RAILWAY RECRUITMENT BOARDS
रेलवे भर्ती बोर्ड

RRB NTPC 27th April 2016 Shift 3

Test Date:	27/04/2016
Test Time:	4:00 PM - 5:30 PM
Subject:	RRB NTPC Graduate

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

Q.1 Introducing a man, Shamita said, "He is the only son of my mother's mother." How is Shamita related to the man?

Question ID : **9888373174**
Status : **Answered**
Chosen Option : **1**

A. Mother
B. Aunt
C. Sister
D. Niece

Ans
✓ 1. D
✗ 2. A
✗ 3. C
✗ 4. B

Q.2 If $2x+3 = 9$ then find the value of $3x+2$

Question ID : **9888373150**
Status : **Answered**
Chosen Option : **1**

A. 12
B. 16
C. 13
D. 11

Ans
✓ 1. D
✗ 2. C
✗ 3. B
✗ 4. A

Q.3 Radish is an example of:

Question ID : **9888373111**
Status : **Answered**
Chosen Option : **4**

A. bulb
B. root
C. tuber
D. fruit

Ans
✗ 1. A
✗ 2. D
✗ 3. C
✓ 4. B

Q.4

Question ID : **9888373175**
Status : **Answered**

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Pointing to a man in a photograph, Gunjan said, "His mother's only daughter is my mother." How is Gunjan related to that man?

A. Nephew
B. Sister
C. Wife
D. Niece

Chosen Option : 1

Ans
1. A
2. D
3. B
4. C

Q.5 One should use porcelain and not metal containers in a microwave oven because…

A. Charge may accumulate on the metal surface and there is danger of getting a shock.
B. Porcelain vessels are better conductors of heat and thus food gets cooked quickly.
C. Metal containers might undergo chemical reaction leading to spoilage of food.
D. Porcelain vessels are cheaper than the metal containers.

Question ID : **9888373094**
Status : **Answered**
Chosen Option : **1**

Ans
1. A
2. B
3. C
4. D

Q.6 Thomas Cup is associated with which of the following sports?

A. Hockey
B. Badminton
C. Football
D. Cricket

Question ID : **9888373102**
Status : **Answered**
Chosen Option : **3**

Ans
1. C
2. B
3. A
4. D

Q.7 When was the ASLV used in India for the first time?

A. 1980
B. 1987
C. 1994
D. 2000

Question ID : **9888373128**
Status : **Not Attempted**
Chosen Option : **--**

Ans
1. C
2. B
3. A
4. D

Q.8 Three clocks are designed to alarm in every hour, two hours and three hours respectively. If they all alarmed together three hours before, then after how many hours will they next alarm together?

A. 3 hours
B. 6 hours
C. 2 hours
D. 1 hours

Question ID : **9888373138**
Status : **Answered**
Chosen Option : **2**

Ans
1. D
2. A
3. B
4. C

Q.9 Name the international independent agency whose key activities include scientific research, education, development & monitoring of anti-doping capacities and code in all sports and all countries.

A. International Body Against Doping
B. World Anti-Doping Agency
C. Play true, Play safe
D. International Body for Sports Ethics

Question ID : **9888373104**
Status : **Answered**
Chosen Option : **3**

Ans
1. A

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✗ 2. C

✓ 3. B

✗ 4. D

Q.10 Winner of Mixed doubles category in Wimbledon, 2015 is _____.

A. Sania Mirza & Leander Paes
B. Serena Williams & Roger Federer
C. Martina Hingis & Leander Paes
D. Serena Williams & Novak Djokovic

Question ID : **9888373097**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. A

✗ 2. D

✗ 3. B

✓ 4. C

Q.11 Insert the missing character depicted by '?'

