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	St. Xavier International School
Test Date	27/03/2021
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 What is the mean deviation of eight observations?

6, 7, 10, 12, 13, 4, 8, 12

Ans ✔ 1. 2.75
✘ 2. 2.25
✘ 3. 2
✘ 4. 2.5

Question ID : **94891111869**
Option 1 ID : **94891147473**
Option 2 ID : **94891147475**
Option 3 ID : **94891147476**
Option 4 ID : **94891147474**
Status : **Answered**
Chosen Option : **1**

Q.2 A/an _____ is required for booting a computer.

Ans ✘ 1. Compiler
✘ 2. Assembler
✔ 3. Operating system
✘ 4. Translator

Question ID : **94891111736**
Option 1 ID : **94891146944**
Option 2 ID : **94891146943**
Option 3 ID : **94891146941**
Option 4 ID : **94891146942**
Status : **Answered**
Chosen Option : **3**

Q.3 Who discovered the law of planetary motion?

Ans ✗ 1. Newton

  ✓ 2. Kepler

  ✗ 3. Einstein

  ✗ 4. Galileo

Question ID : **94891111715**
Option 1 ID : **94891146860**
Option 2 ID : **94891146857**
Option 3 ID : **94891146858**
Option 4 ID : **94891146859**
Status : **Answered**
Chosen Option : **2**

Q.4 The way the brain interprets the frequency of an emitted sound is called the _____.

Ans ✗ 1. amplitude

  ✗ 2. sound

  ✓ 3. pitch

  ✗ 4. wave

Question ID : **94891111711**
Option 1 ID : **94891146841**
Option 2 ID : **94891146844**
Option 3 ID : **94891146843**
Option 4 ID : **94891146842**
Status : **Answered**
Chosen Option : **3**

Q.5 Which of the following portal has been launched in Feb 2021 to provide municipal services to the citizens of Cantonment boards across India?

Ans ✗ 1. e-Alert

  ✗ 2. e-Smart

  ✓ 3. e-Chhawani

  ✗ 4. e-Jawan

Question ID : **94891111704**
Option 1 ID : **94891146816**
Option 2 ID : **94891146813**
Option 3 ID : **94891146815**
Option 4 ID : **94891146814**
Status : **Answered**
Chosen Option : **4**

Q.6 When the positive integer K is divided by 18, the remainder is 9. What is the remainder when K is divided by 6?

Ans ✗ 1. 4

✓ 2. 3

✗ 3. 2

✗ 4. 1

Question ID : **94891111846**
Option 1 ID : **94891147383**
Option 2 ID : **94891147384**
Option 3 ID : **94891147382**
Option 4 ID : **94891147381**
Status : **Answered**
Chosen Option : **2**

Q.7 Which of the following options has the fractions in ascending order?

Ans ✓ 1. $\dfrac{3}{8}, \dfrac{2}{5}, \dfrac{9}{11}, \dfrac{5}{6}, \dfrac{6}{7}$

✗ 2. $\dfrac{2}{5}, \dfrac{6}{7}, \dfrac{9}{11}, \dfrac{3}{8}, \dfrac{5}{6}$

✗ 3. $\dfrac{9}{11}, \dfrac{6}{7}, \dfrac{5}{6}, \dfrac{2}{5}, \dfrac{3}{8}$

✗ 4. $\dfrac{6}{7}, \dfrac{5}{6}, \dfrac{9}{11}, \dfrac{2}{5}, \dfrac{3}{8}$

Question ID : **94891111849**
Option 1 ID : **94891147394**
Option 2 ID : **94891147396**
Option 3 ID : **94891147393**
Option 4 ID : **94891147395**
Status : **Answered**
Chosen Option : **1**

Q.8 The top of a 12 m high tower makes an angle of depression of 60°with the bottom of an electric pole and angle of depression of 30°with the top of the pole. What is the height of the electric pole?

Ans ✗ 1. 10 m

✗ 2. 9 m

✓ 3. 8 m

✗ 4. 11 m

Question ID : **94891111870**
Option 1 ID : **94891147479**
Option 2 ID : **94891147478**
Option 3 ID : **94891147477**
Option 4 ID : **94891147480**
Status : **Not Answered**
Chosen Option : **--**

Q.9 Solve the following.

$$55 + [29 - \{25 - (6 - 24 \div 6 \times 8)\}] = ?$$

Ans ✔ 1. 33

✘ 2. 41

✘ 3. 63

✘ 4. 59

Q.10 The two sides of a triangle measure 10 cm and 8 cm respectively. The area of the triangle is equal to $16\sqrt{6}\ cm^2$. Find the length of the third side, given that it is a rational number.

Ans ✘ 1. 16 cm

✘ 2. 10 cm

✔ 3. 14 cm

✘ 4. 12 cm

Q.11 The mean of the ages of three friends is 22. If the mean of the ages of four friends is 24, then find the age of the fourth friend.

Ans ✘ 1. 24

✔ 2. 30

✘ 3. 31

✘ 4. 22

Q.12 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
1. All soldiers have a rifle.
2. Aayush is a soldier.

Conclusions:
I.   Aayush has a rifle.
II. People other than soldiers do not have rifles.

Ans ✔ 1. Only conclusion I follows.

✘ 2. Only conclusion II follows.

✘ 3. Both conclusions I and II follow.

✘ 4. Neither conclusion I nor II follows.

Question ID : **94891111977**
Option 1 ID : **94891147905**
Option 2 ID : **94891147906**
Option 3 ID : **94891147907**
Option 4 ID : **94891147908**
Status : **Answered**
Chosen Option : **1**

Q.13 The provision of a quasi-federal form of government for India was adopted from:

Ans ✘ 1. Russia

✘ 2. Britain

✔ 3. Canada

✘ 4. Ireland

Question ID : **94891111727**
Option 1 ID : **94891146906**
Option 2 ID : **94891146905**
Option 3 ID : **94891146907**
Option 4 ID : **94891146908**
Status : **Answered**
Chosen Option : **3**

Q.14 If today (23/02/2012) is Thursday, then what day will it be after 91 days?

