Participant ID	Join YouTube Channel
Participant Name	Join YouTube Channel
Test Center Name	iON Digital Zone iDZ Nayanipalli Village
Test Date	22/01/2021
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 Name the campaign launched in January 2018 by the Union Minister for environment, forest and climate change, which lauds small positive actions performed by individuals or organisations to strengthen the cause of environmental protection.

Ans ✗ 1. Champions of the Earth

✗ 2. Green Skill Development Programme

✔ 3. Green Good Deeds

✗ 4. Clean Air Campaign

Question ID : **9489113335**
Option 1 ID : **94891113340**
Option 2 ID : **94891113339**
Option 3 ID : **94891113337**
Option 4 ID : **94891113338**
Status : **Answered**
Chosen Option : **2**

Q.2 According to the time in Rajni's watch, it is quarter to 6. If the hour hand points towards the south, then in which direction does the minute hand point?

Ans ✗ 1. East

✔ 2. West

✗ 3. South

✗ 4. North

Question ID : **9489113280**
Option 1 ID : **94891113118**
Option 2 ID : **94891113117**
Option 3 ID : **94891113120**
Option 4 ID : **94891113119**
Status : **Answered**
Chosen Option : **2**

Q.3 When you reverse the digits of the number 14, the number increases by 27. How many other two-digit numbers increase by 27 when their digits are reversed?

Ans ✗ 1. 4

✗ 2. 6

✗ 3. 7

✔ 4. 5

Question ID : **9489113053**
Option 1 ID : **94891112210**
Option 2 ID : **94891112211**
Option 3 ID : **94891112209**
Option 4 ID : **94891112212**
Status : **Not Answered**
Chosen Option : **--**

Q.4 MS DOS is an operating system that has a /an:

Ans ✔ 1. Command Line Interface

✗ 2. Voice Line Interface

✗ 3. Open Source Origin

✗ 4. Graphical User Interface

Question ID : **9489113336**
Option 1 ID : **94891113342**
Option 2 ID : **94891113344**
Option 3 ID : **94891113343**
Option 4 ID : **94891113341**
Status : **Answered**
Chosen Option : **1**

Q.5 In which year did AR Rahman win two Oscars?

Ans ✗ 1. 2011

✗ 2. 2010

✔ 3. 2009

✗ 4. 2017

Q.6 A and B together can complete a task in 20 days while B alone can complete the same task in 60 days. A alone will be able to complete the same task in:

Ans ✗ 1. 20 days

✗ 2. 45 days

✔ 3. 30 days

✗ 4. 15 days

Q.7 If $x = a\operatorname{cosec}\theta + b\cot\theta$, $y = b\operatorname{cosec}\theta + a\cot\theta$, then what will be the value of $x^2 - y^2$?

Ans ✔ 1. $a^2 - b^2$

✗ 2. $a^2 + b^2$

✗ 3. $a + b$

✗ 4. 0

Q.8 Out of the four memorials listed, three are alike in some manner and one is different. Select the odd one.

Ans
✗ 1. Shantivan
✔ 2. Smriti Sthal
✗ 3. Kisan Ghat
✗ 4. Raj Ghat

Question ID : **9489113294**
Option 1 ID : **94891113173**
Option 2 ID : **94891113174**
Option 3 ID : **94891113175**
Option 4 ID : **94891113176**
Status : **Answered**
Chosen Option : **3**

Q.9 Tsangpo and Dihang are other names of which river?

Ans
✗ 1. Ganga
✗ 2. Indus
✗ 3. Yamuna
✔ 4. Brahmaputra

Question ID : **9489113322**
Option 1 ID : **94891113286**
Option 2 ID : **94891113285**
Option 3 ID : **94891113288**
Option 4 ID : **94891113287**
Status : **Answered**
Chosen Option : **4**

Q.10 Which of the following methods did Holt Mackenzie develop for collecting revenue in India?

Ans
✗ 1. Ryotwari system
✔ 2. Mahalwari system
✗ 3. Zamindari system
✗ 4. Permanent settlement system

Question ID : **9489113320**
Option 1 ID : **94891113277**
Option 2 ID : **94891113278**
Option 3 ID : **94891113279**
Option 4 ID : **94891113280**
Status : **Answered**
Chosen Option : **4**

Q.11 Name the first month of the national calendar of India based on the Saka Era which was adopted from 22 March 1957 along with the Gregorian calendar for the official purposes.

Ans
- ✗ 1. Magha
- ✗ 2. Vaishakha
- ✓ 3. Chaitra
- ✗ 4. Phalguna

Question ID : **9489113318**
Option 1 ID : **94891113269**
Option 2 ID : **94891113272**
Option 3 ID : **94891113271**
Option 4 ID : **94891113270**
Status : **Answered**
Chosen Option : **3**

Q.12 An article is purchased for ₹200 and sold for ₹350.The percentage gain will be:

Ans
- ✗ 1. 50%
- ✗ 2. 25%
- ✗ 3. 100%
- ✓ 4. 75%

Question ID : **9489113059**
Option 1 ID : **94891112235**
Option 2 ID : **94891112234**
Option 3 ID : **94891112233**
Option 4 ID : **94891112236**
Status : **Answered**
Chosen Option : **4**

Q.13 Select the option that is related to the third term in the same way as the second term is related to the first term.

Mother : Nurturing :: Doctor : ?

Ans
- ✗ 1. Prescribing
- ✗ 2. Operating
- ✓ 3. Curing
- ✗ 4. Diagnosing

Question ID : **9489113275**
Option 1 ID : **94891113100**
Option 2 ID : **94891113097**
Option 3 ID : **94891113099**
Option 4 ID : **94891113098**
Status : **Answered**
Chosen Option : **3**

Q.14 Which was the first social media site?

Ans ✗ 1. LinkedIn

✓ 2. Six Degrees

✗ 3. Myspace

✗ 4. Friendster

Question ID : **9489113338**
Option 1 ID : **94891113351**
Option 2 ID : **94891113349**
Option 3 ID : **94891113352**
Option 4 ID : **94891113350**
Status : **Answered**
Chosen Option : **3**

Q.15 What was the previous name of the Department of AYUSH?

Ans ✗ 1. Department of Health Science

✗ 2. Department of Pharmaceuticals

✗ 3. Department of Health and Family Welfare

✓ 4.