18	24	32
12	14	16
3	?	4
72	112	128

A. 2
B. 3
C. 4
D. 5

Question ID : **9888373165**
Status : **Answered**
Chosen Option : **4**

Ans
✓ 1. B

✗ 2. A

✗ 3. C

✗ 4. D

Q.12 India has designed and developed pilotless target aircrafts named _____, and made successful test flights of its unmanned air vehicle (UAV).

1. Nishant
2. Lakshya
3. Astra

A. Only 2
B. Only 1
C. Only 2 and 3
D. Only 1 and 2

Question ID : **9888373121**
Status : **Not Attempted**
Chosen Option : **--**

Ans
✓ 1. D

✗ 2. A

✗ 3. C

✗ 4. B

Q.13 Which of the following branch of medical science deals with the study and treatment of the liver?

A. Helcology
B. Hepatology
C. Heterology
D. Geriatrics

Question ID : **9888373125**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. D

✗ 2. C

✓ 3. B

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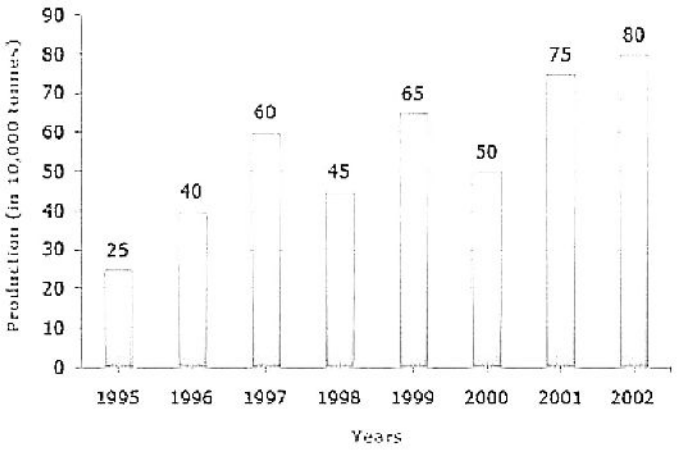
✗ 4. A

Comprehension:

Study the bar chart and answer the questions based on it.

Production of Pesticides by Coromandal International Ltd. Company (in 1000 tonnes)



SubQuestion No : 14

Q.14 The average production of 1996 and 1997 was exactly equal to the average production of which of the following pairs of years?

A. 2000 and 2001
B. 1999 and 2000
C. 1998 and 2000
D. 1995 and 2001

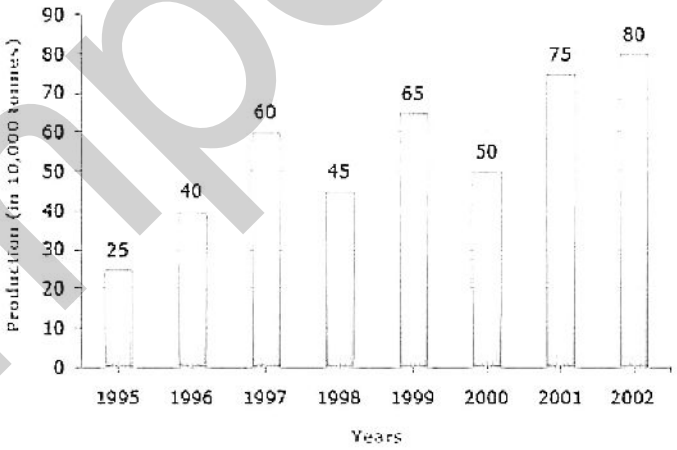
Question ID : **9888373188**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. B
✗ 2. A
✗ 3. C
✓ 4. D

Comprehension:

Study the bar chart and answer the questions based on it.

Production of Pesticides by Coromandal International Ltd. Company (in 1000 tonnes)



SubQuestion No : 15

Q.15 In which year was the percentage increase in production as compared to the previous year the maximum?