Ans ✔ 1. Thursday

✘ 2. Wednesday

✘ 3. Friday

✘ 4. Tuesday

Question ID : **94891111988**
Option 1 ID : **94891147951**
Option 2 ID : **94891147949**
Option 3 ID : **94891147952**
Option 4 ID : **94891147950**
Status : **Answered**
Chosen Option : **1**

Q.15 A person can complete a journey in 12 h. He travels the first half of the journey at a speed of 18 km/h and the second half at a speed of 30 km/h. Find the total journey in km.

Ans ✗ 1. 300

✓ 2. 270

✗ 3. 180

✗ 4. 210

Question ID : **94891111862**
Option 1 ID : **94891147445**
Option 2 ID : **94891147446**
Option 3 ID : **94891147447**
Option 4 ID : **94891147448**
Status : **Answered**
Chosen Option : **2**

Q.16 As of Dec 2020, the Vice Chairman of NITI Aayog is:

Ans ✓ 1. Rajiv Kumar

✗ 2. Arvind Subramanian

✗ 3. Amitabh Kant

✗ 4. Narendra Modi

Question ID : **94891111740**
Option 1 ID : **94891146958**
Option 2 ID : **94891146960**
Option 3 ID : **94891146957**
Option 4 ID : **94891146959**
Status : **Answered**
Chosen Option : **1**

Q.17 What is the dimension of the ₹2,000 bank note?

Ans ✗ 1. 65 mm × 165 mm

✗ 2. 60 mm × 180 mm

✓ 3. 66 mm × 166 mm

✗ 4. 66 mm × 146 mm

Question ID : **94891111739**
Option 1 ID : **94891146956**
Option 2 ID : **94891146955**
Option 3 ID : **94891146953**
Option 4 ID : **94891146954**
Status : **Not Answered**
Chosen Option : **--**

Q.18 The Indian dance form 'Manipuri' mostly portrays themes based on:

Ans
✔ 1. Krishna-Gopis
✘ 2. Lord Brahma
✘ 3. Lord Shiva
✘ 4. Lord Vishnu

Question ID : **94891111710**
Option 1 ID : **94891146838**
Option 2 ID : **94891146840**
Option 3 ID : **94891146837**
Option 4 ID : **94891146839**
Status : **Not Answered**
Chosen Option : **--**

Q.19 A sum of ₹12,400 amounts to ₹14,632 in 3 years at a rate of simple interest. What is the rate of interest per annum?

Ans
✔ 1. 6%
✘ 2. 5%
✘ 3. 4%
✘ 4. 3%

Question ID : **94891111855**
Option 1 ID : **94891147420**
Option 2 ID : **94891147419**
Option 3 ID : **94891147418**
Option 4 ID : **94891147417**
Status : **Answered**
Chosen Option : **1**

Q.20 A number, when 42 is subtracted from it, reduces to its 70%. What is two-fifth of that number?

Ans
✘ 1. 140
✘ 2. 84
✔ 3. 56
✘ 4. 100

Question ID : **94891111857**
Option 1 ID : **94891147425**
Option 2 ID : **94891147427**
Option 3 ID : **94891147426**
Option 4 ID : **94891147428**
Status : **Answered**
Chosen Option : **3**

Q.21 The _____ is responsible for the construction and maintenance of national highways.

Ans
- ✗ 1. State legislative assembly
- ✔ 2. Central government
- ✗ 3. Supreme court
- ✗ 4. President of India

Question ID : **94891111742**
Option 1 ID : **94891146965**
Option 2 ID : **94891146967**
Option 3 ID : **94891146966**
Option 4 ID : **94891146968**
Status : **Answered**
Chosen Option : **2**

Q.22 In Microsoft Word 2016, to remove paragraph formatting, one must press the shortcut keys _____.

Ans
- ✗ 1. Ctrl + M
- ✔ 2. Ctrl + Q
- ✗ 3. Ctrl + J
- ✗ 4. Ctrl + Y

Question ID : **94891111738**
Option 1 ID : **94891146952**
Option 2 ID : **94891146951**
Option 3 ID : **94891146949**
Option 4 ID : **94891146950**
Status : **Not Answered**
Chosen Option : **--**

Q.23 The Suez Canal, which is very significant for commerce, was constructed in which of the following countries?

Ans
- ✔ 1. Egypt
- ✗ 2. Brazil
- ✗ 3. Argentina
- ✗ 4. Oman

Question ID : **94891111723**
Option 1 ID : **94891146890**
Option 2 ID : **94891146891**
Option 3 ID : **94891146892**
Option 4 ID : **94891146889**
Status : **Answered**
Chosen Option : **3**

Q.24 Six persons E, L, M, N, D and O are sitting in a row facing towards east (not necessarily in the same order). M is third to the right of O. Both O and M do not sit at extreme ends. Only three persons sit between O and L.

If N is neighbour of M, then who are the neighbours of O?

Ans
1. ✗ D and L
2. ✗ E and N
3. ✔ D and E
4. ✗ D and N

Q.25 If 12% of a = 25% of b then a : b is equal to:

Ans
1. ✗ 5 : 3
2. ✗ 3 : 5
3. ✔ 25 : 12
4. ✗ 12 : 25

Q.26 If $25^{3.8} \times 5^{4.2} \div 5^{6.4} = 25^{x}$, then the value of x is:

Ans
1. ✔ 2.7
2. ✗ 1.2
3. ✗ 2
4. ✗ 1.4

Q.27 Four numbers have been given, out of which three are alike in some manner and one is different.

Select the number that is different from the rest.

Ans ✔ 1. 81

✘ 2. 61

✘ 3. 83

✘ 4. 47

Question ID : **94891111994**
Option 1 ID : **94891147974**
Option 2 ID : **94891147976**
Option 3 ID : **94891147975**
Option 4 ID : **94891147973**
Status : **Answered**
Chosen Option : **1**

Q.28 Read the given statements and select the most appropriate explanation for them from the options.

Statements:

I. There is possibility of heavy rainfall this monsoon in the northern part of India.

II. The farmers are not supplying potatoes to the market.

Ans ✘ 1. Statement (II) is the cause and statement (I) is the effect.

✘ 2.
Both the statements (I) and (II) are effects of a common cause.

✔ 3. Both the statements (I) and (II) are not related.

✘ 4. Statement (I) is the cause and statement (II) is the effect.

