, given outside the circle, with center O touching the circle at Q. If PQ = 30 cm and the diameter of the circle is 32cm, then what is the length of OP?

Ans ✗ 1. 32 cm

✔ 2. 34 cm

✗ 3. 36 cm

✗ 4. 38 cm

Question ID : **9489111172**
Option 1 ID : **9489114688**
Option 2 ID : **9489114686**
Option 3 ID : **9489114685**
Option 4 ID : **9489114687**
Status : **Answered**
Chosen Option : **2**

Q.31 Which of the following is NOT a National Park in India?

Ans ✔ 1. Shandur National Park

✗ 2. Balphakram National Park

✗ 3. Anshi National Park

✗ 4. Dachigam National Park

Question ID : **9489111525**
Option 1 ID : **9489116100**
Option 2 ID : **9489116097**
Option 3 ID : **9489116098**
Option 4 ID : **9489116099**
Status : **Answered**
Chosen Option : **3**

Q.32 What is the full form of COBOL?

Ans
✗ 1. Computer Based Operating Language

✓ 2. Common Business Oriented Language

✗ 3. Common Basic Operating Language

✗ 4. Computer Basic Oriented Language

Question ID : **9489111536**
Option 1 ID : **9489116143**
Option 2 ID : **9489116141**
Option 3 ID : **9489116144**
Option 4 ID : **9489116142**
Status : **Answered**
Chosen Option : **3**

Q.33 Which strip of water separates India and Sri Lanka?

Ans
✗ 1. Strait of Lombok

✗ 2. Durand line

✗ 3. Strait of Malacca

✓ 4. Palk Strait

Question ID : **9489111523**
Option 1 ID : **9489116092**
Option 2 ID : **9489116089**
Option 3 ID : **9489116090**
Option 4 ID : **9489116091**
Status : **Answered**
Chosen Option : **4**

Q.34 Three traffic signals change at intervals of 48, 72 and 108 seconds respectively. They start changing simultaneously at 8:20:00 hours for the first time. At what time will they change again simultaneously?

Ans
✗ 1. 8:40:00 hours

✓ 2. 8:27:12 hours

✗ 3. 8:25:00 hours

✗ 4. 8:30:00 hours

Question ID : **9489111145**
Option 1 ID : **9489114578**
Option 2 ID : **9489114580**
Option 3 ID : **9489114577**
Option 4 ID : **9489114579**
Status : **Answered**
Chosen Option : **2**

Q.35 If Bill Gates had his way, by what name was Windows OS planned to be released?

Ans   ✗ 1. Clipboard Viewer

    ✔ 2. Interface Manager

    ✗ 3. Calculator

    ✗ 4. Control Panel

> Question ID : **9489111538**
> Option 1 ID : **9489116152**
> Option 2 ID : **9489116150**
> Option 3 ID : **9489116149**
> Option 4 ID : **9489116151**
> Status : **Answered**
> Chosen Option : **2**

Q.36 Which of the following is NOT a monument in Uttar Pradesh?

Ans   ✔ 1. Safdarjung Tomb

    ✗ 2. Taj Mahal

    ✗ 3. Bara Imambara

    ✗ 4. Sarnath Stupa

> Question ID : **9489111508**
> Option 1 ID : **9489116031**
> Option 2 ID : **9489116030**
> Option 3 ID : **9489116029**
> Option 4 ID : **9489116032**
> Status : **Answered**
> Chosen Option : **1**

Q.37 If A's height is 25% less than that of B, then approximately by how much percentage is B's height more than that of A?

Ans   ✗ 1. 75%

    ✗ 2. 25%

    ✔ 3. 33%

    ✗ 4. 50%

> Question ID : **948911781**
> Option 1 ID : **9489113123**
> Option 2 ID : **9489113124**
> Option 3 ID : **9489113122**
> Option 4 ID : **9489113121**
> Status : **Answered**
> Chosen Option : **3**

Q.38 Two trains starting at the same time in opposite directions from two stations 200 km apart meet each other at a distance of 110 km from one of the stations. What is the ratio of their speed?

Ans

✗ 1. $10 : 9$

✗ 2. $12 : 8$

✗ 3. $13 : 7$

✓ 4. $11 : 9$

Question ID : **9489111163**
Option 1 ID : **9489114651**
Option 2 ID : **9489114650**
Option 3 ID : **9489114649**
Option 4 ID : **9489114652**
Status : **Not Answered**
Chosen Option : **--**

Q.39 A rectangular field is 16 meters long and 12 meters wide. A barbed fence has to be drawn on three sides of the field leaving one side open along the width. What is the cost of fencing at the rate of 25 paise per cm?