A. 2002
B. 2001
C. 1997
D. 1996

Question ID : **9888373190**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. C
✓ 2. D
✗ 3. A
✗ 4. B

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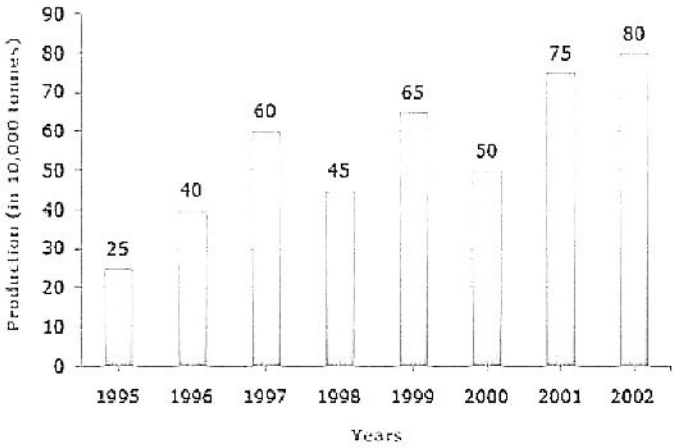
Comprehension:

Study the bar chart and answer the questions based on it.

Production of Pesticides by Coromandal International Ltd. Company (in 1000 tonnes)



SubQuestion No : 16

Q.16 What was the percentage increase in production of Pesticides in 2002 compared to that in 1995?

A. 320%
B. 300%
C. 220%
D. 200%

Question ID : **9888373189**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. A
✓ 2. C
✗ 3. D
✗ 4. B

Q.17 The President of India, Pranab Mukherjee presented the 24th Saraswati Sammaan for the year 2014 to:

A. Govind Mishra
B. Sugathakumari
C. M Veerappa Moily
D. Dilip Parulekar

Question ID : **9888373101**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. B
✗ 2. D
✗ 3. A
✓ 4. C

Q.18 _____ is one of the states of matter obtained by cooling a gas of very low density to extremely low temperatures.

A. Gas
B. Plasma
C. Bose-Einstein Condensate (BEC)
D. Plasma Condensate

Question ID : **9888373091**
Status : **Answered**
Chosen Option : **1**

Ans
✓ 1. C
✗ 2. B
✗ 3. A
✗ 4. D

Comprehension:

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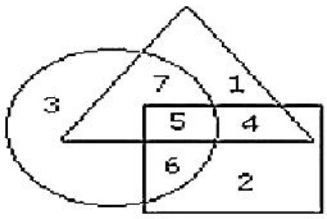
Study the following figure and answer the questions given below.

Trained Lecturers

Married Population

Lecturers in college



SubQuestion No : 19

Q.19 By which number, the trained unmarried lecturers in the college are represented?

A. 6
B. 5
C. 7
D. 4

Question ID : **9888373186**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. C
✗ 2. B
✓ 3. D
✗ 4. A

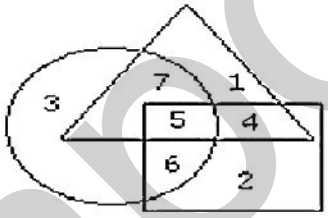
Comprehension:

Study the following figure and answer the questions given below.

Trained Lecturers

Married Population

Lecturers in college



SubQuestion No : 20

Q.20 If Ravenshaw College management requires only married trained lecturers for teaching, What is represented by the number 7?

A. Married lecturers in the college
B. Trained lecturers
C. Unmarried trained lecturers
D. Married trained lecturers

Question ID : **9888373185**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. C
✗ 2. B
✓ 3. A
✗ 4. D

Comprehension:

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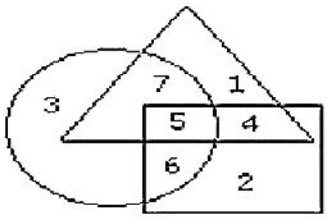
Study the following figure and answer the questions given below.

Trained Lecturers

Married Population

Lecturers in college



SubQuestion No : 21

Q.21 By which number, the trained married lecturers in the college are represented?

