

रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS सी ई एन ०१/२०१९ - एन टी पी सी - CEN 01/2019 - NTPC



Participant Name	Join YouTube Channel
	Regent Education and Research Foundation 08/03/2021
	10:30 AM - 12:00 PM
Subject	NTPC

^{*} Note

Correct Answer will carry 1 mark per Question. Incorrect Answer will carry 1/3 Negative mark.

- 1. Options shown in green color with a tick icon are correct.
- 2. Chosen option on the right of the question indicates the option selected by the candidate.

Section: NTPC

Q.1 Who founded Natal Indian Congress to fight against racial discrimination?

Ans

1 Mahatma Gandhi

X 2. Subhash Chandra Bose

3. Jawaharlal Nehru

Yallabhbhai Patel

Question ID: 9489118020 Option 1 ID: 94891132080 Option 2 ID: 94891132078 Option 3 ID: 94891132077 Option 4 ID: 94891132079

Status : Answered

Chosen Option: 4

Q.2 The radius and height of a cylinder are 28 cm and 40 cm, respectively. Find its volume.

Λne

X 1. 1760 cm³

X 2. 689920 cm³

× 3. 86240 cm³

✓ 4. 98560 cm³

Question ID: 9489118164

Option 1 ID: 94891132656

Option 2 ID : 94891132653

Option 3 ID: 94891132655

Option 4 ID: 94891132654

Status : **Answered**

The most common isotopes used in a nuclear weapon are of:

Ans

- ✓¹. Uranium and plutonium
- X 2. Deuterium and lithium
- 3. Uranium and lithium
- Material And Plutonium

 A p

Question ID: 9489118030 Option 1 ID: 94891132119 Option 2 ID: 94891132118

Option 3 ID: 94891132117 Option 4 ID: 94891132120 Status: Answered

Chosen Option: 1

Q.4 Privatisation of the public sector undertakings by selling off part of the equity of PSUs to the public is known as:

Ans

- X 1. Globalisation
- ✓ 2. Disinvestment
- X 3. Liberalisation
- X 4. Industrialisation

Question ID: 9489118040

Option 1 ID: 94891132159

Option 2 ID: 94891132157 Option 3 ID: 94891132158

Option 4 ID: 94891132160

Status: Answered

Chosen Option: 2

Which of the following is NOT a PSU?

Ans

- X 1. GAIL
- √ 2. BSNL
- X 3. SAIL
- X 4. ONGC

Question ID: 9489118041

Option 1 ID: 94891132161

Option 2 ID: 94891132164

Option 3 ID: 94891132163 Option 4 ID: 94891132162

Status : Answered

https://dc4-g22.digialm.com//per/g22/pub/2667/touchstone/AssessmentQPHTMLMode1//2667O2177/2667O2177S9D5947/16279106477... Write the name of the supercomputer developed by Tata Group in 2007. Ans X 1. Cray 3 X 2. HITAC S-300 √ 3. EKA X 4. PARAM Question ID: 9489118038 Option 1 ID: 94891132151 Option 2 ID: 94891132152 Option 3 ID: 94891132150 Option 4 ID: 94891132149 Status: Answered Chosen Option: 4 Q.7 Chholiya dance form is associated with state. Ans X 1. Haryana √ 2. Uttarakhand X 3. Bihar X 4. Rajasthan Question ID: 9489118010 Option 1 ID: 94891132040 Option 2 ID: 94891132037 Option 3 ID: 94891132039 Option 4 ID: 94891132038 Status: Not Answered Chosen Option: --If ₹825 is divided into three parts in a proportion of $\frac{1}{3}:\frac{4}{9}:\frac{3}{4}$, then the first part will be: Ans X 1. ₹190 × 2. ₹204 **√**3. ₹180 X 4. ₹210 Question ID: 9489118154 Option 1 ID: 94891132614 Option 2 ID: 94891132616 Option 3 ID: 94891132613 Option 4 ID: 94891132615 Status: Answered Chosen Option: 3

Q.9 If the length of the diagonals of a rhombus are 32 cm and 24 cm, then the length of each side of the rhombus will be:

Ans X 1. 30 cm

✓ 2. 20 cm

X 3. 40 cm

X 4. 10 cm

Question ID: 9489118172 Option 1 ID: 94891132688

Option 2 ID: 94891132687 Option 3 ID: 94891132686

Option 4 ID: 94891132685 Status: Answered

Chosen Option: 2

Q.10 A sum fetched a total simple interest of ₹4,500 at the rate of 9% per annum in 5 years. What was the sum?

Ans

1. ₹10,000

× 2. ₹8,900

× 3. ₹9,000

× 4. ₹9,500

Question ID: 9489118155

Option 1 ID: 94891132620

Option 2 ID: 94891132619

Option 3 ID: 94891132617

Option 4 ID: 94891132618 Status: Answered

Chosen Option: 1

Q.11 The fibres, such as nylon and polyester, that are made from chemical substances are called:

X 1 Natural fibres

× 2. Wool

3. Synthetic fibres

X 4. Silk

Question ID: 9489118013

Option 1 ID: 94891132049

Option 2 ID: 94891132052

Option 3 ID: 94891132051

Option 4 ID: 94891132050

Status: Answered Chosen Option: 3

Q.12 Tools, machines, building, etc. that are required for production are called:

- Ans 🗸 1. Fixed capital
 - X 2. Working capital
 - X 3. Physical capital
 - X 4. Human capital

Question ID: 9489118021 Option 1 ID: 94891132084 Option 2 ID: 94891132082 Option 3 ID: 94891132081 Option 4 ID: 94891132083

Status: Not Answered

Chosen Option: --

Q.13 Which of the following are called the amphibians of the plant kingdom?