Ans

✗ 1. ₹4,400

✗ 2. ₹1,600

✓ 3. ₹1,100

✗ 4. ₹1,900

Question ID : **9489111149**
Option 1 ID : **9489114596**
Option 2 ID : **9489114593**
Option 3 ID : **9489114595**
Option 4 ID : **9489114594**
Status : **Answered**
Chosen Option : **3**

Q.40 In which city was the Indus Waters Treaty (IWT) signed between India and Pakistan, in 1960?

Ans

✗ 1. Lahore

✗ 2. Calcutta

✓ 3. Karachi

✗ 4. Bombay

Question ID : **9489111535**
Option 1 ID : **9489116140**
Option 2 ID : **9489116137**
Option 3 ID : **9489116139**
Option 4 ID : **9489116138**
Status : **Answered**
Chosen Option : **1**

Q.41 What was the first domain name ever registered in the World Wide Web?

Ans ✗ 1. www.computer.com

✗ 2. www.linux.com

✓ 3. www.symbolics.com

✗ 4. www.server.com

Question ID : **9489111537**
Option 1 ID : **9489116146**
Option 2 ID : **9489116148**
Option 3 ID : **9489116147**
Option 4 ID : **9489116145**
Status : **Answered**
Chosen Option : **4**

Q.42 Read the given statements and conclusions carefully and decide which of the conclusions logically follow(s) from the statements.

Statements:
I. All Doctors are social workers.
II. All social workers need money.

Conclusions:
I. All social workers are not doctors.
II. Doctors need money.

Ans ✓ 1. Both conclusion I and II follow

✗ 2. Only conclusion II follows

✗ 3. Neither conclusion I nor II follows

✗ 4. Only conclusion I follows

Question ID : **948911782**
Option 1 ID : **9489113125**
Option 2 ID : **9489113128**
Option 3 ID : **9489113126**
Option 4 ID : **9489113127**
Status : **Answered**
Chosen Option : **2**

Q.43 From which constituencies did Congress leader Rahul Gandhi contest the Lok Sabha Elections of 2019?

Ans ✓ 1. Amethi and Wayanad

✗ 2. Amethi and Lucknow

✗ 3. Varanasi and Wayanad

✗ 4. Varanasi and Lucknow

Question ID : **9489111527**
Option 1 ID : **9489116108**
Option 2 ID : **9489116105**
Option 3 ID : **9489116107**
Option 4 ID : **9489116106**
Status : **Answered**
Chosen Option : **2**

Q.44 Which Indian art form is practiced in the Mithila region of Bihar and Nepal?

Ans

  ✔ 1. Madhubani painting

  ✘ 2. Kalamezhuthu

  ✘ 3. Tanjore art

  ✘ 4. Pattachitra painting

Question ID : **9489111510**
Option 1 ID : **9489116038**
Option 2 ID : **9489116040**
Option 3 ID : **9489116039**
Option 4 ID : **9489116037**
Status : **Answered**
Chosen Option : **1**

Q.45 As of October 2020, who is the captain of the Indian Men's Hockey Team?

Ans

  ✔ 1. Manpreet Singh

  ✘ 2. Harmanpreet Singh

  ✘ 3. Dilpreet Singh

  ✘ 4. Gagandeep Singh

Question ID : **9489111506**
Option 1 ID : **9489116021**
Option 2 ID : **9489116022**
Option 3 ID : **9489116024**
Option 4 ID : **9489116023**
Status : **Answered**
Chosen Option : **4**

Q.46 If $\frac{x}{2y} = \frac{6}{7}$, then what is the value of $\frac{x-y}{x+y} + \frac{14}{19}$?

Ans

  ✔ 1. $\dfrac{19}{19}$

  ✘ 2. $\dfrac{109}{19}$

  ✘ 3. $\dfrac{110}{99}$

  ✘ 4. $\dfrac{99}{109}$

Question ID : **9489111147**
Option 1 ID : **9489114587**
Option 2 ID : **9489114585**
Option 3 ID : **9489114588**
Option 4 ID : **9489114586**
Status : **Answered**
Chosen Option : **1**

Q.47 The first woman to swim the English Channel was:

Ans ✘ 1. a French

　　 ✘ 2. an Indian

　　 ✘ 3. a British

　　 ✔ 4. an American

Question ID : **9489111524**
Option 1 ID : **9489116093**
Option 2 ID : **9489116096**
Option 3 ID : **9489116095**
Option 4 ID : **9489116094**
Status : **Answered**
Chosen Option : **4**

Q.48 As per a new study by Greenpeace in 2018, which is the most polluted city on earth?