Question ID : **94891111998**
Option 1 ID : **94891147990**
Option 2 ID : **94891147992**
Option 3 ID : **94891147991**
Option 4 ID : **94891147989**
Status : **Answered**
Chosen Option : **3**

Q.29 What is the full form of GEO?

Ans ✘ 1. Geography Earth Orbit

✘ 2. Geographical Earth Orbit

✔ 3. Geostationary Earth Orbit

✘ 4. Geostructure Element Orbit

Question ID : **94891111732**
Option 1 ID : **94891146925**
Option 2 ID : **94891146926**
Option 3 ID : **94891146928**
Option 4 ID : **94891146927**
Status : **Answered**
Chosen Option : **3**

Q.30 At what rate of compound interest per annum will a sum of ₹10,000 become ₹11,025 in 2 years?

Ans
- ✗ 1. 6%
- ✗ 2. 4%
- ✔ 3. 5%
- ✗ 4. 4.5%

Question ID : **94891111858**
Option 1 ID : **94891147429**
Option 2 ID : **94891147431**
Option 3 ID : **94891147430**
Option 4 ID : **94891147432**
Status : **Answered**
Chosen Option : **3**

Q.31 Which Indian city hosted the 8th Asian Youth Women Handball Championship from 21-30 August 2019?

Ans
- ✗ 1. Guwahati
- ✗ 2. Lucknow
- ✗ 3. New Delhi
- ✔ 4. Jaipur

Question ID : **94891111707**
Option 1 ID : **94891146828**
Option 2 ID : **94891146826**
Option 3 ID : **94891146827**
Option 4 ID : **94891146825**
Status : **Not Answered**
Chosen Option : **--**

Q.32 _____ was the first metro railway in India, inaugurated by former Prime Minister of India, Indira Gandhi.

Ans
- ✗ 1. Jaipur Metro
- ✗ 2. Mumbai Metro
- ✗ 3. Delhi Metro
- ✔ 4. Kolkata Metro

Question ID : **94891111743**
Option 1 ID : **94891146971**
Option 2 ID : **94891146972**
Option 3 ID : **94891146969**
Option 4 ID : **94891146970**
Status : **Answered**
Chosen Option : **4**

Q.33 The maximum length of a stick that can be kept in a rectangular box of dimensions 15 cm × 8 cm × 6 cm is:

Ans
✗ 1. $10\sqrt{13}$ cm
✓ 2. $5\sqrt{13}$ cm
✗ 3. $5\sqrt{26}$ cm
✗ 4. $5\sqrt{14}$ cm

Question ID : **94891111866**
Option 1 ID : **94891147462**
Option 2 ID : **94891147463**
Option 3 ID : **94891147461**
Option 4 ID : **94891147464**
Status : **Answered**
Chosen Option : **2**

Q.34 How many cities/towns are proposed to be supported for development as 'solar cities' during the 11th Five Year Plan period?

Ans
✗ 1. 61
✓ 2. 60
✗ 3. 59
✗ 4. 58

Question ID : **94891111741**
Option 1 ID : **94891146964**
Option 2 ID : **94891146963**
Option 3 ID : **94891146962**
Option 4 ID : **94891146961**
Status : **Not Answered**
Chosen Option : **--**

Q.35 The 1857 revolt at Lucknow was led by:

Ans
✗ 1. Vir Savarkar
✗ 2. Tatya Tope
✗ 3. Kunwar Singh
✓ 4. Begum Hazrat Mahal

Question ID : **94891111717**
Option 1 ID : **94891146866**
Option 2 ID : **94891146867**
Option 3 ID : **94891146868**
Option 4 ID : **94891146865**
Status : **Answered**
Chosen Option : **4**

Q.36 The circumradius of a triangle is 9 cm while the inradius of it is 4 cm. What is the distance between the circumcentre and the incentre of the triangle?

Ans
- ✗ 1. 4 cm
- ✗ 2. 2 cm
- ✔ 3. 3 cm
- ✗ 4. 5 cm

Question ID : **94891111873**
Option 1 ID : **94891147491**
Option 2 ID : **94891147489**
Option 3 ID : **94891147490**
Option 4 ID : **94891147492**
Status : **Answered**
Chosen Option : **4**

Q.37 When was the name 'United Nations' coined?

Ans
- ✗ 1. 1 January 1943
- ✗ 2. 1 January 1945
- ✔ 3. 1 January 1942
- ✗ 4. 1 January 1947

Question ID : **94891111734**
Option 1 ID : **94891146935**
Option 2 ID : **94891146933**
Option 3 ID : **94891146936**
Option 4 ID : **94891146934**
Status : **Answered**
Chosen Option : **2**

Q.38 Which among the following represents the Lens formula?

Ans
- ✗ 1. $\dfrac{1}{h} + \dfrac{1}{v} = \dfrac{1}{f}$
- ✔ 2. $\dfrac{1}{v} - \dfrac{1}{u} = \dfrac{1}{f}$
- ✗ 3. $\dfrac{1}{v} + \dfrac{1}{f} = \dfrac{1}{u}$
- ✗ 4. $\dfrac{1}{v} + \dfrac{1}{u} = \dfrac{1}{f}$

Question ID : **94891111716**
Option 1 ID : **94891146864**
Option 2 ID : **94891146861**
Option 3 ID : **94891146863**
Option 4 ID : **94891146862**
Status : **Answered**
Chosen Option : **2**

Q.39 Which documentary won an Oscar award (2019) in the 'Documentary (Short Subject)' category?

Ans
- ✔ 1. Period. End of Sentence
- ✘ 2. Bao
- ✘ 3. Bohemian Rhapsody
- ✘ 4. Green Book

Question ID : **94891111706**
Option 1 ID : **94891146822**
Option 2 ID : **94891146824**
Option 3 ID : **94891146821**
Option 4 ID : **94891146823**
Status : **Not Answered**
Chosen Option : **--**

Q.40 _____ is a bio reserve in India that is also a UNESCO World Heritage Site.