Department of Indian System of Medicine and Homeopathy

Question ID : **9489113342**
Option 1 ID : **94891113368**
Option 2 ID : **94891113365**
Option 3 ID : **94891113366**
Option 4 ID : **94891113367**
Status : **Answered**
Chosen Option : **4**

Q.16 Which of the following options is equal to $\sqrt{2-\sqrt{3}}$?

Ans

✔ 1. $\dfrac{\sqrt{6}-\sqrt{2}}{2}$

✘ 2. $\dfrac{2-\sqrt{3}}{2}$

✘ 3. $\dfrac{\sqrt{6}-\sqrt{3}}{2}$

✘ 4. $\dfrac{\sqrt{2}-\sqrt{3}}{2}$

Question ID : **9489113052**
Option 1 ID : **94891112205**
Option 2 ID : **94891112208**
Option 3 ID : **94891112206**
Option 4 ID : **94891112207**
Status : **Not Answered**
Chosen Option : **--**

Q.17 Looking at a woman walking in the park, a man said, "This woman is the daughter of the sister of my father". How is the woman related to the man?

Ans

✘ 1. Aunt

✘ 2. Sister

✘ 3. Niece

✔ 4. Cousin

Question ID : **9489113303**
Option 1 ID : **94891113211**
Option 2 ID : **94891113210**
Option 3 ID : **94891113209**
Option 4 ID : **94891113212**
Status : **Answered**
Chosen Option : **4**

Q.18 Study the given pattern carefully and select the number that represents the value of x.

36   25   16   9   4
361   x   289   256   225

Ans
X 1. 336
✓ 2. 324
X 3. 316
X 4. 298

Q.19 Who among the following scientists received the Nobel Prize for physiology and medicine for discovery of a bacterium, Helicobacter Pylori which was responsible for peptic ulcers?

Ans
X 1. James P. Allison and Tasuku Honjo
✓ 2. Robin Warren and Barry Marshall
X 3. William C. Campbell and Satoshi Ōmura
X 4. Bruce A. Beutler and Jules A. Hoffmann

Q.20 What is the positive difference between $\frac{5}{16}$ and its reciprocal?

Ans

✗ 1. $2\frac{73}{80}$

✗ 2. $2\frac{61}{80}$

✓ 3. $2\frac{71}{80}$

✗ 4. $2\frac{69}{80}$

Question ID : **9489113047**
Option 1 ID : **94891112188**
Option 2 ID : **94891112186**
Option 3 ID : **94891112185**
Option 4 ID : **94891112187**
Status : **Answered**
Chosen Option : **3**

Q.21 Which fundamental right is violated if a group of people are NOT given permission to open a Telugu-medium school in Kerala?

Ans

✓ 1. Cultural and Educational Rights

✗ 2. Right to Freedom of Religion

✗ 3. Right to Equality

✗ 4. Right to Freedom

Question ID : **9489113329**
Option 1 ID : **94891113316**
Option 2 ID : **94891113315**
Option 3 ID : **94891113313**
Option 4 ID : **94891113314**
Status : **Answered**
Chosen Option : **3**

Q.22 With which country's Ministry of Road Transport and Highways, has India signed a MoU in March, 2019 on Technology Co-operation in the road infrastructure sector?

Ans

✗ 1. France

✗ 2. Canada

✓ 3. Austria

✗ 4. Australia

Question ID : **9489113341**
Option 1 ID : **94891113364**
Option 2 ID : **94891113363**
Option 3 ID : **94891113361**
Option 4 ID : **94891113362**
Status : **Not Answered**
Chosen Option : **--**

Q.23 Which was the last Indian movie to have received a nomination for the Oscars in the best foreign language film category?

Ans
✔ 1. Lagaan

✘ 2. Mother India

✘ 3. Village Rockstars

✘ 4. Salaam Bombay

Question ID : **9489113306**
Option 1 ID : **94891113223**
Option 2 ID : **94891113221**
Option 3 ID : **94891113224**
Option 4 ID : **94891113222**
Status : **Answered**
Chosen Option : **1**

Q.24 The practice of intercropping refers to:

Ans
✔ 1. Growing two or more crops in proximity

✘ 2. Changing crops every time

✘ 3. Growing one plant year after year

✘ 4. Growing different crops at different points of time

Question ID : **9489113311**
Option 1 ID : **94891113241**
Option 2 ID : **94891113244**
Option 3 ID : **94891113243**
Option 4 ID : **94891113242**
Status : **Answered**
Chosen Option : **1**

Q.25 Name the scheme which provides risk coverage of ₹2 lakhs for accidental death or full disability and ₹1 lakh for partial disability to people in the age group 18 to 70 years.

Ans
✘ 1. Pradhan Mantri Mudra Yojana

✔ 2. Pradhan Mantri Suraksha Bima Yojana

✘ 3. Pradhan Mantri Jeevan Jyoti Bima Yojana

✘ 4. Atal Pension Yojana

Question ID : **9489113339**
Option 1 ID : **94891113356**
Option 2 ID : **94891113353**
Option 3 ID : **94891113355**
Option 4 ID : **94891113354**
Status : **Answered**
Chosen Option : **2**

Q.26 In a transaction, profit percentage is 20% of the cost. If the cost increases by 5% but selling price remains the same, how much is the decrease in percentage profit?

Ans   ✗ 1. 7%

   ✓ 2. 14.2%

   ✗ 3. 8%

   ✗ 4. 14%

Question ID : **9489113060**
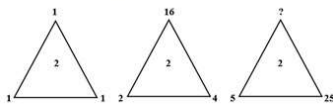Option 1 ID : **94891112239**
Option 2 ID : **94891112237**
Option 3 ID : **94891112238**
Option 4 ID : **94891112240**
Status : **Not Answered**
Chosen Option : **--**

Q.27 Study the given pattern carefully and select the number from the given options that can replace the question mark (?).

Ans   ✗ 1. 5

   ✗ 2. 25

   ✓ 3. 625

   ✗ 4. 125

Question ID : **9489113302**
Option 1 ID : **94891113208**
Option 2 ID : **94891113205**
Option 3 ID : **94891113207**
Option 4 ID : **94891113206**
Status : **Answered**
Chosen Option : **3**

Q.28 Which organisation with its headquarters in Kolkata and 16 regional stations is responsible for surveying the faunal resources of India?