A. 7
B. 6
C. 5
D. 4

Question ID : **9888373184**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. B
✓ 2. C
✗ 3. A
✗ 4. D

Q.22 Four pairs of words are given below out of which three are alike in some manner and one is different. Which is different from the rest?

A. Steel : Utensils
B. Bronze : Statue
C. Duralumin : Aircraft
D. Wood : Rails

Question ID : **9888373170**
Status : **Answered**
Chosen Option : **1**

Ans
✓ 1. D
✗ 2. C
✗ 3. A
✗ 4. B

Q.23 Find the least number that must be subtracted from 98534, to get a number exactly divisible by 824.

A. 484
B. 478
C. 422
D. 375

Question ID : **9888373134**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. C
✗ 2. A
✓ 3. B
✗ 4. D

Q.24 20 pens and 46 pencils were purchased for Rs. 235. If the average price of a pencil is Rs. 2.50 then calculate the average price (in Rs.) of a pen.

A. 6
B. 4
C. 8
D. 12

Question ID : **9888373133**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. B
✗ 2. C
✓ 3. A
✗ 4. D

Q.25

Question ID : **9888373112**
Status : **Answered**
Chosen Option : **2**

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Belur Math is located at:

A. West Bengal
B. Maharashtra
C. Uttar Pradesh
D. Tamil Nadu

Ans
✗ 1. D
✓ 2. A
✗ 3. B
✗ 4. C

Q.26 Galvanization a process to prevent rusting involves use of _____ coating to steel or iron.

A. Nickel
B. Magnesium
C. Copper
D. Zinc

Question ID : **9888373118**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. A
✗ 2. B
✗ 3. C
✓ 4. D

Q.27 **Direction:**
There are three statements which are followed by three conclusions. Choose the conclusions which logically follow from the given statements.

Statements:

All the doors are keys.
All the keys are bats.
Some clocks are bats.

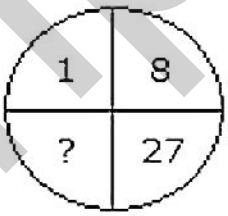
Conclusions:
(1) Some bats are doors.
(2) Some clocks are keys.
(3) All the keys are doors.

A. Only (1) and (2)
B. Only (1)
C. Only (2)
D. Only (1) and (3)

Question ID : **9888373180**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. C
✓ 2. B
✗ 3. D
✗ 4. A

Q.28 Insert the missing character depicted by '?'



A. 41
B. 64
C. 35
D. 61

Question ID : **9888373167**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. C
✓ 2. B
✗ 3. A
✗ 4. D

Q.29

Question ID : **9888373132**

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If $\sqrt{5} = 2.236$; then $\sqrt{5}/2$ is

A. 1.851
B. 1.118
C. 2.236
D. 1.782

Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. C
✗ 2. A
✓ 3. B
✗ 4. D

Q.30 Which state of India produces the highest quantity of Jute?

A. Bihar
B. Odisha
C. West Bengal
D. Jharkhand

Question ID : **9888373114**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. B
✗ 2. A
✓ 3. C
✗ 4. D

Q.31 Which of the following languages was not included in the 8th schedule of Indian Constitution through 92nd amendment act?

A. Maithili
B. Bodo
C. Santhali
D. Kannada

Question ID : **9888373113**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. A
✓ 2. D
✗ 3. C
✗ 4. B

Q.32 A table tennis player, lost 12 games out of 18 games played. Calculate the games won in terms of decimal.

A. 0.667
B. 0.067
C. 0.50
D. 0.333

Question ID : **9888373136**
Status : **Answered**
Chosen Option : **1**

Ans
✓ 1. D
✗ 2. A
✗ 3. B
✗ 4. C

Q.33 কোন গৌণ রঙটি, দুটি মৌলিক রঙ লাল এবং নীল-এর মিশ্রণে পাওয়া যায়?