Ans ✔ 1. Gurugram

　　 ✘ 2. Shanghai

　　 ✘ 3. Dhaka

　　 ✘ 4. Tokyo

Question ID : **9489111533**
Option 1 ID : **9489116132**
Option 2 ID : **9489116131**
Option 3 ID : **9489116129**
Option 4 ID : **9489116130**
Status : **Answered**
Chosen Option : **4**

Q.49 If $(a + b) : (b + c) : (c + a)$ is $6 : 7 : 8$ and also $a + b + c = 14$, then what is the value of c?

Ans ✔ 1. 6

　　 ✘ 2. 8

　　 ✘ 3. 12

　　 ✘ 4. 10

Question ID : **9489111155**
Option 1 ID : **9489114619**
Option 2 ID : **9489114617**
Option 3 ID : **9489114620**
Option 4 ID : **9489114618**
Status : **Answered**
Chosen Option : **1**

Q.50 Identify the number that is different from the rest.

Ans ✗ 1. 1728

✔ 2. 2548

✗ 3. 1331

✗ 4. 2197

Question ID : **948911795**
Option 1 ID : **9489113178**
Option 2 ID : **9489113180**
Option 3 ID : **9489113177**
Option 4 ID : **9489113179**
Status : **Answered**
Chosen Option : **3**

Q.51 Which edition of the Indian Premier League (IPL) was played in 2020?

Ans ✗ 1. 11th

✗ 2. 12th

✔ 3. 13th

✗ 4. 10th

Question ID : **9489111505**
Option 1 ID : **9489116018**
Option 2 ID : **9489116019**
Option 3 ID : **9489116020**
Option 4 ID : **9489116017**
Status : **Answered**
Chosen Option : **2**

Q.52 ₹9,000 is divided equally among a certain number of students. Had there been 20 more students each would have got ₹160 less. What was the original number of students?

Ans ✗ 1. 35

✗ 2. 20

✔ 3. 25

✗ 4. 30

Question ID : **9489111166**
Option 1 ID : **9489114662**
Option 2 ID : **9489114664**
Option 3 ID : **9489114663**
Option 4 ID : **9489114661**
Status : **Answered**
Chosen Option : **3**

Q.53 Reforestation means:

Ans
✗ 1. reinforcing forests

✗ 2. taking care of animals in the forests

✗ 3. visiting the forests

✔ 4. planting new trees in the destroyed forests

Question ID : **9489111515**
Option 1 ID : **9489116060**
Option 2 ID : **9489116058**
Option 3 ID : **9489116057**
Option 4 ID : **9489116059**
Status : **Answered**
Chosen Option : **4**

Q.54 Who initiated the Pradhan Mantri Jan Dhan Yojana (PMJDY)?

Ans
✔ 1. Narendra Modi

✗ 2. Manmohan Singh

✗ 3. Rajiv Gandhi

✗ 4. Atal Bihari Vajpayee

Question ID : **9489111542**
Option 1 ID : **9489116165**
Option 2 ID : **9489116166**
Option 3 ID : **9489116168**
Option 4 ID : **9489116167**
Status : **Answered**
Chosen Option : **1**

Q.55 Which of the following rivers is NOT in Africa?

Ans
✗ 1. Orange

✗ 2. Nile

✗ 3. Niger

✔ 4. Amazon

Question ID : **9489111522**
Option 1 ID : **9489116087**
Option 2 ID : **9489116085**
Option 3 ID : **9489116086**
Option 4 ID : **9489116088**
Status : **Answered**
Chosen Option : **1**

Q.56 If $x = 2 - \sqrt{3}$, then $x - \frac{1}{x}$ is:

Ans

✗ 1. $12 - 30\sqrt{3}$

✗ 2. $5\sqrt{3}$

✓ 3. $-2\sqrt{3}$

✗ 4. $3\sqrt{3}$

Question ID : **9489111151**
Option 1 ID : **9489114604**
Option 2 ID : **9489114603**
Option 3 ID : **9489114601**
Option 4 ID : **9489114602**
Status : **Answered**
Chosen Option : **3**

Q.57 Rahim purchased 20 kg of oranges at the rate of ₹45/kg and sold them at the rate of ₹54/kg. During this period 1.5 kg oranges got spoiled. He sold the spoiled oranges at the rate of ₹10/kg. His net gain or loss percent is:

Ans

✓ 1. $12\frac{2}{3}$ % gain

✗ 2. 14% gain

✗ 3. $13\frac{2}{3}$ % loss

✗ 4. 14% loss

Question ID : **9489111159**
Option 1 ID : **9489114635**
Option 2 ID : **9489114633**
Option 3 ID : **9489114634**
Option 4 ID : **9489114636**
Status : **Answered**
Chosen Option : **1**

Q.58 Which of the following was stated in the 'Gandhi-Irwin Pact' signed in March 1931?