Ans   ✗ 1. National Institute of Animal Welfare

   ✓ 2. Zoological Survey of India

   ✗ 3. Botanical Survey of India

   ✗ 4. Animal Welfare Board of India

Question ID : **9489113323**
Option 1 ID : **94891113292**
Option 2 ID : **94891113289**
Option 3 ID : **94891113290**
Option 4 ID : **94891113291**
Status : **Answered**
Chosen Option : **3**

Q.29 Who among the following musicians won the 'Best Contemporary World Music Album – Global Drum Project' in the year 2008?

Ans
✗ 1. Allah Rakha
✗ 2. Ranjit Barot
✗ 3. Sivamani
✔ 4. Zakir Hussain

Question ID : **9489113304**
Option 1 ID : **94891113216**
Option 2 ID : **94891113215**
Option 3 ID : **94891113214**
Option 4 ID : **94891113213**
Status : **Not Answered**
Chosen Option : **--**

Q.30 Name the scheme that the Government of India announced in Budget 2019, which will provide a guaranteed income of ₹6,000 per year to small and marginal farmers.

Ans
✔ 1. Pradhan Mantri Kisan Samman Nidhi
✗ 2. Pradhan Mantri Krishi Sinchai Yojana
✗ 3. Paramparagat Krishi Vikas Yojana
✗ 4. Pradhan Mantri Fasal Bima Yojana

Question ID : **9489113326**
Option 1 ID : **94891113304**
Option 2 ID : **94891113303**
Option 3 ID : **94891113302**
Option 4 ID : **94891113301**
Status : **Answered**
Chosen Option : **1**

Q.31
What is the value of $\dfrac{1 - \tan^2 A}{1 + \tan^2 A}$?

Ans
✔ 1. $\cos 2A$
✗ 2. $\cos^2 A$
✗ 3. $\sin 2A$
✗ 4. 1

Question ID : **9489113069**
Option 1 ID : **94891112274**
Option 2 ID : **94891112275**
Option 3 ID : **94891112273**
Option 4 ID : **94891112276**
Status : **Answered**
Chosen Option : **3**

Q.32 Area of a square is equal to ten times the area of a rectangle of edge 5 cm × 8 cm. What is the perimeter of the square?

Ans
❌ 1. 120 cm
✅ 2. 80 cm
❌ 3. 60 cm
❌ 4. 40 cm

Question ID : **9489113067**
Option 1 ID : **94891112268**
Option 2 ID : **94891112267**
Option 3 ID : **94891112266**
Option 4 ID : **94891112265**
Status : **Answered**
Chosen Option : **2**

Q.33 To complete a task, A and B take 24 days, B and C take 12 days and A, B and C take 6 days. A and C will take:

Ans
✅ 1. $\frac{24}{5}$ days

❌ 2. 2 days

❌ 3. 4 days

❌ 4. 24 days

Question ID : **9489113063**
Option 1 ID : **94891112249**
Option 2 ID : **94891112252**
Option 3 ID : **94891112251**
Option 4 ID : **94891112250**
Status : **Answered**
Chosen Option : **1**

Q.34 The secret code for 'TREE GOES UNDER THE FLOOR MAT' is 'ASEE JKEZ VMCES ATE DRKKS NQA'. What will the code for 'DRAGON' be?

Ans
❌ 1. JSQCMN
❌ 2. BSQJKM
❌ 3. CSOVRE
✅ 4. CSQJKM

Question ID : **9489113279**
Option 1 ID : **94891113116**
Option 2 ID : **94891113114**
Option 3 ID : **94891113115**
Option 4 ID : **94891113113**
Status : **Answered**
Chosen Option : **4**

Q.35 How many prime numbers are there that are less than 50?

Ans
✗ 1. 16
✗ 2. 13
✔ 3. 15
✗ 4. 14

Question ID : **9489113051**
Option 1 ID : **94891112204**
Option 2 ID : **94891112201**
Option 3 ID : **94891112203**
Option 4 ID : **94891112202**
Status : **Answered**
Chosen Option : **1**

Q.36 If 20% of 160 + 10% of 50 = x − 1, then what will be the value of x?

Ans
✗ 1. 19
✗ 2. −38
✔ 3. 38
✗ 4. 36

Question ID : **9489113057**
Option 1 ID : **94891112225**
Option 2 ID : **94891112226**
Option 3 ID : **94891112227**
Option 4 ID : **94891112228**
Status : **Answered**
Chosen Option : **3**

Q.37 Bardo Chham is folk dance of :

Ans
✗ 1. Uttarakhand
✗ 2. Sikkim
✔ 3. Arunachal Pradesh
✗ 4. West Bengal

Question ID : **9489113309**
Option 1 ID : **94891113233**
Option 2 ID : **94891113235**
Option 3 ID : **94891113234**
Option 4 ID : **94891113236**
Status : **Answered**
Chosen Option : **4**

Q.38 Name the Governor–General under whom a new policy of 'paramountcy' was initiated.

Ans ✗ 1. Lord Wellesley

✔ 2. Lord Hasting

✗ 3. Lord Cornwallis

✗ 4. Lord Dalhousie

Question ID : **9489113321**
Option 1 ID : **94891113283**
Option 2 ID : **94891113282**
Option 3 ID : **94891113281**
Option 4 ID : **94891113284**
Status : **Answered**
Chosen Option : **3**

Q.39 In which of the following cities was India's first bio-refinery plant inaugurated?

Ans ✔ 1. Pune

✗ 2. Valsad

✗ 3. Ahmedabad

✗ 4. Hyderabad

Question ID : **9489113332**
Option 1 ID : **94891113325**
Option 2 ID : **94891113327**
Option 3 ID : **94891113326**
Option 4 ID : **94891113328**
Status : **Not Answered**
Chosen Option : **--**

Q.40 Read the given statement and conclusions carefully and decide which of the conclusions logically follow(s) from the statement.

Statement:

The book 'P' emphasizes only on population of India and its related problems during 2001-2015.

Conclusions:

I. Increasing population is the biggest problem in India.

II. The book is the only book which deals with the problem of population in India.

Ans ✗ 1. Only conclusion II follows

✔ 2. Neither I nor II conclusion follows

✗ 3. Only conclusion I follows

✗ 4. Both I and II conclusion follow

Question ID : **9489113281**
Option 1 ID : **94891113122**
Option 2 ID : **94891113123**
Option 3 ID : **94891113121**
Option 4 ID : **94891113124**
Status : **Answered**
Chosen Option : **4**

Q.41 Which of the following causes kala-azar?