- X 1. Gymnosperm
- X 2. Thallophytes
- 3. Bryophytes
- X 4. Pteridophytes

Question ID: 9489118011

Option 1 ID: 94891132044

Option 2 ID: 94891132041

Option 3 ID: 94891132042

Option 4 ID: 94891132043

Status: Answered

Chosen Option: 2

Q.14 If
$$x + \frac{1}{x} = 26$$
, then the value of $x^2 + \frac{1}{x^2} = ?$

- Ans X 1. 24
 - X 2. 676
 - **3**. 674

Question ID: 9489118166

Option 1 ID: 94891132661

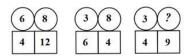
Option 2 ID : 94891132662

Option 3 ID: 94891132663

Option 4 ID: 94891132664

Status: Answered

Q.15 Study the given pattern carefully and select the number that can replace the question mark (?) in it.



Ans X 1. 8

X 2. 10

X 3. 6

V 4. 12

Question ID : **9489118088** Option 1 ID : **94891132349**

Option 2 ID: 94891132352 Option 3 ID: 94891132351 Option 4 ID: 94891132350

Status : **Answered**

Chosen Option : 4

Q.16 The value of $\frac{tan85^{\circ} - tan25^{\circ}}{1 + tan85^{\circ} tan25^{\circ}}$ is:

Ans

 \times 1. $\frac{1}{\sqrt{3}}$

X 2. 1

√ 3. √3

X 4. 0

Question ID : 9489118168

Option 1 ID : 94891132670

Option 2 ID: 94891132669

Option 3 ID: 94891132671 Option 4 ID: 94891132672

Status : Answered

Chosen Option : 3

Q.17 Which cricket player received the Padma Bhushan Award 2018?

Ans X 1. Ravindra Jadeja

X 2. Virat Kohli

X 3. Rohit Sharma

4 Mahendra Singh Dhoni

Question ID: 9489118005

Option 1 ID: 94891132020

Option 2 ID: 94891132017

Option 3 ID: 94891132019

Option 4 ID: 94891132018

Status : Answered

Q.18 Which treaty was imposed by the five nuclear weapon powers and five permanent members of the UN Security Council on the rest of the world in 1968?

Ans

- X 1 Non Aligned Treaty
- × 2. Comprehensive Test Ban Treaty
- X 3. North Atlantic Treaty Organization
- ✓ 4. Non-Proliferation Treaty

Question ID: 9489118033 Option 1 ID: 94891132131 Option 2 ID: 94891132132 Option 3 ID: 94891132130 Option 4 ID: 94891132129

Status: Not Answered

Chosen Option: --

Q.19 The mean of 22, 35, 15, 75, 66, 50, 52, 36, 70, 86 and 10 is:

Ans

- X 1. 51
- X 2. 57
- X 3. 46.5
- 4. 47

Question ID: 9489118169

Option 1 ID: 94891132673

Option 2 ID: 94891132674

Option 3 ID: 94891132676 Option 4 ID: 94891132675

Status: Answered

Chosen Option: 3

Q.20 Solve the following.

$$\frac{(28.4)^2 - (24.4)^2}{(28.4 - 24.4)} = ?$$

- Ans X 1. 52
 - X 2. 8
 - √ 3. 52.8
 - X 4. 4

Question ID: 9489118145

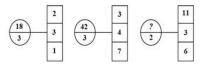
Option 1 ID: 94891132577

Option 2 ID: 94891132580

Option 3 ID: 94891132579

Option 4 ID: 94891132578 Status: Answered

Q.21 Study the given pattern carefully and select the number that can replace the question mark (?) in it.



- Ans X 1. 22

 - X 3. 68

Question ID: 9489118086

Option 1 ID: 94891132341 Option 2 ID: 94891132344

Option 3 ID: 94891132343 Option 4 ID: 94891132342

Status: Answered

Chosen Option : 2

Q.22 Sitesh and Suresh are maternal cousins. The mother of Suresh, Gita has a daughter Samiksha. Anjali is Samiksha's paternal aunt. How is Anjali related to Gita?

Ans

- ✓¹. Husband's sister
- X 2. Mother's sister
- X 3. Brother's wife
- X 4. Paternal Aunt

Question ID: 9489118078

Option 1 ID: 94891132310

Option 2 ID: 94891132309

Option 3 ID: 94891132312

Option 4 ID: 94891132311 Status: Answered

Q.23 The rectangle represents a set of calculations that are common across all the given equations. Identify the calculations involved and solve the fourth equation on the same basis:

- $7 \implies 3 = \frac{11}{2}$
- $6 = 2 = \frac{1}{4}$
- a **=** b = ?

Ans

- \times 1. $\frac{(ab+1)}{a}$
- \times 2. $\frac{ab}{(a+b)}$
- \times 3. $\frac{(a+b)}{(ab-1)}$
- \checkmark 4. $\frac{(ab+1)}{(a-b)}$

Question ID : 9489118085

Option 1 ID : 94891132340

Option 2 ID: 94891132339 Option 3 ID: 94891132338

Option 4 ID : 94891132337

Status: Answered

Chosen Option: 4

Q.24 According to the 2011 census which city of India has the second largest population?

Ans

- X 1. Mumbai
- X 2. Bengaluru
- X 3. Chennai
- 4. Delhi

Question ID : 9489118022

Option 1 ID: 94891132087

Option 2 ID: 94891132086

Option 3 ID: 94891132085

Option 4 ID: 94891132088

Status : Answered

Q.25 Which option can best describe equinox?

- Ans X 1. Earth is going around the sun.
 - × 2. North pole is tilted towards sun.
 - 3. Neither of the poles is tilted towards sun.
 - X 4. South pole is tilted towards sun.