Ans
- ✔ 1. Sundarbans
- ✘ 2. Pachmarhi Biosphere Reserve
- ✘ 3. Nokrek National Park
- ✘ 4. Gulf of Mannar

Question ID : **94891111724**
Option 1 ID : **94891146895**
Option 2 ID : **94891146896**
Option 3 ID : **94891146894**
Option 4 ID : **94891146893**
Status : **Not Answered**
Chosen Option : **--**

Q.41 If 'x' is interchanged with '÷' and '6' is interchanged with '9', then which of the following equations will be correct?

Ans
- ✘ 1. 96 x 3 ÷ 25 = 576
- ✘ 2. 96 x 3 ÷ 69 = 2207
- ✔ 3. 69 x 12 ÷ 96 = 552
- ✘ 4. 69 x 9 ÷ 46 = 736

Question ID : **94891111975**
Option 1 ID : **94891147899**
Option 2 ID : **94891147898**
Option 3 ID : **94891147897**
Option 4 ID : **94891147900**
Status : **Answered**
Chosen Option : **3**

Q.42 Who was the first Governor General of Independent India?

Ans ✗ 1. C Rajagopalachari

✗ 2. Lord William Bentinck

✗ 3. Warren Hastings

✔ 4. Lord Mountbatten

Question ID : **94891111720**
Option 1 ID : **94891146878**
Option 2 ID : **94891146877**
Option 3 ID : **94891146880**
Option 4 ID : **94891146879**
Status : **Answered**
Chosen Option : **3**

Q.43 Which article of the Constitution of India covers 'Right to Life'?

Ans ✔ 1. Article 21

✗ 2. Article 34

✗ 3. Article 32

✗ 4. Article 20

Question ID : **94891111728**
Option 1 ID : **94891146910**
Option 2 ID : **94891146912**
Option 3 ID : **94891146911**
Option 4 ID : **94891146909**
Status : **Answered**
Chosen Option : **1**

Q.44 A man can complete a task in 7 days but with the help of his son, he can complete it in 4 days. In how many days can his son complete it alone?

Ans ✗ 1. $7\frac{2}{3}$ days

✔ 2. $9\frac{1}{3}$ days

✗ 3. $8\frac{1}{3}$ days

✗ 4. $6\frac{1}{3}$ days

Question ID : **94891111861**
Option 1 ID : **94891147442**
Option 2 ID : **94891147444**
Option 3 ID : **94891147443**
Option 4 ID : **94891147441**
Status : **Answered**
Chosen Option : **2**

Q.45 Which country is a NOT member of the 'SAARC'?

Ans ✔ 1. Iran

✘ 2. Pakistan

✘ 3. India

✘ 4. Bhutan

Question ID : **94891111733**
Option 1 ID : **94891146932**
Option 2 ID : **94891146930**
Option 3 ID : **94891146929**
Option 4 ID : **94891146931**
Status : **Answered**
Chosen Option : **1**

Q.46 25 women can complete a task in 60 days. After how many days from the start of the task should 5 more women join them so that the task is completed in 55 days?

Ans ✘ 1. 27

✔ 2. 30

✘ 3. 25

✘ 4. 20

Question ID : **94891111863**
Option 1 ID : **94891147452**
Option 2 ID : **94891147451**
Option 3 ID : **94891147450**
Option 4 ID : **94891147449**
Status : **Not Answered**
Chosen Option : **--**

Q.47 Which of the following countries is a member of OPEC (Organization of the Petroleum Exporting Countries)?

Ans ✘ 1. India

✔ 2. The Democratic Republic of the Congo

✘ 3. Japan

✘ 4. Brazil

Question ID : **94891111735**
Option 1 ID : **94891146940**
Option 2 ID : **94891146939**
Option 3 ID : **94891146937**
Option 4 ID : **94891146938**
Status : **Answered**
Chosen Option : **2**

Q.48 An additional margin added to a page layout to compensate for the part of the paper made unusable by the binding process is called:

Ans
  ✗ 1. Wide margin

  ✗ 2. Mirrored margin

  ✗ 3. Narrow margin

  ✔ 4. Gutter margin

Question ID : **94891111737**
Option 1 ID : **94891146947**
Option 2 ID : **94891146945**
Option 3 ID : **94891146946**
Option 4 ID : **94891146948**
Status : **Answered**
Chosen Option : **1**

Q.49 Earthquakes that are produced due to the sliding of rocks along a fault plane are known as:

Ans
  ✗ 1. Volcanic Earthquakes

  ✗ 2. Explosion Earthquakes

  ✗ 3. Collapse Earthquakes

  ✔ 4. Tectonic Earthquakes

Question ID : **94891111726**
Option 1 ID : **94891146904**
Option 2 ID : **94891146903**
Option 3 ID : **94891146902**
Option 4 ID : **94891146901**
Status : **Answered**
Chosen Option : **2**

Q.50 The sides of a triangle are in the ratio of $\frac{2}{5} : \frac{1}{3} : \frac{3}{5}$ and its perimeter is 110 cm. The length of the shortest side is:

Ans
  ✔ 1. 27.5 cm

  ✗ 2. 33 cm

  ✗ 3. 30 cm

  ✗ 4. 49.5 cm

Question ID : **94891111856**
Option 1 ID : **94891147424**
Option 2 ID : **94891147422**
Option 3 ID : **94891147423**
Option 4 ID : **94891147421**
Status : **Answered**
Chosen Option : **1**

Q.51 The least perfect square number completely divisible by 4, 5, 9 and 12 is:

Ans ✔ 1. 900

✘ 2. 400

✘ 3. 3600

✘ 4. 2500

Question ID : **94891111851**
Option 1 ID : **94891147403**
Option 2 ID : **94891147404**
Option 3 ID : **94891147402**
Option 4 ID : **94891147401**
Status : **Answered**
Chosen Option : **1**

Q.52 A shop keeper sold an electric blender at a loss of $3\frac{1}{2}\%$. Had he sold it for ₹172.5 more, he would have gained 8%. To gain 13%, he should sell it for:

Ans ✘ 1. ₹1,550

✘ 2. ₹1,595

✘ 3. ₹1,680

✔ 4. ₹1,695

Question ID : **94891111860**
Option 1 ID : **94891147439**
Option 2 ID : **94891147440**
Option 3 ID : **94891147437**
Option 4 ID : **94891147438**
Status : **Answered**
Chosen Option : **4**

Q.53 The least number, which when divided by 18, 30, 40 and 45 leaves in each case a remainder of 7, is:

Ans ✔ 1. 367

✘ 2. 361

✘ 3. 353

✘ 4. 360

Question ID : **94891111850**
Option 1 ID : **94891147399**
Option 2 ID : **94891147400**
Option 3 ID : **94891147397**
Option 4 ID : **94891147398**
Status : **Answered**
Chosen Option : **1**

Q.54 The altitude drawn to the base of an isosceles triangle is 12 cm and the perimeter is 36 cm. Find the area of the triangle.