Ans

✗ 1. Prisoners would not be released.

✓ 2. The Civil Disobedience Movement would be called off.

✗ 3. The manufacture of salt along the coast would be stopped.

✗ 4. All Indians would get good education.

Question ID : **9489111521**
Option 1 ID : **9489116083**
Option 2 ID : **9489116081**
Option 3 ID : **9489116082**
Option 4 ID : **9489116084**
Status : **Answered**
Chosen Option : **2**

Q.59 Which Navratna company is fondly called 'Vizag steel'?

Ans
✗ 1. Rourkela Steel Plant

✗ 2. Bokaro Steel Plant

✗ 3. IISCO Steel Plant

✔ 4. Rashtriya Ispat Nigam Limited

Question ID :	**9489111539**
Option 1 ID :	**9489116154**
Option 2 ID :	**9489116153**
Option 3 ID :	**9489116155**
Option 4 ID :	**9489116156**
Status :	**Answered**
Chosen Option :	**4**

Q.60 $(1 - \frac{1}{n}) + (1 - \frac{2}{n}) + (1 - \frac{3}{n})$ + up to n terms will result as:

Ans
✗ 1. $\frac{1}{2n-1}$

✗ 2. $\frac{1}{2n}$

✗ 3. $\frac{1}{n^2}$

✔ 4. $\frac{n-1}{2}$

Question ID :	**9489111150**
Option 1 ID :	**9489114599**
Option 2 ID :	**9489114598**
Option 3 ID :	**9489114597**
Option 4 ID :	**9489114600**
Status :	**Not Answered**
Chosen Option :	**--**

Q.61 The base BC of a triangle ABC is divided at D such that BD = half of DC. The area of triangle ABC is _____ times the area of triangle ADC.

Ans
✗ 1. two

✔ 2. $\frac{3}{2}$

✗ 3. four

✗ 4. three

Question ID :	**9489111169**
Option 1 ID :	**9489114673**
Option 2 ID :	**9489114676**
Option 3 ID :	**9489114675**
Option 4 ID :	**9489114674**
Status :	**Not Answered**
Chosen Option :	**--**

Q.62 Select the combination of letters that when sequentially placed in the blanks will create a repetitive pattern.

bb_cc_bb_bcccc_b

Ans ✗ 1. b; c; c; b

✗ 2. b; b; c; c

✗ 3. c; b; c; b

✓ 4. c; c; b; b

Question ID : **948911783**
Option 1 ID : **9489113131**
Option 2 ID : **9489113132**
Option 3 ID : **9489113130**
Option 4 ID : **9489113129**
Status : **Answered**
Chosen Option : **4**

Q.63 In a competitive examination 1 mark is awarded for a correct answer, 0 marks for an unattempt question and $\frac{1}{2}$ mark is deducted for every wrong answer. Ambika answered 120 questions and got 90 marks. How many answers were correct?

Ans ✗ 1. 60

✗ 2. 110

✓ 3. 100

✗ 4. 98

Question ID : **9489111165**
Option 1 ID : **9489114658**
Option 2 ID : **9489114659**
Option 3 ID : **9489114657**
Option 4 ID : **9489114660**
Status : **Answered**
Chosen Option : **3**

Q.64 3 men and 3 boys can do a piece of work in 10 days. When one man is replaced by a boy, the work is completed in 12 days. In how many days will 2 men and 2 boys complete the work?

Ans ✗ 1. 22 days

✗ 2. 20 days

✗ 3. 25 days

✓ 4. 15 days

Question ID : **9489111162**
Option 1 ID : **9489114645**
Option 2 ID : **9489114647**
Option 3 ID : **9489114648**
Option 4 ID : **9489114646**
Status : **Answered**
Chosen Option : **4**

Q.65 Of the given options, select the odd one out?

Ans ✔ 1. Actor

✘ 2. Plot

✘ 3. Script

✘ 4. Dialogue

Question ID : **948911793**
Option 1 ID : **9489113172**
Option 2 ID : **9489113170**
Option 3 ID : **9489113169**
Option 4 ID : **9489113171**
Status : **Answered**
Chosen Option : **1**

Q.66 In which country did Manushi Chhillar win the Miss World 2017 title?