Question ID: 9489118026 Option 1 ID: 94891132104 Option 2 ID: 94891132102

Option 3 ID: 94891132103 Option 4 ID: 94891132101

Status: Answered

Chosen Option: 2

Q.26 In a code language, GOOFY is written as EMMDW.

How will EMMA be written as in that code language?

Ans X 1. BJJY



X 3. BJJA

X 4. CKKA

Question ID: 9489118079

Option 1 ID: 94891132313

Option 2 ID: 94891132315

Option 3 ID: 94891132316 Option 4 ID: 94891132314

Status: Answered

Q.27 In the equations below, the function of remains unchanged. What does the question mark stand for in the fourth equation?

$$9 \longrightarrow 3 = 32$$
 $6 \longrightarrow 7 = 47$ II.
$$13 \longrightarrow 3 = 44$$
 $12 \longrightarrow 3 = ?$ IV.

Ans 🗸 1. 41

X 2. 4

X 3. 15

X 4. 36

Question ID: 9489118087

Option 1 ID : 94891132346

Option 2 ID: 94891132347 Option 3 ID: 94891132348

Option 4 ID: 94891132345

Status: Answered

Chosen Option : 1

Q.28 Which is the incorrect statement with regard to ultrasound waves?

Ans X 1. They are high frequency waves

X 2. They are used in industries and for medical purposes

X 3.

They travel among well-defined paths even in the presence of obstacles

V 4

Ultrasound cannot be reflected back from defective locations

Question ID: 9489118032

Option 1 ID: 94891132125

Option 2 ID: 94891132127

Option 3 ID: 94891132126 Option 4 ID: 94891132128

Option 4 ID . 9409 1132 12

Status : **Answered** Chosen Option : **2**

 $https://dc4-g22.digialm.com//per/g22/pub/2667/touchstone/AssessmentQPHTMLMode1//2667O2177/2667O2177S9D5947/16279106477\dots$ Q.29 A এবং B মথাক্রমে ₹20,000 এবং ₹16,000 বিনিযোগে অংশীদারিত্ব করেছে। 3 মাস পরে, C ভাদের সাথে ₹15,000 বিনিয়োগের সাথে যোগ দিল। অর্ধ বার্ষিক ₹4,100 লাভের মধ্যে В এর ভাগ কভ হবে? Ans **√** 1. ₹1,600 X 2. ₹2,000 × 3. ₹4,200 X 4. ₹5,000 Question ID: 9489118157 Option 1 ID: 94891132626 Option 2 ID: 94891132625 Option 3 ID: 94891132628 Option 4 ID: 94891132627 Status: Answered Chosen Option: 1 Q.30 Find the smallest whole number whose 60% is more than 6. Ans X 1. 7 X 2. 6 X 3. 10 **4**. 11 Question ID: 9489118151 Option 1 ID: 94891132602 Option 2 ID: 94891132601 Option 3 ID: 94891132604 Option 4 ID: 94891132603 Status: Answered Chosen Option: 4 Q.31 If the word 'HONEST' is coded as IPOFTU, then how will the word 'SISTER' be coded? ✓ 1. TJTUFS X 2. FTUIPO X 3. JUJTFS X 4. RITSES Question ID: 9489118101 Option 1 ID: 94891132402 Option 2 ID: 94891132403 Option 3 ID: 94891132404 Option 4 ID: 94891132401 Status: Answered Chosen Option: 1

Q.32 The surface area of a sphere whose radius is 21 m is:

Ans

- × 1. 1000 m²
 - X 2. 1100 m²
 - X 3. 11088 m²
 - ✓ 4. 5544 m²

Question ID: 9489118165

Option 1 ID: 94891132659

Option 2 ID: 94891132660

Option 3 ID: 94891132658 Option 4 ID: 94891132657

Status: Answered

Chosen Option: 4

Q.33 Which of the following soil types is rich in soil nutrients such as calcium carbonate, magnesium, potash and lime?

Ans

- ✓ 1. Black soil
- X 2. Laterite soil
- X 3. Red soil
- X 4. Yellow soil

Question ID: 9489118023

Option 1 ID: 94891132091

Option 2 ID: 94891132092

Option 3 ID: 94891132089

Option 4 ID: 94891132090 Status: Not Answered

Chosen Option: --

Q.34 In which language did Aryabhata write the book titled Aryabhatiyam?

- X 1. Telugu
- X 2. Tamil
- X 3. Hindi
- 4. Sanskrit

Question ID: 9489118009

Option 1 ID: 94891132036

Option 2 ID: 94891132034

Option 3 ID: 94891132033

Option 4 ID: 94891132035

Status: Answered

Q.35 The approach to development that combines economic growth with ecological responsibility is known as:

Ans

- 1 Sustainable development
- × 2. Human development
- 3. Economic development
- X 4. Social development

Question ID: 9489118035

Option 1 ID: 94891132139

Option 2 ID: 94891132137 Option 3 ID: 94891132138

Option 4 ID: 94891132140

Status: Answered

Chosen Option: 4

Q.36 Which bank was set up as an apex body to coordinate the activities of all institutions involved in rural financing?

Ans

- X 1. The poor women banks
- X 2. Cooperative societies
- X 3. Cooperative banks
- √ 4. NABARD

Question ID: 9489118039

Option 1 ID: 94891132156

Option 2 ID: 94891132154

Option 3 ID: 94891132153 Option 4 ID: 94891132155

Status: Answered

Chosen Option: 4

Find the positive value of

$$12 + \sqrt{12 + \sqrt{12 + \dots}}$$
 ...

Ans X 1. 12

Question ID: 9489118153

Option 1 ID: 94891132609

Option 2 ID: 94891132612

Option 3 ID: 94891132611

Option 4 ID: 94891132610

Status: Answered

Q.38 By selling an article for ₹1,600, a person lost 20%. For what amount should he sell it to make a profit of 20%?