Ans ✗ 1. 90 cm^2

  ✔ 2. 60 cm^2

  ✗ 3. 120 cm^2

  ✗ 4. 100 cm^2

Question ID : **94891111864**
Option 1 ID : **94891147456**
Option 2 ID : **94891147455**
Option 3 ID : **94891147453**
Option 4 ID : **94891147454**
Status : **Not Answered**
Chosen Option : **--**

Q.55 What is the chemical formula of propane?

Ans ✗ 1. C_5H_{10}

  ✔ 2. C_3H_8

  ✗ 3. C_2H_6

  ✗ 4. CH_2

Question ID : **94891111713**
Option 1 ID : **94891146852**
Option 2 ID : **94891146851**
Option 3 ID : **94891146849**
Option 4 ID : **94891146850**
Status : **Answered**
Chosen Option : **2**

Q.56 Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.

Ans ✗ 1. Second

  ✗ 2. Minute

  ✗ 3. Hour

  ✔ 4. Time

Question ID : **94891111976**
Option 1 ID : **94891147904**
Option 2 ID : **94891147901**
Option 3 ID : **94891147902**
Option 4 ID : **94891147903**
Status : **Answered**
Chosen Option : **4**

Q.57 The quorum required in the Rajya Sabha is:

Ans
  ✗ 1. 50
  ✗ 2. 100
  ✓ 3. 25
  ✗ 4. 125

Question ID : **94891111729**
Option 1 ID : **94891146916**
Option 2 ID : **94891146913**
Option 3 ID : **94891146915**
Option 4 ID : **94891146914**
Status : **Answered**
Chosen Option : **3**

Q.58 If '+' means 'Subtraction', '×' means 'Division', '÷' means 'Addition' and '−' means 'Multiplication', then what will be the value of the following expression?

$208 \times 8 - 7 + 38 \div 28$

Ans
  ✓ 1. 172
  ✗ 2. 118
  ✗ 3. 120
  ✗ 4. 114

Question ID : **94891111986**
Option 1 ID : **94891147942**
Option 2 ID : **94891147943**
Option 3 ID : **94891147944**
Option 4 ID : **94891147941**
Status : **Answered**
Chosen Option : **1**

Q.59 If in a coding system 7 + 8 + 9 = 798 and 4 + 6 + 8 = 486, then what will be the value of 5 + 2 + 4?

Ans
  ✗ 1. 425
  ✓ 2. 542
  ✗ 3. 452
  ✗ 4. 524

Question ID : **94891111974**
Option 1 ID : **94891147895**
Option 2 ID : **94891147894**
Option 3 ID : **94891147896**
Option 4 ID : **94891147893**
Status : **Answered**
Chosen Option : **2**

Q.60 'Ugadi' is a festival celebrated in the Indian state of:

Ans ✗ 1. Assam

✔ 2. Andhra Pradesh

✗ 3. Goa

✗ 4. Haryana

Question ID : **94891111709**
Option 1 ID : **94891146834**
Option 2 ID : **94891146833**
Option 3 ID : **94891146836**
Option 4 ID : **94891146835**
Status : **Answered**
Chosen Option : **3**

Q.61 The 1943 Karachi session of Muslim League adopted the slogan:

Ans ✗ 1. Jai Jawaan Jai Kisaan

✗ 2. Karo ya Maro

✗ 3. Divide and Rule

✔ 4. Divide and Quit

Question ID : **94891111721**
Option 1 ID : **94891146883**
Option 2 ID : **94891146882**
Option 3 ID : **94891146881**
Option 4 ID : **94891146884**
Status : **Answered**
Chosen Option : **2**

Q.62 Select the Venn diagram that best represents the relationship between the following classes.

Solar System, Venus, Moon

Ans
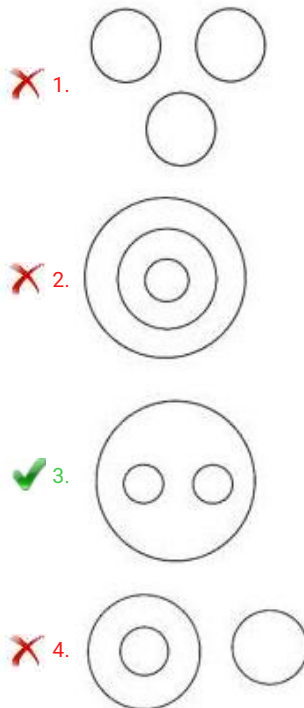
✗ 1.

✗ 2.

✔ 3.

✗ 4.

Q.63 If $\alpha + \beta + \gamma = 0$, then $\dfrac{\alpha^2}{\beta\gamma} + \dfrac{\beta^2}{\gamma\alpha} + \dfrac{\gamma^2}{\alpha\beta} = ?$

Ans

✗ 1. 1

✔ 2. 3

✗ 3. 4

✗ 4. 2

Q.64 A rectangular carpet has an area of 168 m^2 and a perimeter of 62 m. The length of its diagonal is:

Ans
✗ 1. 20 m
✓ 2. 25 m
✗ 3. 24 m
✗ 4. 23 m

Question ID : **94891111865**
Option 1 ID : **94891147457**
Option 2 ID : **94891147460**
Option 3 ID : **94891147459**
Option 4 ID : **94891147458**
Status : **Answered**
Chosen Option : **2**

Q.65 Solve the following.

If $x - \frac{1}{x} = 3$, then $x^3 - \frac{1}{x^3} = ?$

Ans
✗ 1. 18
✓ 2. 36
✗ 3. 9
✗ 4. 27

Question ID : **94891111868**
Option 1 ID : **94891147470**
Option 2 ID : **94891147472**
Option 3 ID : **94891147471**
Option 4 ID : **94891147469**
Status : **Answered**
Chosen Option : **2**

Q.66 Ngozi Okonjo Iweala of _____ has been appointed as first female chief of WTO in Feb, 2021.