A. সাদা
B. হলুদ
C. ম্যাজেন্টা
D. সায়ান

Question ID : **9888373093**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. D
✓ 2. C
✗ 3. B
✗ 4. A

Q.34

Question ID : **9888373164**
Status : **Answered**

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If in a certain language, MANURE is coded as EMRNUA, how is LIVELY coded in that code?

Chosen Option : 1

A. YLLEVI
B. YLVLEI
C. YLLVEI
D. YLVLIE

Ans
✓ 1. C
✗ 2. A
✗ 3. B
✗ 4. D

Q.35 The value of (0.00000729/0.00000027) is

Question ID : **9888373131**
Status : **Answered**
Chosen Option : **2**

A. 0.27
B. 0.027
C. 2.7
D. 27

Ans
✗ 1. C
✓ 2. D
✗ 3. A
✗ 4. B

Q.36 If a/b = 1/4 ; b/c =1/8 and a=2 then the value of c is-

Question ID : **9888373140**
Status : **Answered**
Chosen Option : **3**

A. 8
B. 16
C. 32
D. 64

Ans
✗ 1. C
✗ 2. A
✓ 3. D
✗ 4. B

Q.37 The value of $\cos 0^0$ is

Question ID : **9888373156**
Status : **Answered**
Chosen Option : **3**

A. 0
B. Infinite
C. not defined
D. 1

Ans
✗ 1. B
✗ 2. A
✓ 3. D
✗ 4. C

Q.38 **Read the statement and select a conclusion from the given alternatives:**
Statement:

Company 'X' had asked its employees to declare income and assets but it has been strongly opposed by the employees' his/her union and no employee is going to declare his/her income.

Conclusions:

I. The employees of the company 'X' do not seem to have any additional income besides their salary.
II. The employees' union want all the senior officer to declare their income first.

Question ID : **9888373191**
Status : **Answered**
Chosen Option : **4**

A. only conclusion I follows.
B. only conclusion II follows.
C. either I or II follows.
D. neither I nor II follows.

Ans
✗ 1. C
✗ 2. B
✗ 3. A

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✓ 4. D

Q.39 Prime Minister Narendra Modi has released two commemorative coins of denominations Rs. 125 & Rs. 10 as a mark of tribute to whom?

A. Abdul Kalam
B. Mahatma Gandhi
C. Dr. Rajendra Prasad
D. B.R.Ambedkar

Question ID : **9888373095**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. B
✓ 2. D
✗ 3. C
✗ 4. A

Q.40 যদি একটি সমকোণী ত্রিভুজের, দীর্ঘতম বাহুটি মাঝারি বাহুর থেকে 4 সেমি বেশী লম্বা হয় এবং মাঝারি বাহুটি ক্ষুদ্রতম বাহুটির থেকে 4 সেমি বেশী লম্বা হয়, তাহলে মাঝারি বাহুটির দৈর্ঘ্য কত?

A. 12 সেমি
B. 16 সেমি
C. 20 সেমি
D. 8 সেমি

Question ID : **9888373155**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. D
✓ 2. B
✗ 3. C
✗ 4. A

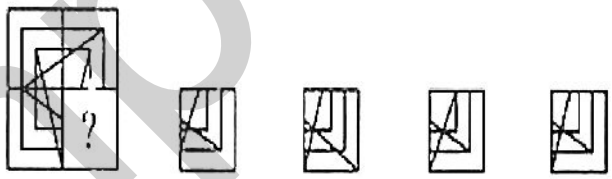
Q.41 _____ soils are red in color and not suitable for agriculture found along the Tamil Nadu, Odisha and small part of Chhotanagpur and Meghalaya.