X 1. ₹3,600

× 2. ₹4,000

√ 3. ₹2,400

X 4. ₹1,200

Question ID: 9489118159 Option 1 ID: 94891132635

Option 2 ID: 94891132636 Option 3 ID: 94891132634

Option 4 ID: 94891132633 Status: Answered

Chosen Option: 3

Q.39 Which of the following is NOT a source of the Indian Constitution?

Ans

- √ 1 Constitution of Denmark
- 2. Constitution of France
- X 3. Constitution of Ireland
- X 4. Constitution of U.S.A.

Question ID: 9489118028

Option 1 ID: 94891132110

Option 2 ID: 94891132112 Option 3 ID: 94891132111

Option 4 ID: 94891132109

Status: Answered

Chosen Option: 1

Q.40 The materials through which objects can be seen but not clearly are called materials.

Ans

- √ 1. translucent
- X 2. transparent
- X 3. opaque
- X 4. lustre

Question ID: 9489118014

Option 1 ID: 94891132055

Option 2 ID: 94891132054

Option 3 ID: 94891132053

Option 4 ID: 94891132056

Status: Answered

Q.41 Which article of the Indian Constitution lays down Directive Principles of State Policy on Promotion of International Peace and Security?

Ans 🗸 1. Article 51

X 2. Article 15

X 3. Article 31

X 4. Article 14

Question ID: 9489118034

Option 1 ID: 94891132133 Option 2 ID: 94891132135 Option 3 ID: 94891132134

Option 4 ID: 94891132136

Status: Answered

Chosen Option: 1

Q.42 A huge system of billions of stars and cloud of dust and gases is known as:

Ans X 1. Universe

✓ 2. Galaxy

X 3. Constellation

X 4. World

Question ID: 9489118024

Option 1 ID: 94891132093

Option 2 ID: 94891132094

Option 3 ID: 94891132096 Option 4 ID: 94891132095

Status: Answered

Chosen Option: 2

Q.43 Select the option that is different from the rest.

Ans 1. Steel

X 2. Gold

X 3. Copper

X 4. Aluminum

Question ID: 9489118094

Option 1 ID: 94891132375

Option 2 ID: 94891132376

Option 3 ID: 94891132373

Option 4 ID: 94891132374

Status: Answered

Q.44 The compound interest on ₹20,000 in 2 years at a 4% per year, the interest being compounded half-yearly, will be:

1. ₹1,648.64

× 2. ₹1,500

X 3. ₹1,700

X 4. ₹1,842,64

Question ID: 9489118156

Option 1 ID: 94891132622

Option 2 ID: 94891132623

Option 3 ID: 94891132624

Option 4 ID: 94891132621 Status: Answered

Chosen Option: 1

Q.45 A 100-m-long train passes an electric post in 6 seconds. The speed of the train is:

Ans

✓ 1. 60 km/h

 \times 2. $60\frac{1}{6}$ km/h

 \times 3. $16\frac{1}{6}$ km/h

X 4. 50 km/h

Question ID: 9489118162

Option 1 ID: 94891132647

Option 2 ID: 94891132648

Option 3 ID: 94891132645

Option 4 ID: 94891132646

Status: Answered Chosen Option: 1

Q.46 Under which dynasty the rulers wrote their achievements in prashasti?

Ans

X 1 Rajput dynasty

2. Gupta dynasty

X 3. Mughal dynasty

X 4. Khilji dynasty

Question ID: 9489118019

Option 1 ID: 94891132075

Option 2 ID: 94891132074

Option 3 ID: 94891132073

Option 4 ID: 94891132076

Status: Answered

Q.47 In which generation of computers were FORTRAN and COBOL languages first used?

- Ans 1 II Generation
 - × 2. I Generation
 - X 3. V Generation
 - X 4. IV Generation

Question ID: 9489118037 Option 1 ID: 94891132146 Option 2 ID: 94891132145 Option 3 ID: 94891132147 Option 4 ID: 94891132148

Status: Answered

Chosen Option: 2

Q.48 Who among the following scripted history as he became the youngest ever test captain as of September 2019?

Ans

- X 1 Rahul Dravid
 - 2. Rashid Khan
 - X 3. Sachin Tendulkar
 - X 4. Tatenda Taibu

Question ID: 9489118006

Option 1 ID: 94891132021 Option 2 ID: 94891132024

Option 3 ID: 94891132022

Option 4 ID: 94891132023

Status: Answered

Chosen Option: 2

Q.49 Which of the following began with a revolt of the military soldiers at Meerut, soon became widespread and posed a grave challenge to the British rule?

Ans

- √ 1 The Indian Mutiny (1857)
- × 2. Battle of Plassey (1757)
- X 3. Quit India Movement (1942)
- X 4 Battle of Panipat (1761)

Question ID: 9489118017

Option 1 ID: 94891132067

Option 2 ID: 94891132066

Option 3 ID: 94891132068

Option 4 ID: 94891132065

Status: Answered

https://dc4-g22.digialm.com//per/g22/pub/2667/touchstone/AssessmentQPHTMLMode1//2667O2177/2667O2177S9D5947/16279106477... Q.50 Find the greatest number of three digits which is exactly divisible by 6, 8, 10 and 16. **1.** 960 X 2. 720 X 3. 240 X 4. 480 Question ID: 9489118150 Option 1 ID: 94891132599 Option 2 ID: 94891132600 Option 3 ID: 94891132597 Option 4 ID: 94891132598 Status : **Answered** Chosen Option: 1 Q.51 The mean of 8 numbers is 37. If one of the number is excluded, the mean gets reduced by 2. The excluded number is: Ans X 1. 39 **√** 2. 51 X 3. 41 X 4. 35 Question ID: 9489118173 Option 1 ID: 94891132689 Option 2 ID: 94891132691 Option 3 ID: 94891132692 Option 4 ID: 94891132690 Status: Answered Chosen Option: 2 Q.52 Normally, A QWERTY keyboard has _____ keys. Ans X 1. 120 X 2. 98 **3**. 104 X 4. 100 Question ID: 9489118036 Option 1 ID: 94891132141 Option 2 ID: 94891132144 Option 3 ID: 94891132142 Option 4 ID: 94891132143 Status: Answered Chosen Option: 1