Ans ✘ 1. South Korea

✘ 2. Japan

✔ 3. China

✘ 4. Vietnam

Question ID : **9489111507**
Option 1 ID : **9489116027**
Option 2 ID : **9489116025**
Option 3 ID : **9489116026**
Option 4 ID : **9489116028**
Status : **Answered**
Chosen Option : **4**

Q.67 If $\cot A = \frac{1}{\sqrt{3}}$, then what is the value of

$\frac{(1-\cos 2A)}{(1+\cos 2A)}$?

Ans ✘ 1. 1.5

✘ 2. $\sqrt{3}$

✘ 3. $\frac{1}{3}$

✔ 4. 3

Question ID : **9489111170**
Option 1 ID : **9489114680**
Option 2 ID : **9489114679**
Option 3 ID : **9489114677**
Option 4 ID : **9489114678**
Status : **Not Answered**
Chosen Option : **--**

Q.68 Who among the following did NOT advocate militant opposition to colonial rule through the Swadeshi movement?

Ans

✗ 1. Lala Lajpat Rai

✗ 2. Bipin Chandra Pal

✗ 3. Bal Gangadhar Tilak

✓ 4. Gopal Krishna Gokhale

Question ID : **9489111519**
Option 1 ID : **9489116076**
Option 2 ID : **9489116075**
Option 3 ID : **9489116073**
Option 4 ID : **9489116074**
Status : **Answered**
Chosen Option : **4**

Q.69 What is most likely to cause food poisoning?

Ans

✗ 1. Eating frozen foods

✓ 2. Eating food spoilt by microorganisms

✗ 3. Eating food with preservatives

✗ 4. Eating home cooked food

Question ID : **9489111513**
Option 1 ID : **9489116052**
Option 2 ID : **9489116049**
Option 3 ID : **9489116050**
Option 4 ID : **9489116051**
Status : **Answered**
Chosen Option : **2**

Q.70 Endemic species are those species of plants and animals which are _____.

Ans

✓ 1. found in a particular area

✗ 2. found only in the forests

✗ 3. suffering from an epidemic

✗ 4. in very good health

Question ID : **9489111514**
Option 1 ID : **9489116056**
Option 2 ID : **9489116054**
Option 3 ID : **9489116055**
Option 4 ID : **9489116053**
Status : **Answered**
Chosen Option : **1**

Q.71 If MARCH is coded as HMCAR, how will APRIL be coded?

Ans ✗ 1. LIAPR

✗ 2. LAPIR

✔ 3. LAIPR

✗ 4. LIRAP

Question ID : **948911776**
Option 1 ID : **9489113101**
Option 2 ID : **9489113102**
Option 3 ID : **9489113104**
Option 4 ID : **9489113103**
Status : **Answered**
Chosen Option : **3**

Q.72 In which state is the Satish Dhawan Space Centre, Sriharikota, located?

Ans ✗ 1. Kerala

✗ 2. Tamil Nadu

✗ 3. Karnataka

✔ 4. Andhra Pradesh

Question ID : **9489111531**
Option 1 ID : **9489116124**
Option 2 ID : **9489116123**
Option 3 ID : **9489116121**
Option 4 ID : **9489116122**
Status : **Answered**
Chosen Option : **4**

Q.73 a, b and c are the sides of a right triangle with c as hypotenuse. The radius r, of the circle which touches the three sides of the triangle is :

Ans ✗ 1. $r = \dfrac{(a-b-c)}{2}$

✔ 2. $r = \dfrac{(a+b-c)}{2}$

✗ 3. $r = \dfrac{(a-b+c)}{2}$

✗ 4. $r = \dfrac{(a+b+c)}{2}$

Question ID : **9489111173**
Option 1 ID : **9489114689**
Option 2 ID : **9489114692**
Option 3 ID : **9489114691**
Option 4 ID : **9489114690**
Status : **Answered**
Chosen Option : **2**

Q.74 A water tank is made of an aluminum sheet 3cm thick. The tank is open at the top. Its external dimensions are 1.36 m, 1.06 m and height 8.3m. What is the cost of painting the inner surface of the tank at 50 paise per 100 sq. cm?

Ans
1. ₹240
2. ₹219
3. ₹249
4. ₹149

Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates.