Ans ✔ 1. Protozoa

✘ 2. Virus

✘ 3. Bacteria

✘ 4. Fungi

Question ID : **9489113312**
Option 1 ID : **94891113245**
Option 2 ID : **94891113247**
Option 3 ID : **94891113246**
Option 4 ID : **94891113248**
Status : **Not Answered**
Chosen Option : **--**

Q.42 Out of the four letter-clusters listed, three are alike in some manner and one is different. Select the odd one.

Ans ✘ 1. SUWY

✘ 2. MOQS

✘ 3. BDFH

✔ 4. JLMP

Question ID : **9489113295**
Option 1 ID : **94891113180**
Option 2 ID : **94891113178**
Option 3 ID : **94891113177**
Option 4 ID : **94891113179**
Status : **Answered**
Chosen Option : **4**

Q.43 A can complete a task in 20 days while B can complete it in 30 days. In how many days can A and B working together complete it?

Ans ✘ 1. 4 days

✘ 2. 6 days

✘ 3. 8 days

✔ 4. 12 days

Question ID : **9489113061**
Option 1 ID : **94891112242**
Option 2 ID : **94891112244**
Option 3 ID : **94891112241**
Option 4 ID : **94891112243**
Status : **Answered**
Chosen Option : **4**

Q.44 If the sides of a triangle are 5 cm, 4 cm and 3 cm, what will be its area?

Ans ✗ 1. 12 cm^2

✓ 2. 6 cm^2

✗ 3. 3 cm^2

✗ 4. 2 cm^2

Question ID : **9489113065**
Option 1 ID : **94891112260**
Option 2 ID : **94891112259**
Option 3 ID : **94891112258**
Option 4 ID : **94891112257**
Status : **Answered**
Chosen Option : **2**

Q.45 If $\dfrac{\cos A}{1 - \sin A} + \dfrac{\cos A}{1 + \sin A} = 4$, then what will be the value of A?

Ans ✗ 1. $90°$

✓ 2. $60°$

✗ 3. $30°$

✗ 4. $45°$

Question ID : **9489113070**
Option 1 ID : **94891112277**
Option 2 ID : **94891112279**
Option 3 ID : **94891112278**
Option 4 ID : **94891112280**
Status : **Answered**
Chosen Option : **2**

Q.46 Which of the following are present only in plant cells?

Ans ✗ 1. Nucleus

✗ 2. Golgi apparatus

✓ 3. Plastids

✗ 4. Mitochondrion

Question ID : **9489113315**
Option 1 ID : **94891113258**
Option 2 ID : **94891113259**
Option 3 ID : **94891113257**
Option 4 ID : **94891113260**
Status : **Answered**
Chosen Option : **3**

Q.47 The value of $\left(\dfrac{\sin 29°}{\cos 61°} - 4(\cos^2 31° + \cos^2 59°) + \dfrac{1}{\sqrt{3}} \tan 27° \sin 60° \tan 63° \right)$ is:

Ans ✔ 1. $-\dfrac{5}{2}$

✘ 2. 10

✘ 3. $\dfrac{1}{2}$

✘ 4. -5

Question ID : **9489113073**
Option 1 ID : **94891112290**
Option 2 ID : **94891112292**
Option 3 ID : **94891112291**
Option 4 ID : **94891112289**
Status : **Answered**
Chosen Option : **1**

Q.48 PETA India started in the year _____.

Ans ✔ 1. 2000

✘ 2. 2003

✘ 3. 2002

✘ 4. 2001

Question ID : **9489113325**
Option 1 ID : **94891113297**
Option 2 ID : **94891113300**
Option 3 ID : **94891113299**
Option 4 ID : **94891113298**
Status : **Not Answered**
Chosen Option : **--**

Q.49 Which of the following is an animal hormone?

Ans ✘ 1. Auxin

✘ 2. Gibberellins

✔ 3. Insulin

✘ 4. Cytokinins

Question ID : **9489113316**
Option 1 ID : **94891113264**
Option 2 ID : **94891113261**
Option 3 ID : **94891113263**
Option 4 ID : **94891113262**
Status : **Not Answered**
Chosen Option : **--**

Q.50 What will be $41\frac{2}{3}\%$ of ₹84?

Ans
- ✗ 1. ₹40
- ✗ 2. ₹45
- ✗ 3. ₹25
- ✔ 4. ₹35

Question ID : **9489113056**
Option 1 ID : **94891112224**
Option 2 ID : **94891112223**
Option 3 ID : **94891112222**
Option 4 ID : **94891112221**
Status : **Answered**
Chosen Option : **4**

Q.51 The value of

$5 + 5 \times 2 \div 5$ is:

Ans
- ✗ 1. 1
- ✗ 2. 10
- ✔ 3. 7
- ✗ 4. 3

Question ID : **9489113044**
Option 1 ID : **94891112176**
Option 2 ID : **94891112175**
Option 3 ID : **94891112174**
Option 4 ID : **94891112173**
Status : **Answered**
Chosen Option : **3**

Q.52 Which battle laid the foundation of British colonialism in India?

Ans
- ✗ 1. Battle of Buxar
- ✗ 2. Second Anglo–Sikh war
- ✔ 3. Battle of Plassey
- ✗ 4. Siege of Srirangapatna

Question ID : **9489113319**
Option 1 ID : **94891113274**
Option 2 ID : **94891113276**
Option 3 ID : **94891113273**
Option 4 ID : **94891113275**
Status : **Answered**
Chosen Option : **3**

Q.53 Silver ornaments become black after some time when exposed to air because:

Ans ✗ 1.

Silver reacts with hydrogen in the air to form silver hydride.

✓ 2.

Silver reacts with sulphur in the air to form silver sulphide.

✗ 3. Silver reacts with carbon in the air to form silver carbide

✗ 4. Silver reacts with nitrogen in the air to form silver nitride.

Question ID : **9489113314**
Option 1 ID : **94891113253**
Option 2 ID : **94891113255**
Option 3 ID : **94891113256**
Option 4 ID : **94891113254**
Status : **Answered**
Chosen Option : **3**

Q.54 Find the total number of triangles in the following figure.
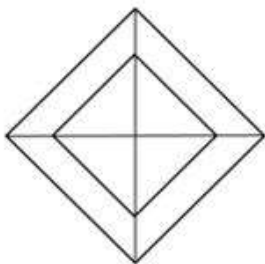
Ans ✗ 1. 12

✗ 2. 20

✗ 3. 8

✓ 4. 16

Question ID : **9489113301**
Option 1 ID : **94891113202**
Option 2 ID : **94891113204**
Option 3 ID : **94891113201**
Option 4 ID : **94891113203**
Status : **Answered**
Chosen Option : **4**

Q.55 The 'Animal Welfare Board of India' established in the year 1962, under Section 4 of the 'Prevention of Cruelty to Animals Act,1960', is a statutory advisory body, formed for advising the Government of India, on animal welfare laws, falls under which ministry?