Q.53 If 5 men or 9 children can finish a task in 92 days, then how much time will 20 men and 10 children take to finish the

Ans

X 1. 27 days

X 2. 36 days

X 4. 9 days

Question ID: 9489118163

Option 1 ID: 94891132651

Option 2 ID: 94891132652

Option 3 ID: 94891132650 Option 4 ID: 94891132649

Status: Answered

Chosen Option: 3

Q.54 The difference between the compound interest and the simple interest on a certain amount at a rate of interest of 5% per annum for 2 years is ₹25. Find the amount.

Ans

1. ₹10,000

× 2. ₹8,500

× 3. ₹9,000

X 4. ₹7,500

Question ID: 9489118160

Option 1 ID: 94891132640

Option 2 ID: 94891132638

Option 3 ID: 94891132639 Option 4 ID: 94891132637

Status: Answered

Chosen Option: 1

Q.55 In a code language, SHIFT is written as VKLIW and LIFT is written as OLIW. How will JOB be written

as in that code language?

Ans X 1. OSG

√ 2. MRE

X 3. LQD

X 4. NSF

Question ID: 9489118074

Option 1 ID: 94891132296

Option 2 ID: 94891132295

Option 3 ID: 94891132293 Option 4 ID: 94891132294

Status: Answered

Q.56 Select the option that is different from the rest.

Ans

- ✓ 1. Dialogue
- X 2. Bark
- X 3. Bray
- X 4. Roar

Question ID: 9489118095 Option 1 ID: 94891132378 Option 2 ID: 94891132379

Option 3 ID: 94891132377 Option 4 ID: 94891132380

Status: Answered

Chosen Option: 1

Q.57 Who has been appointed by the United Nations Development Programme (UNDP) as its Goodwill Ambassador in the year 2019?

Ans

- X 1. Hima Das
- X 2. Amitabh Bachchan
- 3. Padma Lakshmi
- X 4. Priyanka Chopra

Question ID: 9489118004

Option 1 ID: 94891132015

Option 2 ID: 94891132016

Option 3 ID: 94891132014 Option 4 ID: 94891132013

Status: Answered

Chosen Option: 4

Q.58 Eight people, namely A, B, C, D, E, F, G and H are sitting around a dining table. D is the brother of E. G's wife is F. B is A's wife. C is married to H. A is C's brother. F is the father-in-law of B. C is the father of his only son D. How is A related to D?

Ans

- X 1. Son
- × 2. Mother's father
- ✓ 3. Paternal Uncle
- X 4. Father

Question ID: 9489118080

Option 1 ID: 94891132319

Option 2 ID: 94891132317

Option 3 ID: 94891132320

Option 4 ID: 94891132318

Status: Answered

Solve the following.

 $\frac{7}{77} \times 7777077 = ?$

Ans X 1. 7007007

2. 707007

X 3. 707077

X 4. 707070

Question ID: 9489118144

Option 1 ID: 94891132576

Option 2 ID: 94891132573

Option 3 ID: 94891132575

Option 4 ID: 94891132574

Status: Answered

Chosen Option: 2

Blood pressure is the force:

Ans

1 inside the artery during ventricular diastole

× 2. inside the artery during ventricular systole

X 3. inside the veins

✓ 4. that blood exerts against the wall of a vessel

Question ID: 9489118016

Option 1 ID: 94891132063

Option 2 ID: 94891132062

Option 3 ID: 94891132064

Option 4 ID: 94891132061 Status: Answered

Chosen Option: 2

Q.61 Muneer walked from his school, 85 m west, 45 m north, 25 m east and then, 45 m south. He stopped at this point to issue books from library. How far and in which direction is Muneer's school from the library?

Ans

✓ 1. 60 m, east

X 2. 60 m, south

X 3. 60 m, west

X 4. 55 m, west

Question ID: 9489118097

Option 1 ID: 94891132385

Option 2 ID: 94891132387

Option 3 ID: 94891132388

Option 4 ID: 94891132386 Status: Answered

Q.62 Which part of desert plants such as cactus performs the process of photosynthesis?

- Ans X 1. Leaves
 - ✓ 2. Stem
 - X 3. Spines
 - X 4. Roots

Question ID: 9489118015

Option 1 ID: 94891132057

Option 2 ID: 94891132059

Option 3 ID: 94891132060

Option 4 ID: 94891132058

Status: Answered

Chosen Option: 2

Q.63 X and Y together can finish a task in 3 days, Y and Z together in 6 days, and X and Z together in 9 days. If all work together then the task will be finished in _

Ans

- \times 1 $\frac{11}{36}$ days
- \checkmark 2. $\frac{36}{11}$ days
- X 3. 18 days
- \times 4. $\frac{1}{18}$ days

Question ID : 9489118161

Option 1 ID: 94891132643

Option 2 ID: 94891132644

Option 3 ID: 94891132641 Option 4 ID: 94891132642

Status: Answered

Chosen Option: 2

Q.64 If FHB = 36644, then DAG will be equal to:

- Ans X 1. 16444
 - X 2. 16212
 - √ 3. 16149
 - X 4. 16332

Question ID: 9489118100

Option 1 ID: 94891132399

Option 2 ID: 94891132400

Option 3 ID: 94891132397

Option 4 ID: 94891132398

Status: Answered

The HCF of $\frac{7}{16}$, $\frac{9}{24}$ and $\frac{11}{64}$ is:

Ans X 1. 69



X 3. 192

X 4. 1

Question ID: 9489118147

Option 1 ID: 94891132585

Option 2 ID: 94891132588 Option 3 ID: 94891132586

Option 4 ID: 94891132587

Status: Not Answered

Chosen Option: --

Q.66 The product of 0.27 and 3.54 is less than 5.743 by how much?