A. Alluvial Soil
B. Red Soil
C. Laterite Soil
D. Regur Soil

Question ID : **9888373115**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. A
✗ 2. B
✗ 3. D
✓ 4. C

Q.42 Complete the Figure X from the given alternatives 1,2,3,4



Question ID : **9888373171**
Status : **Answered**
Chosen Option : **1**

A. 1
B. 2
C. 3
D. 4

Ans
✗ 1. B
✗ 2. A
✗ 3. C
✓ 4. D

Q.43 নিম্নলিখিত কোনটি রাজ্যের মুখ্যমন্ত্রীর সম্পর্কে সত্য নয়?

A. রাজ্য পর্যায়ে মুখ্যমন্ত্রীর অবস্থান, কেন্দ্রে রাষ্ট্রপতির পদের অনুরূপ।
B. গভর্নর সেইসমস্ত ব্যক্তিদেরই মন্ত্রী হিসাবে নিয়োগ করেন যাদের শুধুমাত্র মুখ্যমন্ত্রী সুপারিশ করেন।
C. মুখ্যমন্ত্রী হলেন রাজ্য পরিকল্পনা বোর্ডের চেয়ারম্যান।
D. মুখ্যমন্ত্রী যতদিন বিধানসভায় সংখ্যাগরিষ্ঠ সমর্থন পাচ্ছেন ততদিন গভর্নর তাঁকে বরখাস্ত করতে পারবেন না।

Question ID : **9888373106**
Status : **Answered**
Chosen Option : **3**

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Ans
✗ 1. B
✗ 2. D
✓ 3. A
✗ 4. C

Q.44 Name the device used to connect computers for communication via telephone lines.

A. HUB
B. Switch
C. Repeater
D. MODEM

Question ID : **9888373107**
Status : **Answered**
Chosen Option : **1**

Ans
✓ 1. D
✗ 2. A
✗ 3. C
✗ 4. B

Q.45 Factors of $x^2+7x+10$ are

A. (x-5) (x-2)
B. (x+5) (x+2)
C. (x-5) (x+2)
D. (x-4) (x+2)

Question ID : **9888373151**
Status : **Answered**
Chosen Option : **1**

Ans
✓ 1. B
✗ 2. C
✗ 3. D
✗ 4. A

Q.46 Who among the following is known as the Father of Civil Services in India?

A. Lord Cornwallis
B. Warren Hastings
C. Lord Wellesley
D. Lord William Bentinck

Question ID : **9888373117**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. C
✓ 2. A
✗ 3. D
✗ 4. B

Q.47 In terms of environmental studies, CER refers to:

A. Certified Emission Reductions
B. Capped Emission Repository
C. Certified Emission Repository
D. Capped Emission Reductions

Question ID : **9888373130**
Status : **Not Attempted**
Chosen Option : **--**

Ans
✗ 1. B
✓ 2. A
✗ 3. C
✗ 4. D

Q.48 World climate conference popularly known as COP-21 (2015) was held in _____.

A. New York
B. London
C. Paris
D. Berlin

Question ID : **9888373122**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. B
✗ 2. D

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3. C

4. A

Q.49 Gitesh took a loan for 4 years at 5% Compound Interest. If the total interest paid was Rs. 431.01, Calculate the principal.

A. Rs. 2000
B. Rs. 2050
C. Rs. 2100
D. Rs. 2150

Question ID : **9888373145**
Status : **Answered**
Chosen Option : **4**

Ans
1. B
2. D
3. C
4. A

Q.50 A, B and C can complete the work in 4, 5 and 6 hours respectively. If they all work together and receive Rs. 777 as wages, then find the share of A.

A. Rs. 300
B. Rs. 315
C. Rs. 326
D. Rs. 175

Question ID : **9888373141**
Status : **Answered**
Chosen Option : **2**

Ans
1. D
2. B
3. A
4. C

Q.51 A shopkeeper purchased a pen drive of marked price Rs. 1000 at successive discounts of 10% & 15% respectively. He spent Rs. 35 on packaging and sold it on Rs. 1000. Calculate the Gain percent.