Ans
✓ 1. Nigeria
✗ 2. Ghana
✗ 3. South Africa
✗ 4. Kenya

Question ID : **94891111705**
Option 1 ID : **94891146817**
Option 2 ID : **94891146818**
Option 3 ID : **94891146819**
Option 4 ID : **94891146820**
Status : **Not Answered**
Chosen Option : **--**

Q.67 Krishna ate $\frac{1}{3}$ of a pizza and Devshya ate $\frac{2}{5}$ of the remaining. What fraction of the pizza is left uneaten?

Ans

✗ 1. $\dfrac{3}{15}$

✗ 2. $\dfrac{4}{15}$

✔ 3. $\dfrac{2}{5}$

✗ 4. $\dfrac{3}{5}$

Question ID : **94891111847**
Option 1 ID : **94891147386**
Option 2 ID : **94891147387**
Option 3 ID : **94891147385**
Option 4 ID : **94891147388**
Status : **Answered**
Chosen Option : **2**

Q.68 If $x = 2 + \sqrt{2}$, then what will be the value of $x^2 - 4x + 4$?

Ans

✗ 1. 4

✗ 2. 1

✔ 3. 2

✗ 4. 0

Question ID : **94891111848**
Option 1 ID : **94891147392**
Option 2 ID : **94891147390**
Option 3 ID : **94891147391**
Option 4 ID : **94891147389**
Status : **Answered**
Chosen Option : **3**

Q.69 Who laid down the foundation stone of Delhi during Delhi Darbar 1911?

Ans

✔ 1. George V

✗ 2. Herbert Baker

✗ 3. Lord Willingdon

✗ 4. Lord Irwin

Question ID : **94891111718**
Option 1 ID : **94891146869**
Option 2 ID : **94891146870**
Option 3 ID : **94891146871**
Option 4 ID : **94891146872**
Status : **Answered**
Chosen Option : **1**

Q.70 What is the function of phloem in plants?

Ans
- ✗ 1. It transports water
- ✔ 2. It transports sugar
- ✗ 3. It transports oxygen
- ✗ 4. It transports carbon dioxide

Question ID : **94891111712**
Option 1 ID : **94891146845**
Option 2 ID : **94891146846**
Option 3 ID : **94891146848**
Option 4 ID : **94891146847**
Status : **Answered**
Chosen Option : **1**

Q.71 Select the option that can be formed from the letters of the given word, using the letters not more than the number of times they have been used in the given word.

Mainstreaming

Ans
- ✗ 1. Tempting
- ✔ 2. Training
- ✗ 3. Maintaining
- ✗ 4. Streamed

Question ID : **94891111985**
Option 1 ID : **94891147940**
Option 2 ID : **94891147939**
Option 3 ID : **94891147937**
Option 4 ID : **94891147938**
Status : **Answered**
Chosen Option : **2**

Q.72 Glucose has _____ carbon molecules.

Ans
- ✔ 1. six
- ✗ 2. eight
- ✗ 3. five
- ✗ 4. ten

Question ID : **94891111714**
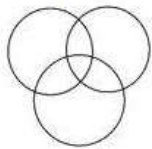Option 1 ID : **94891146853**
Option 2 ID : **94891146855**
Option 3 ID : **94891146854**
Option 4 ID : **94891146856**
Status : **Answered**
Chosen Option : **1**

Q.73 Select the set that of words that is best represented by the given Venn diagram.

Ans
✗ 1. Village, City, Nation
✔ 2. Lawyers, Fathers, Urban
✗ 3. Colour, Red, Flower
✗ 4. Male, Female, Human Being

Question ID : **94891111997**
Option 1 ID : **94891147986**
Option 2 ID : **94891147987**
Option 3 ID : **94891147988**
Option 4 ID : **94891147985**
Status : **Answered**
Chosen Option : **2**

Q.74 Shahtoosh wool, the lightest wool in the world, is obtained from:

Ans
✔ 1. Tibetan Antelope
✗ 2. Sheep
✗ 3. Nilgai
✗ 4. Llama

Question ID : **94891111725**
Option 1 ID : **94891146900**
Option 2 ID : **94891146898**
Option 3 ID : **94891146897**
Option 4 ID : **94891146899**
Status : **Not Answered**
Chosen Option : **--**

Q.75 Select the term that can replace the question mark (?) in the following series.

AB, EFG, KLMN, ? , CDEFGH

Ans
✗ 1. XYZAB
✗ 2. PQRS
✔ 3. STUVW
✗ 4. OPQR

Question ID : **94891111987**
Option 1 ID : **94891147947**
Option 2 ID : **94891147948**
Option 3 ID : **94891147946**
Option 4 ID : **94891147945**
Status : **Answered**
Chosen Option : **3**

Q.76 One evening, Prateek and Pranil were talking to each other face to face on a terrace. If Prateek's shadow was exactly on the body of Pranil, in which direction was Pranil facing?

Ans
✗ 1. North
✓ 2. West
✗ 3. South
✗ 4. East

Question ID : **94891111999**
Option 1 ID : **94891147995**
Option 2 ID : **94891147994**
Option 3 ID : **94891147996**
Option 4 ID : **94891147993**
Status : **Answered**
Chosen Option : **2**

Q.77 Four different mobile devices make a beep sound after every 30 min, 45 min, 1 h and $1\frac{1}{2}$ h respectively. All the mobiles beeped together at 10.45 a.m. They will again beep together at:

Ans
✗ 1. 3.00 p.m.
✗ 2. 5.30 p.m.
✓ 3. 1.45 p.m.
✗ 4. 2.45 p.m.

Question ID : **94891111853**
Option 1 ID : **94891147411**
Option 2 ID : **94891147412**
Option 3 ID : **94891147410**
Option 4 ID : **94891147409**
Status : **Answered**
Chosen Option : **3**

Q.78 Four names have been given, out of which three are alike in some manner and one is different.
Select the odd one.