X 1. 0.7558

X 2. 3.89

X 3. 5.742

4. 4.7872

Question ID: 9489118146

Option 1 ID: 94891132581

Option 2 ID: 94891132584

Option 3 ID: 94891132582

Option 4 ID: 94891132583 Status: Answered

Chosen Option: 4

Q.67 Select the option in which the words share the same relationship as that shared by the given pair of words.

Vitamin D : Rickets

Ans

X 1. Aspirin : Pain

X 2. Vitamin C : Thyroid

√ 3. Iron : Anemia

X 4. Bacteria : Cholera

Question ID: 9489118077

Option 1 ID: 94891132305

Option 2 ID: 94891132308

Option 3 ID: 94891132307

Option 4 ID: 94891132306

Status: Answered

https://dc4-g22.digialm.com//per/g22/pub/2667/touchstone/AssessmentQPHTMLMode1//2667O2177/2667O2177S9D5947/16279106477... Q.68 An asset that the borrower owns and uses this as a guarantee to a lender until the loan is repaid is called: ✓ 1. Collateral X 2. Interest X 3. Debit X 4. Credit Question ID: 9489118043 Option 1 ID: 94891132170 Option 2 ID: 94891132169 Option 3 ID: 94891132172 Option 4 ID: 94891132171 Status: Answered Chosen Option: 1 Q.69 Sonar is a device that uses ultrasonic waves to measure the distance, direction and speed of objects ____ Ans X 1. on land X 2. in air X 3. in space 4. underwater Question ID: 9489118031 Option 1 ID: 94891132123 Option 2 ID: 94891132122 Option 3 ID: 94891132124 Option 4 ID: 94891132121 Status: Answered Chosen Option: 4 The 15th Pravasi Bhartiya Diwas (2019) was organised at: Ans X 1 Bengaluru X 2. Ahmedabad 3. Marina Bay Sands 4. Varanasi Question ID: 9489118007 Option 1 ID: 94891132025 Option 2 ID: 94891132028 Option 3 ID: 94891132026 Option 4 ID: 94891132027 Status: Answered Chosen Option: 4

https://dc4-g22.digialm.com//per/g22/pub/2667/touchstone/AssessmentQPHTMLMode1//2667O2177/2667O2177S9D5947/16279106477... Q.71 By selling a book at $\stackrel{?}{=}125$, Ram earns a profit equal to $\frac{2}{5}$ th of the selling price. Find the cost price of the book (in ₹). Ans X 1. 30 **2**. 75 X 3. 50 X 4. 100 Question ID: 9489118149 Option 1 ID: 94891132596 Option 2 ID: 94891132595 Option 3 ID: 94891132593 Option 4 ID: 94891132594 Status: Answered Chosen Option: 2 Q.72 What types of mountains are created when large areas are broken and displaced vertically? Ans ✓ 1. Block mountains X 2. Range X 3. Volcanic mountains X 4. Fold mountains Question ID: 9489118025 Option 1 ID: 94891132099 Option 2 ID: 94891132100 Option 3 ID: 94891132098 Option 4 ID: 94891132097 Status: Answered Chosen Option: 4 Q.73 Panini was a famous Sanskrit _____. Ans X 1. poet X 2. novelist 🗸 3. grammarian X 4. writer Question ID: 9489118018 Option 1 ID: 94891132071 Option 2 ID: 94891132069 Option 3 ID: 94891132072 Option 4 ID: 94891132070 Status: Answered Chosen Option: 2

https://dc4-g22.digialm.com//per/g22/pub/2667/touchstone/AssessmentQPHTMLMode1//2667O2177/2667O2177S9D5947/16279106477... Q.74 The difference between the place value of 8 and 6 in the number 786392 is: Ans **1** 74000 X 2. 7400 X 3. 8000 X 4. 6000 Question ID: 9489118148 Option 1 ID: 94891132592 Option 2 ID: 94891132591 Option 3 ID: 94891132589 Option 4 ID: 94891132590 Status : Answered Chosen Option: 1 Q.75 Which of the following rail networks is the fourth largest network in the world? Ans X 1. China X 2. U.S.A ✓ 3. India X 4. Russia Question ID: 9489118042 Option 1 ID: 94891132165 Option 2 ID: 94891132166 Option 3 ID: 94891132167 Option 4 ID: 94891132168 Status: Answered Chosen Option: 3 Q.76 After how many years (approximately) of debate, the Constitution of India was signed? Ans X 1. 5 X 2. 4 Question ID: 9489118027 Option 1 ID: 94891132107 Option 2 ID: 94891132108 Option 3 ID: 94891132105 Option 4 ID: 94891132106 Status: Answered Chosen Option: 4

https://dc4-g22.digialm.com//per/g22/pub/2667/touchstone/AssessmentQPHTMLMode1//2667O2177/2667O2177S9D5947/16279106477... Q.77 In how many years will a sum of ₹4,000 be increased to ₹4,840 at 10% compound interest per annum? Ans 🗸 1. 2 X 2. 6 **X** 3. 4 X 4. 1 Question ID: 9489118158 Option 1 ID: 94891132630 Option 2 ID: 94891132631 Option 3 ID: 94891132629 Option 4 ID: 94891132632 Status: Answered Chosen Option: 1 Q.78 The median of 7, 14, 13, 12, 20, 11, 15 and 8 is: Ans X 1. 11.5 X 2. 12 **√** 3. 12.5 X 4. 11 Question ID: 9489118171 Option 1 ID: 94891132682 Option 2 ID: 94891132683 Option 3 ID: 94891132684 Option 4 ID: 94891132681 Status: Answered Chosen Option: 3 Q.79 Which is the smallest bone of the human body? X 1. Humerus X 2. Femur X 3. Malleus 4. Stapes Question ID: 9489118012 Option 1 ID: 94891132048 Option 2 ID: 94891132045 Option 3 ID: 94891132046 Option 4 ID: 94891132047 Status: Answered Chosen Option: 4

Study the given pattern carefully and select the number that can replace the question mark (?) in it.