Ans ✗ 1. Ministry of food and agriculture

✓ 2. Ministry of environment and forest and climate change

✗ 3. Ministry of earth sciences

✗ 4. Ministry of law and justice

Question ID : **9489113324**
Option 1 ID : **94891113293**
Option 2 ID : **94891113294**
Option 3 ID : **94891113295**
Option 4 ID : **94891113296**
Status : **Answered**
Chosen Option : **2**

Q.56 50% of a number added to 20% of 40 gives a sum of 20. What is the number?

Ans ✗ 1. 20

✓ 2. 24

✗ 3. 40

✗ 4. 32

Question ID : **9489113049**
Option 1 ID : **94891112193**
Option 2 ID : **94891112194**
Option 3 ID : **94891112196**
Option 4 ID : **94891112195**
Status : **Answered**
Chosen Option : **2**

Q.57 What is the value of $\sqrt{\dfrac{1+\sin A}{1-\sin A}}$?

Ans ✓ 1. $\sec A + \tan A$

✗ 2. $\sec A - \tan A$

✗ 3. $\cos A + \tan A$

✗ 4. $\cos A + \sin A$

Question ID : **9489113068**
Option 1 ID : **94891112272**
Option 2 ID : **94891112271**
Option 3 ID : **94891112270**
Option 4 ID : **94891112269**
Status : **Not Answered**
Chosen Option : **--**

Q.58 If $a : b = 5 : 3$ and $b : c = 3 : 7$, then what will be the value of $a : c$?

Ans

✗ 1. $\dfrac{3}{7}$

✓ 2. $\dfrac{5}{7}$

✗ 3. $\dfrac{15}{7}$

✗ 4. $\dfrac{25}{7}$

Question ID : **9489113054**
Option 1 ID : **94891112213**
Option 2 ID : **94891112214**
Option 3 ID : **94891112215**
Option 4 ID : **94891112216**
Status : **Answered**
Chosen Option : **2**

Q.59 Select the combination of letters that when sequentially placed in the blanks will create a logical pattern.

abc _ _ d cde d _ _ e _ b

Ans

✓ 1. b; c; e; a; a

✗ 2. c; d; e; a; c

✗ 3. b; c; e; a; c

✗ 4. d; e; a; b; c

Question ID : **9489113286**
Option 1 ID : **94891113141**
Option 2 ID : **94891113143**
Option 3 ID : **94891113144**
Option 4 ID : **94891113142**
Status : **Not Answered**
Chosen Option : **--**

Q.60 UN World Wildlife day is celebrated on _____.

Ans
❌ 1. 5th June

✅ 2. 3rd March

❌ 3. 7th July

❌ 4. 11th November

Question ID : **9489113334**
Option 1 ID : **94891113333**
Option 2 ID : **94891113334**
Option 3 ID : **94891113336**
Option 4 ID : **94891113335**
Status : **Not Answered**
Chosen Option : **--**

Q.61 If $\dfrac{\sqrt{5}+\sqrt{2}}{\sqrt{5}-\sqrt{2}} = a + b\sqrt{10}$, then which of the following is correct?

Ans
❌ 1. $a = \dfrac{1}{3}, b = \dfrac{2}{3}$

❌ 2. $a = \dfrac{7}{3}, \ b = \dfrac{1}{3}$

❌ 3. $a = b = \dfrac{1}{3}$

✅ 4. $a = \dfrac{7}{3}, \ b = \dfrac{2}{3}$

Question ID : **9489113064**
Option 1 ID : **94891112253**
Option 2 ID : **94891112254**
Option 3 ID : **94891112256**
Option 4 ID : **94891112255**
Status : **Not Answered**
Chosen Option : **--**

Q.62 Which ministry launched the website e-Sahaj that allows organizations/firms/ companies/individuals to apply for security clearance from anywhere over the internet?

Ans
✅ 1. Ministry of Home Affairs

❌ 2. Ministry of External Affairs

❌ 3. Ministry of Electronics and Information Technology

❌ 4. Ministry of Corporate Affairs

Question ID : **9489113343**
Option 1 ID : **94891113369**
Option 2 ID : **94891113371**
Option 3 ID : **94891113372**
Option 4 ID : **94891113370**
Status : **Answered**
Chosen Option : **2**

Q.63 Who was the first Vice-President of India to be elected as President by second preference count of votes in the presidential elections?

Ans
- ✔ 1. VV Giri
- ✘ 2. Shankar Dayal Sharma
- ✘ 3. KR Narayanan
- ✘ 4. Ramaswami Venkataraman

Question ID : **9489113328**
Option 1 ID : **94891113311**
Option 2 ID : **94891113309**
Option 3 ID : **94891113312**
Option 4 ID : **94891113310**
Status : **Answered**
Chosen Option : **3**

Q.64 Under which ministry was the National Mission for Manuscripts established in February 2003?

Ans
- ✔ 1. Ministry of Culture
- ✘ 2. Ministry of Finance
- ✘ 3. Ministry of Human Resource Development
- ✘ 4. Ministry of Tourism

Question ID : **9489113310**
Option 1 ID : **94891113238**
Option 2 ID : **94891113240**
Option 3 ID : **94891113237**
Option 4 ID : **94891113239**
Status : **Answered**
Chosen Option : **1**

Q.65 $25.12 \times 37.5 = 942$. What is the value of 2512×0.00375?

Ans
- ✘ 1. 0.0942
- ✔ 2. 9.42
- ✘ 3. 94.2
- ✘ 4. 0.942

Question ID : **9489113048**
Option 1 ID : **94891112192**
Option 2 ID : **94891112190**
Option 3 ID : **94891112189**
Option 4 ID : **94891112191**
Status : **Answered**
Chosen Option : **1**

Q.66 The value of

$3 \div 1 - 2 + 3$ is:

Ans ✔ 1. 4

✘ 2. −1

✘ 3. 7

✘ 4. −3

Question ID : **9489113045**
Option 1 ID : **94891112177**
Option 2 ID : **94891112178**
Option 3 ID : **94891112179**
Option 4 ID : **94891112180**
Status : **Answered**
Chosen Option : **1**

Q.67 Read the given statement and conclusions carefully and decide which of the conclusions logically follow(s) from the statement.