A. No Gain
B. 25%
C. 30%
D. 35%

Question ID : **9888373149**
Status : **Answered**
Chosen Option : **3**

Ans
1. D
2. C
3. A
4. B

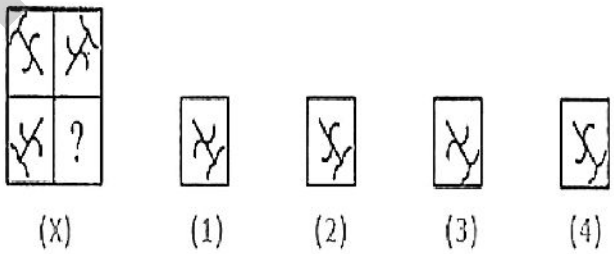
Q.52 In a certain code language, if EXECUTE is coded as 5351695 and SCRIPT is coded as 714279, then EXIST will be coded as?

A. 23579
B. 97532
C. 23597
D. 53279

Question ID : **9888373161**
Status : **Answered**
Chosen Option : **4**

Ans
1. B
2. A
3. C
4. D

Q.53 Complete the Figure X from the given alternatives 1,2,3,4



Question ID : **9888373172**
Status : **Answered**
Chosen Option : **2**

A. 1
B. 2
C. 3
D. 4

Ans
1. A
2. C

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3. D

4. B

Q.54 Rampal told Arjun, 'Yesterday I defeated the only brother of the daughter of my grandmother.' Whom did Rampal defeat?

A. Son
B. Father
C. Brother
D. Father-in-law

Question ID : **9888373173**
Status : **Answered**
Chosen Option : **4**

Ans
1. D
2. A
3. C
4. B

Q.55 Battle of Gulnabad was led by Mahmud Hotaki and fought in the year____.

A. 1770
B. 1722
C. 1712
D. 1702

Question ID : **9888373123**
Status : **Not Attempted**
Chosen Option : **--**

Ans
1. A
2. B
3. D
4. C

Q.56 Apollo 11, the first artificial satellite that landed humans on moon, was launched in which year?

A. 1975
B. 1968
C. 1969
D. 1958

Question ID : **9888373126**
Status : **Answered**
Chosen Option : **3**

Ans
1. D
2. B
3. C
4. A

Q.57 The smallest number that is completely divisibly by 6, 8, 12 and 16 is-

A. 48
B. 24
C. 64
D. 80

Question ID : **9888373137**
Status : **Answered**
Chosen Option : **4**

Ans
1. C
2. B
3. D
4. A

Q.58 Name the committee appointed in 1986 by Rajiv Gandhi on "Revitalisation of Panchayati Raj Institution for Democracy & Development".

A. Ashok Mehta Committee
B. L M Singhvi Committee
C. G.V.K Rao Committee
D. Balwant Rai Mehta Committee.

Question ID : **9888373105**
Status : **Answered**
Chosen Option : **1**

Ans
1. A
2. C
3. B
4. D

Q.59 _____ are a mountain range that runs almost parallel to the western coast of the Indian peninsula, and is one of the eight "hottest hotspots" of biological diversity in the world sometimes called the "Great Escarpment of India".

A. Eastern Ghats
B. Western Ghats
C. Himalayas
D. Satpura Range

Question ID : **9888373098**
Status : **Answered**
Chosen Option : **4**

Ans
1. C

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✗ 2. D

✗ 3. A

✓ 4. B

Q.60 A man, rowing a boat, covers a distance of 16 km in two hours downstream. He covers half the distance in same amount of time when rowing upstream. Calculate the speed of the stream.