Ans X 1. 1436

√ 2. 1432

X 3. 1545

X 4. 1442

Question ID: 9489118102

Option 1 ID: 94891132405

Option 2 ID: 94891132406 Option 3 ID: 94891132407

Option 4 ID: 94891132408

Status: Answered

Chosen Option: 2

The LCM of $(a^3 + b^3)$ and $(a^4 - b^4)$ is:

Ans

$$\times$$
 1. $(a^3 + b^3)(a^2 - b^2)(a - b)$

$$\times$$
 2. $(a + b) (a^2 + ab + b^2)$

$$\times$$
 3. $(a^3 + b^3)(a^2 + b^2)(a + b)$

$$\checkmark$$
 4. $(a^3 + b^3)(a^2 + b^2)(a - b)$

Question ID: 9489118167

Option 1 ID: 94891132668

Option 2 ID: 94891132667

Option 3 ID: 94891132666

Option 4 ID: 94891132665

Status: Answered

Chosen Option: 4

The Brihadisvara temple is in which state of India?

Ans

X 1. Rajasthan

X 2. Madhya Pradesh

3. Tamil Nadu

X 4. Uttar Pradesh

Question ID: 9489118008

Option 1 ID: 94891132030

Option 2 ID: 94891132029

Option 3 ID: 94891132031

Option 4 ID: 94891132032

Status: Answered

Q.83 An introductory statement in a constitution that states the reasons and guiding values of the constitution is called:

Ans

- X 1. Article
- X 2. Fundamental rights
- √ 3. Preamble
- X 4. Clause

Question ID: 9489118029 Option 1 ID: 94891132114 Option 2 ID: 94891132115 Option 3 ID: 94891132113 Option 4 ID: 94891132116

Status : Answered

Chosen Option: 3

Q.84 ABC is a right-angled triangle, right angled at C. If $A = 60^{\circ}$ and $AC = 20\sqrt{3}$ units, then find AB.

Ans

- \checkmark 1. 40 $\sqrt{3}$ units
- X 2. 40 units
- \times 3. 20 $\sqrt{3}$ units
- \times 4. $\sqrt{3}$ units

Question ID : 9489118170

Option 1 ID : 94891132678 Option 2 ID : 94891132680

Option 3 ID : 94891132677

Option 4 ID: 94891132679

Status: Answered

Chosen Option : 1

Q.85 Find the least number that on being divided by 5, 6, 8, 9 and 12 leaves 4 as the remainder in each case.

Ans

- **1** 364
- X 2. 360
- X 3. 366
- X 4. 368

Question ID: 9489118152

Option 1 ID: 94891132607

Option 2 ID: 94891132605

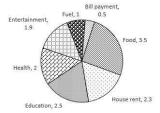
Option 4 ID : 94891132606

Option 4 ID: 94891132608

Status: Answered

Q.86 Study the following pie chart carefully which shows the monthly expenditure (in ₹) of a family.

If total amount spent on monthly expenditure during the month was \$45,000, then what was the amount (in \$) spent on education and health taken together (to the nearest thousand)?



Ans

X 1 13,000

2. 15,000

X 3. 17,000

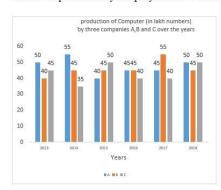
X 4. 11,000

Question ID: 9489118089 Option 1 ID: 94891132354 Option 2 ID: 94891132355 Option 3 ID: 94891132356 Option 4 ID: 94891132353

Status : Answered

Chosen Option : 2

Q.87 Study the graph of the production of computers by three companies A, B and C over the years. What is the ratio of the production by company C in 2017 to that by company B in 2014?



Ans

X 1. 9:8

√2.8:9

X 3. 9:11

X 4. 11:9

Question ID: 9489118090

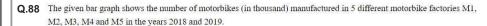
Option 1 ID : 94891132357

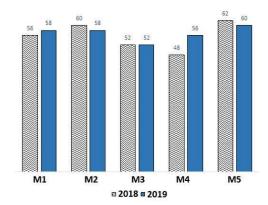
Option 2 ID: 94891132360

Option 3 ID: 94891132359

Option 4 ID: 94891132358

Status : Answered





Which of the following statements is NOT true?

Ans



Total production of M1, M2 and M3 for 2018 is the same as 2019.



Total production of M4 and M5 for 2019 is greater than that of 2018



Production of M3 in 2019 is exactly the same as production for 2018.



Average production of M1, M2 and M3 in 2019 is greater than average production of M1, M2 and M3 in 2018.

Question ID: 9489118091 Option 1 ID: 94891132363 Option 2 ID: 94891132362 Option 3 ID: 94891132364 Option 4 ID: 94891132361

Status: Answered

Q.89 The given bar graph shows the profit made by a software company (in Million \$) from 2013 to 2018.



The profit made by the company in 2017-18 was approximately what percentage of the average profit over the period under review which means 2013-18?