Statement:

The patient who was brought to the emergency during the last night would have survived if the surgery was done sometime before.
Conclusions:

I. Surgery was the only option for survival.
II. Patient was brought to the hospital late.

Ans ✔ 1. Only conclusion I follows

✘ 2. Neither I nor II conclusion follows

✘ 3. Only conclusion II follows

✘ 4. Both I and II conclusion follow

Question ID : **9489113282**
Option 1 ID : **94891113125**
Option 2 ID : **94891113127**
Option 3 ID : **94891113126**
Option 4 ID : **94891113128**
Status : **Answered**
Chosen Option : **3**

Q.68 Name the scheme initiated to protect elderly persons aged 60 years and above against a future fall in their interest income due to the uncertain market conditions.

Ans ✗ 1. Varishtha Pension Bima Yojana 2003

✗ 2. Varishtha Pension Bima Yojana 2014 (VPBY-2014)

✔ 3. Pradhan Mantri Vaya Vandana Yojana

✗ 4. Atal Pension Yojana (APY)

Question ID : **9489113340**
Option 1 ID : **94891113357**
Option 2 ID : **94891113358**
Option 3 ID : **94891113359**
Option 4 ID : **94891113360**
Status : **Answered**
Chosen Option : **3**

Q.69 Considering India's global leadership in environmental protection and climate change sectors, which organisation had chosen India as the global host for World Environment Day (WED) on 5th June, 2018?

Ans ✗ 1. International Union for Conservation of Nature

✗ 2. Global Green Growth Institute

✔ 3. United Nations Environment Programme

✗ 4. European Environment Agency

Question ID : **9489113333**
Option 1 ID : **94891113330**
Option 2 ID : **94891113329**
Option 3 ID : **94891113331**
Option 4 ID : **94891113332**
Status : **Answered**
Chosen Option : **3**

Q.70 Who received the Padma Bhushan for Arts in the year 2020?

Ans ✔ 1. Ajay Chakravorty

✗ 2. Venu Srinivasan

✗ 3. Chhannhulal Mishra

✗ 4. Guru Shashadhar Acharya

Question ID : **9489113305**
Option 1 ID : **94891113219**
Option 2 ID : **94891113218**
Option 3 ID : **94891113217**
Option 4 ID : **94891113220**
Status : **Not Answered**
Chosen Option : **--**

Q.71 Which Constitutional Amendment led to inclusion of Sikkim in the Indian Union?

Ans
- ✗ 1. 33rd Amendment
- ✗ 2. 37th Amendment
- ✔ 3. 36th Amendment
- ✗ 4. 34th Amendment

Question ID : **9489113327**
Option 1 ID : **94891113305**
Option 2 ID : **94891113308**
Option 3 ID : **94891113306**
Option 4 ID : **94891113307**
Status : **Answered**
Chosen Option : **1**

Q.72 The LCM of 63, 36 and x is 252. Which of the following options CANNOT be a value of x?

Ans
- ✗ 1. 28
- ✗ 2. 42
- ✗ 3. 14
- ✔ 4. 56

Question ID : **9489113050**
Option 1 ID : **94891112198**
Option 2 ID : **94891112199**
Option 3 ID : **94891112197**
Option 4 ID : **94891112200**
Status : **Answered**
Chosen Option : **3**

Q.73 How many times does the second hand of a clock meet 12 in 6 hours?

Ans
- ✗ 1. 60
- ✗ 2. 240
- ✗ 3. 120
- ✔ 4. 360

Question ID : **9489113283**
Option 1 ID : **94891113129**
Option 2 ID : **94891113131**
Option 3 ID : **94891113130**
Option 4 ID : **94891113132**
Status : **Answered**
Chosen Option : **4**

Q.74 Which of the following dates is commemorated as National Technology Day in India?

Ans
✗ 1. May 2
✗ 2. May 1
✗ 3. May 7
✔ 4. May 11

Question ID : **9489113330**
Option 1 ID : **94891113318**
Option 2 ID : **94891113320**
Option 3 ID : **94891113319**
Option 4 ID : **94891113317**
Status : **Answered**
Chosen Option : **4**

Q.75 Name the scheme started by the Department of Science and Technology that provides a platform to women scientists and technologists for pursuing research in basic or applied sciences in the frontier areas of science and engineering.

Ans
✗ 1. Women Scientists Scheme-B (WOS-B)
✗ 2. Mobility Scheme
✔ 3. Women Scientists Scheme-A (WOS-A)
✗ 4. Women Scientists Scheme-C (WOS-C)

Question ID : **9489113331**
Option 1 ID : **94891113323**
Option 2 ID : **94891113321**
Option 3 ID : **94891113324**
Option 4 ID : **94891113322**
Status : **Not Answered**
Chosen Option : **--**

Q.76 In a certain code 2307 means 'See you on Monday', 638 means 'Monday is working' and 4079 as 'Meet you on Sunday.' 697 means 'You working class'. What number represents the word 'working'?

Ans
✔ 1. 6
✗ 2. 7
✗ 3. 9
✗ 4. 3

Question ID : **9489113277**
Option 1 ID : **94891113105**
Option 2 ID : **94891113106**
Option 3 ID : **94891113108**
Option 4 ID : **94891113107**
Status : **Answered**
Chosen Option : **1**

Q.77 If $a + b = 5$ and $ab = 13$, then what will be the value of $a^3 + b^3$?

Ans
✗ 1. 30
✗ 2. 60
✗ 3. 12
✓ 4. −70

Question ID : **9489113066**
Option 1 ID : **94891112263**
Option 2 ID : **94891112264**
Option 3 ID : **94891112261**
Option 4 ID : **94891112262**
Status : **Not Answered**
Chosen Option : **--**

Q.78 As of October 2020, name the head of Instagram who oversees all functions of the business including engineering, production and operations.

Ans
✗ 1. Steve Wozniak
✗ 2. Ronald Wayne.
✓ 3. Adam Mosseri
✗ 4. Mark Zuckerberg

Question ID : **9489113337**
Option 1 ID : **94891113345**
Option 2 ID : **94891113348**
Option 3 ID : **94891113347**
Option 4 ID : **94891113346**
Status : **Answered**
Chosen Option : **4**

Q.79 15% of a number is 165. Find the number.