Question ID : **9489111164**
Option 1 ID : **9489114655**
Option 2 ID : **9489114654**
Option 3 ID : **9489114653**
Option 4 ID : **9489114656**
Status : **Not Answered**
Chosen Option : **--**

Q.75 Who is regarded as the father of modern economics?

Ans
✗ 1. Amartya Sen
✗ 2. John Maynard Keynes
✔ 3. Adam Smith
✗ 4. Manmohan Singh

Question ID : **9489111540**
Option 1 ID : **9489116160**
Option 2 ID : **9489116157**
Option 3 ID : **9489116159**
Option 4 ID : **9489116158**
Status : **Answered**
Chosen Option : **3**

Q.76 How many odd numbers are preceded by the number 4 in the following series?

2 6 6 3 4 5 2 4 9 8 6 4 3 4 8 2

Ans
✗ 1. 1
✗ 2. 2
✔ 3. 3
✗ 4. 4

Question ID : **948911799**
Option 1 ID : **9489113193**
Option 2 ID : **9489113194**
Option 3 ID : **9489113195**
Option 4 ID : **9489113196**
Status : **Answered**
Chosen Option : **2**

Q.77 If $\frac{1}{5}$ of a number multiplied by $\frac{2}{3}$ of the same number gives 480, then the number is:

Ans
❌ 1. 80
✔️ 2. 60
❌ 3. 100
❌ 4. 70

Question ID : **9489111152**	
Option 1 ID : **9489114605**	
Option 2 ID : **9489114607**	
Option 3 ID : **9489114606**	
Option 4 ID : **9489114608**	
Status : **Answered**	
Chosen Option : **2**	

Q.78 Pointing towards a man, Vivek said, "His only brother is the father of my daughter's father". From among the given options, how could the man be related to Vivek?

Ans
❌ 1. Brother
❌ 2. Father-in-law
✔️ 3. Uncle
❌ 4. Father

Question ID : **948911803**	
Option 1 ID : **9489113209**	
Option 2 ID : **9489113212**	
Option 3 ID : **9489113210**	
Option 4 ID : **9489113211**	
Status : **Answered**	
Chosen Option : **3**	

Q.79 Simplify

$$0.3 \div \left(0.6 \times \frac{2}{3} \right) \times 0.2 \left(0.2 \times 2 \div \frac{1}{2} + 0.2 \right)$$

Ans
❌ 1. 0.05
❌ 2. 1.5
✔️ 3. 0.15
❌ 4. 0.02

Question ID : **9489111146**	
Option 1 ID : **9489114582**	
Option 2 ID : **9489114584**	
Option 3 ID : **9489114583**	
Option 4 ID : **9489114581**	
Status : **Answered**	
Chosen Option : **3**	

Q.80 A shopkeeper purchased a machine for ₹70,000 and spent ₹5,000 as overhead expenditure. Had he purchased the machine at 15% less, he would have earned a profit of 15%. What is the selling price of the machine?

Ans ✗ 1. ₹74,000

✗ 2. ₹75,000

✗ 3. ₹78,175

✓ 4. ₹74,175

Question ID :	**9489111160**
Option 1 ID :	**9489114638**
Option 2 ID :	**9489114637**
Option 3 ID :	**9489114639**
Option 4 ID :	**9489114640**
Status :	**Not Answered**
Chosen Option :	**--**

Q.81 A _____ is a homogeneous mixture of two or more substances.

Ans ✗ 1. component

✓ 2. solution

✗ 3. particle

✗ 4. molecule

Question ID :	**9489111511**
Option 1 ID :	**9489116043**
Option 2 ID :	**9489116041**
Option 3 ID :	**9489116044**
Option 4 ID :	**9489116042**
Status :	**Answered**
Chosen Option :	**2**

Q.82 As of October 2020, who is the Vice President of India?

Ans ✓ 1. M Venkaiah Naidu

✗ 2. Hamid Ansari

✗ 3. Rajnath Singh

✗ 4. Ram Nath Kovind

Question ID :	**9489111528**
Option 1 ID :	**9489116109**
Option 2 ID :	**9489116112**
Option 3 ID :	**9489116111**
Option 4 ID :	**9489116110**
Status :	**Answered**
Chosen Option :	**1**

Q.83 Simplify

$$\frac{1}{1.2.3} + \frac{1}{2.3.4} + \frac{1}{3.4.5} + \frac{1}{4.5.6}$$

Ans

✔ 1. $\frac{7}{30}$

✗ 2. $\frac{19}{30}$

✗ 3. $\frac{2}{60}$

✗ 4. $\frac{5}{30}$

Question ID : **9489111148**
Option 1 ID : **9489114592**
Option 2 ID : **9489114590**
Option 3 ID : **9489114591**
Option 4 ID : **9489114589**
Status : **Answered**
Chosen Option : **1**

Q.84 A window in a building is at a height of 10 meters from the ground. The angle of depression of a point P on the ground from the window is 30°. The angle of elevation of the top of the building from the point P is 60°. What is the height of the building?