Ans

X 1. 200%

X 2. 85%

X 3. 90%

4. 107%

Question ID: 9489118092

Option 1 ID: 94891132366

Option 2 ID: 94891132368

Option 3 ID: 94891132367 Option 4 ID: 94891132365

Status: Answered

Chosen Option: 4

Q.90 Select the option that is different from the rest.

Ans

✓ 1. Gold

X 2. Spade

X 3. Diamond

X 4. Club

Question ID: 9489118093

Option 1 ID: 94891132372

Option 2 ID: 94891132370

Option 3 ID: 94891132371

Option 4 ID: 94891132369

Status : Answered

Select the option that correctly represents the given classes. Rose, Lily, Water Ans

> Question ID: 9489118096 Option 1 ID: 94891132382 Option 2 ID: 94891132381 Option 3 ID: 94891132384 Option 4 ID: 94891132383 Status : Answered

Q.92 Select the option that CANNOT be concluded from the statements given below.

Statement 1: All snakes are pizza.

Statement 2: Some pizzas are tea.

Statement 3: Some snakes are tea.

Ans

- 1 Some tea are not snake but they are pizza.
- ✓ 2. All pizzas are either tea or snake.
- 3. Some pizzas are neither tea nor snake.
- X 4. Some tea are both pizza and snake.

Question ID: 9489118075
Option 1 ID: 94891132299
Option 2 ID: 94891132298
Option 3 ID: 94891132300
Option 4 ID: 94891132297
Status: Answered

Chosen Option : 2

Q.93 Read the given statements and conclusions carefully and decide which of the conclusions logically follow(s) from the statements.

Statements:

- (i) Some of the topics taught by my teacher are light, sound and electricity.
- (ii) None of the topics of magnetism and waves are taught by my teacher.
- (iii) All the topics taught by my teacher, except thermodynamics, are very comprehensible and interesting.

Conclusions:

- (i) My teacher teaches the topic sound in a very interesting manner.
- (ii) Magnetism and thermodynamics are not taught by my teacher.
- (iii) The topic waves taught by my teacher is not very comprehensible.

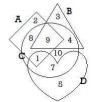
Ans

- X 1. Only conclusion (i) and (ii) follow.
- 2. Only conclusion (iii) follows.
- X 3. Only conclusion (i) and (iii) follow.
- 4. Only conclusion (i) follows.

Question ID: 9489118082 Option 1 ID: 94891132326 Option 2 ID: 94891132327 Option 3 ID: 94891132328

Option 4 ID: 94891132325 Status: Answered

Q.94 The following figure is a combination of 4 figures, A (rhombus), B (triangle), C (circle) and D (heart). Figure A represents number of people who like to read classical novels. Figure B represents people who like to read fictional novels. Figure C and D represents people who like to read biographies and fantasy novels, respectively. How many people like to read only biographies or only classical novels?



Ans X 1. 8

× 2. 18

√ 3. 12

X 4. 27

Question ID: 9489118098 Option 1 ID: 94891132389

Option 2 ID: 94891132390 Option 3 ID: 94891132391

Option 4 ID: 94891132392 Status: Answered

Chosen Option: 1

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

Winter: Summer:: Freeze:?

Ans

✓ 1. Melt

X 2. Sweat

X 3. Evaporate

X 4. Ice

Question ID: 9489118076

Option 1 ID: 94891132304

Option 2 ID: 94891132301

Option 3 ID: 94891132302 Option 4 ID: 94891132303

Status: Answered

Study the given pattern carefully and select the number that can replace the question mark (?) in it.







Ans

X 2. 6

X 4. 12

Question ID: 9489118084 Option 1 ID: 94891132336

Option 2 ID: 94891132334 Option 3 ID: 94891132333 Option 4 ID: 94891132335

Status: Answered Chosen Option: 3

Q.97 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

5	3	6
11	7	14
?	20	40

Ans X 1. 20

2. 32

X 3. 16

X 4. 12

Question ID: 9489118103

Option 1 ID: 94891132411

Option 2 ID: 94891132409

Option 3 ID: 94891132410

Option 4 ID: 94891132412 Status: Answered

Q.98 Select the option that will fill in the blank and complete the given series.

4, 6, 10, 16, 24, _, 46, 60

Ans X 1. 36

X 2. 42

Question ID: 9489118099

Option 1 ID: 94891132394

Option 2 ID: 94891132395

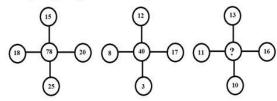
Option 3 ID: 94891132396

Option 4 ID: 94891132393

Status: Answered

Chosen Option: 4

 $\textbf{Q.99} \quad \text{Study the given pattern carefully and select the number that can replace the question mark (?) in it.}$



Ans

× 2. 15

Question ID: 9489118083

Option 1 ID: 94891132331

Option 2 ID: 94891132332

Option 3 ID: 94891132329

Option 4 ID: 94891132330

Status: Answered

Q.100 Read the given statement and the courses of action carefully and decide which of the courses of action logically follow(s) from the statement.

Statement: There are chances that the dinner consumed by the students today was contaminated by typhoid causing

Courses of Action:

- (i) Some medical help must be immediately sought for the students.
- (ii) Students must be asked to prepare well for exams.
- (iii) The remainder of dinner (if any) must be thrown away.

Ans

- X 1 Only action (i) and (ii) follow.
- X 2. Only action (iii) follows.
- X 3. All the actions (i), (ii) and (iii) follow.
- ✓ 4. Only action (i) and (iii) follow.

Question ID: 9489118081

Option 1 ID: 94891132321

Option 2 ID: 94891132322 Option 3 ID: 94891132323

Option 4 ID: 94891132324

Status: Answered

Chosen Option: 4

QP HTML Generated date 2021/08/02-18:54:06