Ans
✓ 1. 1100
✗ 2. 1200
✗ 3. 1350
✗ 4. 1500

Question ID : **9489113046**
Option 1 ID : **94891112183**
Option 2 ID : **94891112184**
Option 3 ID : **94891112182**
Option 4 ID : **94891112181**
Status : **Answered**
Chosen Option : **1**

Q.80 If $a : b = 2 : 7$, then what will be the value of $(3a + 2b) : (5a - 2b)$?

Ans

✗ 1. $\dfrac{1}{7}$

✔ 2. -5

✗ 3. 0

✗ 4. 5

Question ID : **9489113055**
Option 1 ID : **94891112220**
Option 2 ID : **94891112218**
Option 3 ID : **94891112219**
Option 4 ID : **94891112217**
Status : **Answered**
Chosen Option : **2**

Q.81 If 10% of 980 − x% of 450 = 5% of 160, then what will be the value of x?

Ans

✗ 1. 25

✗ 2. 22

✔ 3. 20

✗ 4. 15

Question ID : **9489113058**
Option 1 ID : **94891112232**
Option 2 ID : **94891112231**
Option 3 ID : **94891112229**
Option 4 ID : **94891112230**
Status : **Answered**
Chosen Option : **3**

Q.82 Select the word pair that shares a similar relationship as the word pair shown below.

Word : Book

Ans

✗ 1. Song : Music

✔ 2. Leaf : Tree

✗ 3. Sweet : Sugar

✗ 4. Sleep : Bed

Question ID : **9489113274**
Option 1 ID : **94891113096**
Option 2 ID : **94891113094**
Option 3 ID : **94891113095**
Option 4 ID : **94891113093**
Status : **Answered**
Chosen Option : **2**

Q.83 In which city, on the ghats of the Shipra river, is the Kumbh Mela organised?

Ans ✔ 1. Ujjain

✘ 2. Nashik

✘ 3. Prayagraj

✘ 4. Haridwar

Q.84 Lala Lajpat Rai died protesting which British government decision?

Ans ✔ 1. Simon Commission

✘ 2. Rowlatt Act

✘ 3. Morley-Minto Reforms

✘ 4. Government of India Act, 1919

Q.85 If $a\cot\theta = b$, then what will be the value of $\dfrac{b\cos\theta - a\sin\theta}{b\cos\theta + a\sin\theta}$?

Ans ✘ 1. 0

✘ 2. $b^2 + a^2$

✔ 3. $\dfrac{b^2 - a^2}{b^2 + a^2}$

✘ 4. $\dfrac{b^2 + a^2}{b^2 - a^2}$

Q.86 The given graph represents the sales (in thousand) of ABC and XYZ book in different countries in 2007.
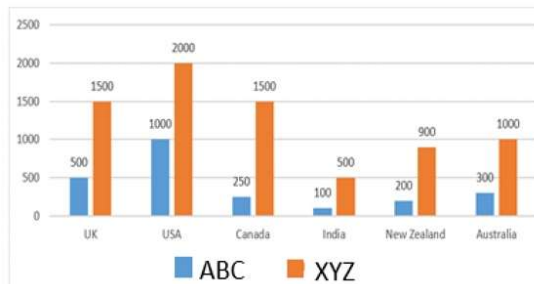
Select the option that represents the ratio of sales in New Zealand to that in India for both the books.

Ans ✔ 1. 11 : 6

✘ 2. 6 : 11

✘ 3. 9 : 5

✘ 4. 2 : 1

Question ID : **9489113289**
Option 1 ID : **94891113154**
Option 2 ID : **94891113153**
Option 3 ID : **94891113155**
Option 4 ID : **94891113156**
Status : **Answered**
Chosen Option : **1**

Q.87 The given graph represents the sales (in thousand) of ABC and XYZ book in different countries in 2007.
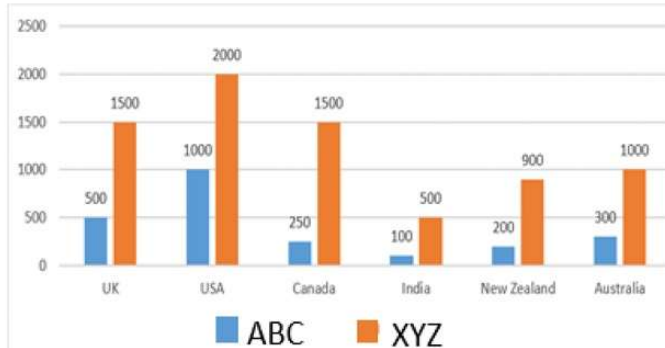
Total sales for both books in Australia is what percentage of sales in UK?

Ans ✘ 1. 6.5%

✔ 2. 65%

✘ 3. 0.65%

✘ 4. 60%

Question ID : **9489113290**
Option 1 ID : **94891113157**
Option 2 ID : **94891113159**
Option 3 ID : **94891113160**
Option 4 ID : **94891113158**
Status : **Answered**
Chosen Option : **2**

Q.88 The given graph represents the sales (in thousand) of ABC and XYZ book in different countries in 2007.
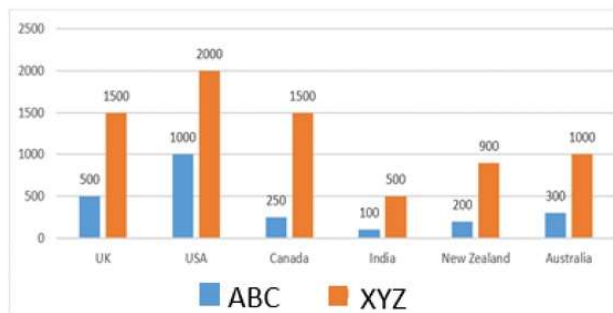
What is the percentage sales of USA for ABC to rest of other countries except Canada.