Ans

✔ 1. 30 meters

✗ 2. 40 meters

✗ 3. 35 meters

✗ 4. 20 meters

Question ID : **9489111171**
Option 1 ID : **9489114683**
Option 2 ID : **9489114681**
Option 3 ID : **9489114684**
Option 4 ID : **9489114682**
Status : **Answered**
Chosen Option : **1**

Q.85 Which of the following was a result of the Non-Cooperation and Khilafat movements?

Ans

✗ 1. Lawyers attended courts.

✗ 2. Peasants carried loads for colonial officers.

✔ 3.

The working class went on strike in many towns and cities.

✗ 4.

Students went to schools and colleges run by the government.

Question ID : **9489111520**
Option 1 ID : **9489116079**
Option 2 ID : **9489116077**
Option 3 ID : **9489116080**
Option 4 ID : **9489116078**
Status : **Answered**
Chosen Option : **3**

Q.86 The following table shows the points scored by four players in four games:

Player	Game1	Game2	Game3	Game4
A	12	8	10	6
B	0	8	6	4
C	8	11	4	3
D	10	12	2	8

Who is the overall best performer considering all the games?

Ans
✗ 1. D
✗ 2. B
✔ 3. A
✗ 4. C

Question ID : **948911789**
Option 1 ID : **9489113156**
Option 2 ID : **9489113154**
Option 3 ID : **9489113153**
Option 4 ID : **9489113155**
Status : **Answered**
Chosen Option : **3**

Q.87 The following table shows the points scored by four players in four games:

Player	Game1	Game2	Game3	Game4
A	12	8	10	6
B	0	8	6	4
C	8	11	4	3
D	10	12	2	8

Determine the average number of points scored by A, considering all the games.

Ans
✗ 1. 10
✗ 2. 12
✗ 3. 16
✔ 4. 9

Question ID : **948911790**
Option 1 ID : **9489113157**
Option 2 ID : **9489113158**
Option 3 ID : **9489113160**
Option 4 ID : **9489113159**
Status : **Answered**
Chosen Option : **4**

Q.88 The following table shows the points scored by four players in four games:

Player	Game1	Game2	Game3	Game4
A	12	8	10	6
B	0	8	6	4
C	8	11	4	3
D	10	12	2	8

Who is the overall worst performer considering all four games?

Ans ✗ 1. D

✗ 2. C

✗ 3. A

✔ 4. B

Question ID : **948911791**
Option 1 ID : **9489113164**
Option 2 ID : **9489113163**
Option 3 ID : **9489113161**
Option 4 ID : **9489113162**
Status : **Answered**
Chosen Option : **4**

Q.89 The following table shows the points scored by four players in four games:

Player	Game1	Game2	Game3	Game4
A	12	8	10	6
B	0	8	6	4
C	8	11	4	3
D	10	12	2	8

What will the difference be, of the average points scored by C and D?

Ans ✗ 1. 6.5

✔ 2. 1.5

✗ 3. 10.5

✗ 4. 8.5

Question ID : **948911792**
Option 1 ID : **9489113166**
Option 2 ID : **9489113165**
Option 3 ID : **9489113168**
Option 4 ID : **9489113167**
Status : **Answered**
Chosen Option : **2**

Q.90 If BLACK is called GREEN, GREEN is called YELLOW, YELLOW is called BLUE and BLUE is called RED, then what would the colour of GOLD be called?

Ans ✗ 1. GREEN

✗ 2. BLACK

✓ 3. BLUE

✗ 4. YELLOW

Question ID :	**948911774**
Option 1 ID :	**9489113094**
Option 2 ID :	**9489113096**
Option 3 ID :	**9489113093**
Option 4 ID :	**9489113095**
Status :	**Answered**
Chosen Option :	**3**

Q.91 How many numbers are present between 50 and 100 (Both excluding) which contains digit 5 and can be, exactly divisible by digit 5?