Ans
✗ 1. Chandra Shekhar Singh
✗ 2. P V Narasimha Rao
✗ 3. H D Deve Gowda
✓ 4. Chaudhary Devi Lal

Question ID : **94891111995**
Option 1 ID : **94891147980**
Option 2 ID : **94891147978**
Option 3 ID : **94891147979**
Option 4 ID : **94891147977**
Status : **Answered**
Chosen Option : **4**

Q.79 _____was built by Edwin Lutyens in 1921.

Ans
   ✗ 1. Gateway of India

   ✓ 2. India Gate

   ✗ 3. Golconda Fort

   ✗ 4. Victoria Memorial

Question ID : **94891111708**
Option 1 ID : **94891146832**
Option 2 ID : **94891146830**
Option 3 ID : **94891146831**
Option 4 ID : **94891146829**
Status : **Answered**
Chosen Option : **2**

Q.80 The value of a car depreciates at the rate of 12% per annum. Its present value is ₹7,74,400. What was the value of the car 2 years ago?

Ans
   ✗ 1. ₹9,99,999

   ✗ 2. ₹11,00,000

   ✗ 3. ₹9,00,000

   ✓ 4. ₹10,00,000

Question ID : **94891111859**
Option 1 ID : **94891147433**
Option 2 ID : **94891147434**
Option 3 ID : **94891147435**
Option 4 ID : **94891147436**
Status : **Not Answered**
Chosen Option : **--**

Q.81 In 2019, DRDO (Defence Research and Development Organization) successfully test fired AKASH Mk-1S. Which type of missile is AKASH Mk-1S?

Ans
   ✓ 1. Surface to air

   ✗ 2. Surface to surface

   ✗ 3. Air to surface

   ✗ 4. Surface to under water

Question ID : **94891111731**
Option 1 ID : **94891146921**
Option 2 ID : **94891146923**
Option 3 ID : **94891146922**
Option 4 ID : **94891146924**
Status : **Answered**
Chosen Option : **1**

Q.82 The Nuclear Fuel Complex is situated at _____.

Ans ✔ 1. Hyderabad

✘ 2. Mumbai

✘ 3. Thumba

✘ 4. Kalpakkam

Question ID : **94891111730**
Option 1 ID : **94891146918**
Option 2 ID : **94891146917**
Option 3 ID : **94891146920**
Option 4 ID : **94891146919**
Status : **Answered**
Chosen Option : **4**

Q.83 The Chauri-Chaura incident during Non Cooperation Movement occurred in which district of Uttar Pradesh?

Ans ✘ 1. Kanpur

✘ 2. Allahabad

✘ 3. Varanasi

✔ 4. Gorakhpur

Question ID : **94891111719**
Option 1 ID : **94891146875**
Option 2 ID : **94891146874**
Option 3 ID : **94891146873**
Option 4 ID : **94891146876**
Status : **Answered**
Chosen Option : **4**

Q.84 If $\sqrt{40} = 6.3245$, then what will be the value of $\sqrt{\frac{8}{5}}$?

Ans ✔ 1. 1.2649

✘ 2. 1.2593

✘ 3. 1.3303

✘ 4. 1.4132

Question ID : **94891111844**
Option 1 ID : **94891147375**
Option 2 ID : **94891147373**
Option 3 ID : **94891147376**
Option 4 ID : **94891147374**
Status : **Answered**
Chosen Option : **1**

Q.85 The largest salt desert of the world is:

Ans
  ✗ 1. Thar desert
  ✗ 2. Sahara desert
  ✗ 3. Negev desert
  ✓ 4. Salar de Uyuni

Q.86 The given pie chart shows the percentage-wise distribution of news items published under various sections in a newspaper in the last month. Study the pie chart and answer the following question.
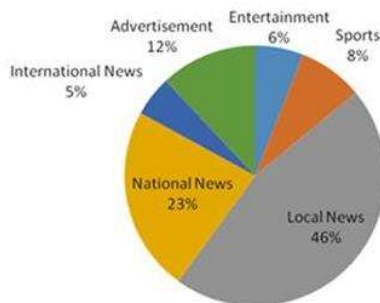
If a total of 4800 items were published in the month, then how many of them were advertisements?

Ans
  ✗ 1. 428
  ✗ 2. 320
  ✓ 3. 576
  ✗ 4. 612

Q.87 The given pie chart shows the percentage-wise distribution of news items published under various sections in a newspaper in the last month. Study the pie chart and answer the following question.
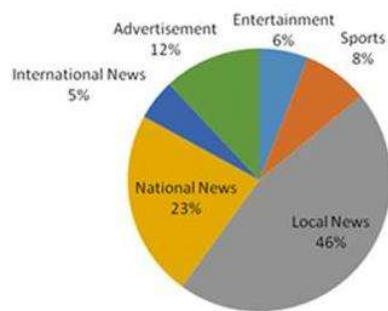
Find the ratio of Advertisements to Sports items published

Ans
✗ 1. $2 : 3$
✗ 2. $1 : 2$
✗ 3. $2 : 1$
✔ 4. $3 : 2$

Q.88 The given pie chart shows the percentage-wise distribution of news items published under various sections in a newspaper in the last month. Study the pie chart and answer the following question.
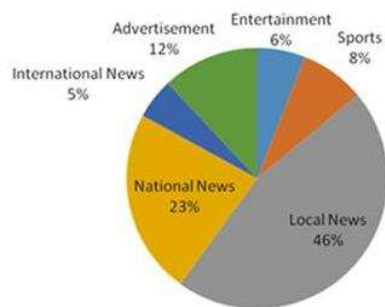
If in the next month the number of advertisements double while the number of all other news items remain the same what would be the approximate share of local news as a percentage of the total number of published news items?

Ans   ✗ 1. 52%

✔ 2. 41%

✗ 3. 22%

✗ 4. 37%

Q.89 The given pie chart shows the percentage-wise distribution of news items published under various sections in a newspaper in the last month. Study the pie chart and answer the following question.
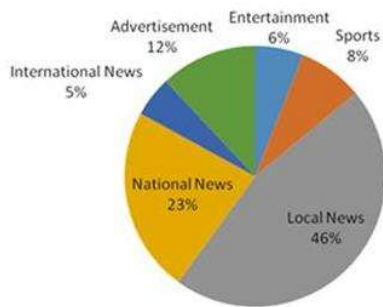
If the total number of news items published in 4 week period were 48000 and if 30 news items can be published on any one page, then how many pages will be there related to Advertisement and Sports news in 2 weeks?