Ans

✗ 1. 99.9%

✔ 2. 90.9%

✗ 3. 91%

✗ 4. 110%

Q.89 The given graph represents the sales (in thousand) of ABC and XYZ book in different countries in 2007.
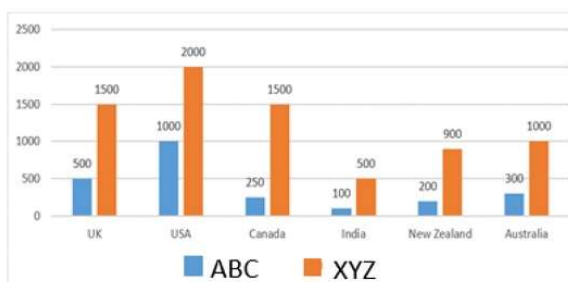
What is the approximate percentage share of Sales in USA to that Worldwide sales for Book XYZ?

Ans

✗ 1. 74%

✗ 2. 37%

✗ 3. 43%

✔ 4. 27%

Q.90
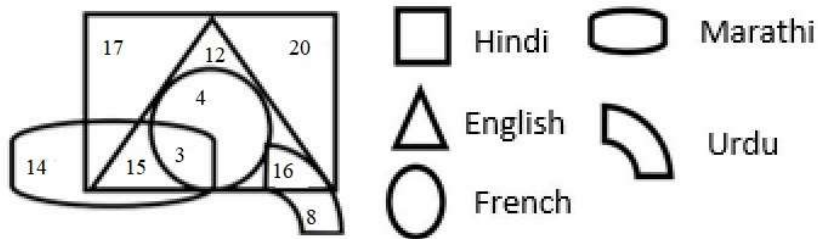
The diagram represents the number of students in a school, who can speak different languages.

How many students can speak French?

Ans

✗ 1. 12

✔ 2. 7

✗ 3. 15

✗ 4. 4

Q.91

9	3	27	36
16	4	64	80
64	8	512	576
A	7	343	B

In the above table, which two numbers will replace alphabet A and B, respectively?

Ans

✗ 1. 25 and 278

✔ 2. 49 and 392

✗ 3. 121 and 478

✗ 4. 36 and 336

Q.92 John and Jenny stood at a point facing the north. John left Jenny in the morning and walked towards the west for 3 km, taking 15 minutes. Then he moved towards the south for 4 km, taking 25 minutes. What is the shortest distance Jenny needs to travel to meet John?

Ans ✖ 1. 8 km

✖ 2. 4 km

✔ 3. 5 km

✖ 4. 7 km

Question ID : **9489113284**
Option 1 ID : **94891113133**
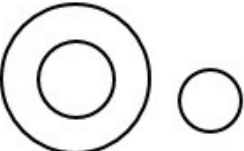Option 2 ID : **94891113134**
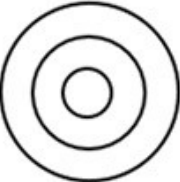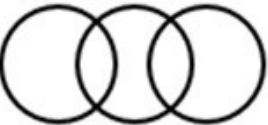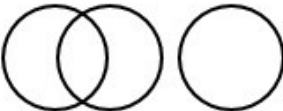Option 3 ID : **94891113135**
Option 4 ID : **94891113136**
Status : **Answered**
Chosen Option : **3**

Q.93 There is a shop that sells both burgers and sandwiches. Some customers want only a burger and some want only a sandwich. There are some customers who want neither a burger nor a sandwich. The rest of the customers want both a burger and a sandwich. Which of the following Venn diagrams correctly represents these situations?

Ans

✖ 1.

✖ 2.

✖ 3.

✔ 4.

Question ID : **9489113297**
Option 1 ID : **94891113186**
Option 2 ID : **94891113188**
Option 3 ID : **94891113187**
Option 4 ID : **94891113185**
Status : **Answered**
Chosen Option : **4**

Q.94 Study the given pattern carefully and select the number from among the given options that can replace the question mark (?).

196	
5	8
6	2
2	3
5	?

Ans   ✗ 1. 2

     ✗ 2. 4

     ✔ 3. 3

     ✗ 4. 1

Q.95 From the given options, replace the (?) with the option that represents some relationship between the alphabets given in the image?
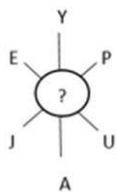
Ans   ✗ 1. B

     ✗ 2. O

     ✔ 3. Z

     ✗ 4. X

Q.96 Pointing to a photograph John said, "She is the only granddaughter of the husband of my mother's sister." How is the person in the photograph related to John.

Ans
- ✗ 1. Granddaughter
- ✗ 2. Sister
- ✔ 3. Niece
- ✗ 4. Daughter

Question ID : **9489113278**
Option 1 ID : **94891113112**
Option 2 ID : **94891113110**
Option 3 ID : **94891113111**
Option 4 ID : **94891113109**
Status : **Answered**
Chosen Option : **3**

Q.97 In a certain code language. If TREE is SQDD, which of the below options will be CUSHION?

Ans
- ✗ 1. DVTIJPO
- ✔ 2. BTRGHNM
- ✗ 3. BTRGJPM
- ✗ 4. BVQIPOM

Question ID : **9489113276**
Option 1 ID : **94891113103**
Option 2 ID : **94891113101**
Option 3 ID : **94891113104**
Option 4 ID : **94891113102**
Status : **Answered**
Chosen Option : **2**

Q.98 Out of the four numbers listed, three are alike in some manner and one is different. Select the odd one.

118, 146, 182, 226

Ans
- ✔ 1. 182
- ✗ 2. 146
- ✗ 3. 118
- ✗ 4. 226

Question ID : **9489113288**
Option 1 ID : **94891113150**
Option 2 ID : **94891113151**
Option 3 ID : **94891113149**
Option 4 ID : **94891113152**
Status : **Not Answered**
Chosen Option : **--**

Q.99 Select the correct option that can fill in the blank in the below series.

96, 86, 106, 76, ____, 106, 56, 46, 106

Ans ✗ 1. 46

✗ 2. 106

✗ 3. 56

✔ 4. 66

Question ID : **9489113285**
Option 1 ID : **94891113139**
Option 2 ID : **94891113137**
Option 3 ID : **94891113140**
Option 4 ID : **94891113138**
Status : **Not Answered**
Chosen Option : **--**

Q.100 Out of the musical instruments listed, three are alike in some manner and one is different. Select the odd one.

Ans ✗ 1. Guitar

✗ 2. Violin

✔ 3. Piano

✗ 4. Sitar

Question ID : **9489113293**
Option 1 ID : **94891113170**
Option 2 ID : **94891113169**
Option 3 ID : **94891113171**
Option 4 ID : **94891113172**
Status : **Answered**
Chosen Option : **3**