Ans ✓ 1. 5

✗ 2. 10

✗ 3. 7

✗ 4. 9

Question ID :	**948911800**
Option 1 ID :	**9489113197**
Option 2 ID :	**9489113200**
Option 3 ID :	**9489113198**
Option 4 ID :	**9489113199**
Status :	**Not Answered**
Chosen Option :	**--**

Q.92 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

CJ, FM, ?, LS, OV

Ans ✓ 1. IP

✗ 2. RX

✗ 3. HL

✗ 4. KQ

Question ID :	**948911784**
Option 1 ID :	**9489113134**
Option 2 ID :	**9489113135**
Option 3 ID :	**9489113133**
Option 4 ID :	**9489113136**
Status :	**Answered**
Chosen Option :	**1**

Q.93 Sheetal walks 25 m east. Then she turns right and walks another 25 m. She then turns right and walks another 40 m. Then again turning right, she walks 25 m. Finally, she turns left and walks 10 m. How far is Sheetal from her original position?

Ans

✗ 1. 10 m

✓ 2. 25 m

✗ 3. 15 m

✗ 4. 20 m

Question ID : **948911801**
Option 1 ID : **9489113201**
Option 2 ID : **9489113204**
Option 3 ID : **9489113202**
Option 4 ID : **9489113203**
Status : **Answered**
Chosen Option : **2**

Q.94 In a certain code language, 257 means 'I like you', 746 means 'You are good' and 263 means 'I am good'. What number is coded for 'Are'?

Ans

✓ 1. 4

✗ 2. 6

✗ 3. 5

✗ 4. 3

Question ID : **948911775**
Option 1 ID : **9489113098**
Option 2 ID : **9489113100**
Option 3 ID : **9489113099**
Option 4 ID : **9489113097**
Status : **Answered**
Chosen Option : **1**

Q.95 A remembers that P's first appointment to the job is after 17th but before 20th March. Whereas B remembers that P's first appointment to the job is after 18th but before 22nd March. Assuming both are correct, which date is most likely to be P's first appointment to the job?

Ans

✗ 1. 18th March

✗ 2. 20th March

✗ 3. 21st March

✓ 4. 19th March

Question ID : **948911802**
Option 1 ID : **9489113205**
Option 2 ID : **9489113207**
Option 3 ID : **9489113208**
Option 4 ID : **9489113206**
Status : **Answered**
Chosen Option : **4**

Q.96 Which of the following is same as foot, inch and yard?

Ans

✗ 1. Quart

✓ 2. Mile

✗ 3. Pound

✗ 4. Gram

Question ID : **948911794**
Option 1 ID : **9489113173**
Option 2 ID : **9489113174**
Option 3 ID : **9489113175**
Option 4 ID : **9489113176**
Status : **Answered**
Chosen Option : **2**

Q.97 Select the number from among the given options that can replace the question mark (?) in the following series.

13, 14, 18, 20, 23, ? , 28, 32

Ans

✗ 1. 24

✗ 2. 33

✓ 3. 26

✗ 4. 29

Question ID : **948911785**
Option 1 ID : **9489113137**
Option 2 ID : **9489113140**
Option 3 ID : **9489113138**
Option 4 ID : **9489113139**
Status : **Answered**
Chosen Option : **3**

Q.98 If G stands for 'add', H stands for 'multiply', J stands for 'subtract' and K stands for 'division' then find the value of
125 J 110 K 5 G 7 H 2.

Ans

✗ 1. 133

✗ 2. 89

✓ 3. 117

✗ 4. 114

Question ID : **948911788**
Option 1 ID : **9489113151**
Option 2 ID : **9489113149**
Option 3 ID : **9489113152**
Option 4 ID : **9489113150**
Status : **Answered**
Chosen Option : **3**

Q.99 Select the option that is related to the third term in the same way as the second term is related to the first term.

INCH : 17 : : YARD : ?

Ans   ✗ 1.   26

       ✗ 2.   38

       ✓ 3.   24

       ✗ 4.   48

Question ID : **948911777**
Option 1 ID : **9489113106**
Option 2 ID : **9489113107**
Option 3 ID : **9489113105**
Option 4 ID : **9489113108**
Status : **Answered**
Chosen Option : **3**

Q.100 If '÷' means '+', '+' means '-', '-' means '×' and '×' means '÷', then what will the value of 16 ÷ 4 × 2 + 5 - 3 be?

Ans   ✓ 1.   3

       ✗ 2.   10

       ✗ 3.   1

       ✗ 4.   4

Question ID : **948911787**
Option 1 ID : **9489113146**
Option 2 ID : **9489113148**
Option 3 ID : **9489113145**
Option 4 ID : **9489113147**
Status : **Answered**
Chosen Option : **1**

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