Ans ✗ 1. 320

✔ 2. 160

✗ 3. 120

✗ 4. 240

Q.90 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
I. Some bats are balls.
II. All racquets are tables.
III. All balls are racquets.

Conclusions:
I. Some bats are racquets.
II. All racquets are balls.
III. All tables are bats.
IV. All racquets are bats.

Ans ✗ 1. Only conclusions I and II follow.

✔ 2. Only conclusion I follows.

✗ 3. Only conclusion II follows.

✗ 4. Only III and IV follow.

Q.91 Four words have been given, out of which three are alike in some manner and one is different.

Select the odd one.

Ans   ✗ 1. Sowing

   ✗ 2. Ploughing

   ✗ 3. Harvesting

   ✔ 4. Raining

> Question ID : **94891111993**
> Option 1 ID : **94891147971**
> Option 2 ID : **94891147972**
> Option 3 ID : **94891147970**
> Option 4 ID : **94891147969**
> Status : **Answered**
> Chosen Option : **4**

Q.92 Consider the given statement and decide which of the given assumptions is/are implicit in the statement.

Statement:

Training involving real classroom experiences must be given to all pre-service teachers to make them skilled and effective in the classroom.

Assumptions:
   I. Real classroom experience is an essential component of a teacher's training.
   II. A person cannot be a skilled and effective teacher without training.

Ans   ✗ 1. Both assumptions I and II are implicit.

   ✗ 2. Only assumption II is implicit.

   ✗ 3. Neither assumption I nor II is implicit.

   ✔ 4. Only assumption I is implicit.

> Question ID : **94891111981**
> Option 1 ID : **94891147923**
> Option 2 ID : **94891147922**
> Option 3 ID : **94891147924**
> Option 4 ID : **94891147921**
> Status : **Answered**
> Chosen Option : **4**

Q.93 Eight boxes A, B, C, D, E, F, G and H are placed one above another (not necessarily in the same order). Only two boxes are placed between B and E. H is placed immediately below E. Only one box is placed between G and C. Only one box is placed between G and A. B is placed above D and H. More than one box are placed between C and F.

How many boxes are placed between F and C?

Ans
- ✔ 1. 2
- ✘ 2. 3
- ✘ 3. 4
- ✘ 4. 5

Q.94 Eight persons A, B, C, D, E, F, G and H are sitting around a circular table (not necessarily in the same order). All are facing towards the centre. Only one person sits between G and E. B sits fourth to the right of F. F is third to the left of C. Only one person sits between G and D. G and D are not neighbours of C or B. A sits third to the left of E.

If we count from the right of A, then who sits between A and B?

Ans
- ✘ 1. D
- ✘ 2. G
- ✘ 3. H
- ✔ 4. C

Q.95 Select the option that is related to the third number in the same way as the second number is related to the first number.

1728 : 12 : : 512 : ?

Ans
- ✘ 1. 10
- ✔ 2. 8
- ✘ 3. 9
- ✘ 4. 6

Q.96 In a park, eight girls are sitting in a row and they have worn different colours, namely black, blue, pink, white, red, green, yellow and brown, but they are not sitting in the same order. The girl who has worn yellow is fifth from the left end. The girl who has worn black is sitting between the one wearing yellow and the one wearing pink. The girl who is in white is second to the left of the girl who is in yellow. The girl who has worn blue is sitting at the extreme right. The girl in red is not sitting second from the left end. The girl in pink is sitting next to the one in blue. The girl in white is sitting between the one in brown and the one in red.

Who is sitting at the left end of the row?

Ans ✗ 1. The girl in black

✗ 2. The girl in white

✗ 3. The girl in pink

✔ 4. The girl in green

Question ID : **94891112000**
Option 1 ID : **94891147999**
Option 2 ID : **94891147997**
Option 3 ID : **94891148000**
Option 4 ID : **94891147998**
Status : **Answered**
Chosen Option : **4**

Q.97 Which two signs need to be interchanged to make the following equation correct?

$36 + 6 \div 3 - 20 \times 5 = 50$

Ans ✗ 1. $+$ and $-$

✗ 2. $-$ and $\div$

✔ 3. $\times$ and $\div$

✗ 4. $+$ and $\times$

Question ID : **94891111984**
Option 1 ID : **94891147936**
Option 2 ID : **94891147933**
Option 3 ID : **94891147934**
Option 4 ID : **94891147935**
Status : **Answered**
Chosen Option : **3**

Q.98 If West is called South, South is called East, East is called North and North is called West, then from which direction does the sun rise?

Ans ✗ 1. East

✔ 2. North

✗ 3. West

✗ 4. South

Question ID : **94891111978**
Option 1 ID : **94891147909**
Option 2 ID : **94891147911**
Option 3 ID : **94891147910**
Option 4 ID : **94891147912**
Status : **Answered**
Chosen Option : **2**

Q.99 Select the number from the given options that will come next in the following series.

11, 14, 17, 24, 31, 34, 37, 44 ?

Ans ✗ 1. 47

✓ 2. 51

✗ 3. 54

✗ 4. 48

Question ID : **94891111983**
Option 1 ID : **94891147929**
Option 2 ID : **94891147930**
Option 3 ID : **94891147931**
Option 4 ID : **94891147932**
Status : **Answered**
Chosen Option : **2**

Q.100 Read the given statements and conclusions carefully and decide which of the conclusions logically follow(s) from the statements.

Statements:

1. Some teachers are assistants.
2. All assistants are poets.

Conclusions:

I. Some teachers are poets.
II. All poets are assistants.

Ans ✗ 1. Both, conclusion I and II follow.

✗ 2. Neither conclusion I nor II follows.

✗ 3. Only conclusion II follows.

✓ 4. Only conclusion I follows.

Question ID : **94891111982**
Option 1 ID : **94891147927**
Option 2 ID : **94891147928**
Option 3 ID : **94891147926**
Option 4 ID : **94891147925**
Status : **Answered**
Chosen Option : **4**