A. 4 km/hr
B. 2 km/hr
C. 3 km/hr
D. 1 km/hr

Question ID : **9888373143**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. C

✗ 2. A

✗ 3. D

✓ 4. B

Q.61 **Match the Correct Memory Units.**

a) 4 bit	(p) 1 MB
b) 1024 KB	(q) 1 byte
c) 1024 TB	(r) 1 nibble
d) 8 bit	(s) 1 PB

A. a-r, b-p, c-s, d-q
B. a-p, b-s, c-q, d-r
C. a-r, b-s, c-q, d-p
D. a-r, b-q, c-s, d-p

Question ID : **9888373108**
Status : **Answered**
Chosen Option : **1**

Ans
✓ 1. A

✗ 2. B

✗ 3. D

✗ 4. C

Q.62 **Read the statement and select a conclusion from the given alternatives:**

Statement:

The Official Secret Act (OSA) enacted by the 'ABC' Government in the year 1930 seems to be one of the major sources of corruption in the country 'X'.

Conclusions:

I. The Official Secret Act has to be abolished immediately to put an end to the corruption in the country 'X'.
II. The 'ABC' Government had an intention of encouraging corruption in the Government offices.

A. only conclusion I follows.
B. only conclusion II follows
C. either I or II follows.
D. neither I nor II follows

Question ID : **9888373192**
Status : **Answered**
Chosen Option : **3**

Ans
✓ 1. A

✗ 2. B

✗ 3. C

✗ 4. D

Q.63 Who is the Amrut Yojana scheme named after? (initiative to meet the nutrition needs of pregnant, lactating women in the tribal areas)

A. Mahatma Gandhi
B. Abdul Kalam
C. B R Ambedkar
D. Indira Gandhi

Question ID : **9888373096**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. C

✓ 2. B

✗ 3. D

✗ 4. A

Q.64

Question ID : **9888373153**
Status : **Answered**

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Find the maximum area of a rectangular field which is surrounded by a rope of 400 m.

Chosen Option : **2**

A. 5000 m²
B. 6250 m²
C. 4000 m²
D. 10000 m²

Ans
✗ 1. A
✓ 2. D
✗ 3. C
✗ 4. B

Q.65 **Read the statements and select a conclusion from the given alternatives:**
Statement:

The minimum qualification for this job is MTECH.
However, candidates who have appeared for the final year of MTECH can also apply.

Conclusions:

I. All candidates who have yet to post graduate will be there in the list of selected candidates.
II. All candidates having MTECH as their minimum qualification will be there in the list of selected candidates.

Question ID : **9888373193**
Status : **Answered**
Chosen Option : **3**

A. only conclusion I follows.
B. only conclusion II follows.
C. either I or II follows.
D. neither I nor II follows

Ans
✗ 1. C
✗ 2. A
✓ 3. D
✗ 4. B

Q.66 If $19x^2 = 100^2 - 90^2$, then find the value of x

Question ID : **9888373152**
Status : **Answered**
Chosen Option : **2**

A. 10
B. 9
C. 11
D. 12

Ans
✗ 1. C
✓ 2. A
✗ 3. D
✗ 4. B

Q.67 _____ a professional Tennis player, became the new goodwill ambassador for the UN Fund for Children.

Question ID : **9888373100**
Status : **Answered**
Chosen Option : **2**

A. Sania Mirza
B. Serena Williams
C. Roger Federer
D. Novak Djokovic

Ans
✓ 1. D
✗ 2. A
✗ 3. C
✗ 4. B

Q.68 Rahul and Raghav are 110 km apart from each other and they started horse-riding towards each other at same time at a speed of 20 km/hr. and 24 km/hr. After how many hours of riding will they be a distance of 22 km?

Question ID : **9888373144**
Status : **Answered**
Chosen Option : **2**

A. 1 hour
B. 1 hour 30 min
C. 2 hours
D. 2 hours 30 min

Ans
✗ 1. D
✓ 2. C
✗ 3. B
✗ 4. A

Q.69

Question ID : **9888373116**
Status : **Answered**
Chosen Option : **3**

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The lady who played an important role in the awakening of Indian women to fight for independence and who is also known as Nightingale of India is -

A. Vijaya Lakshmi Pandit
B. Durga Bai Deshmukh
C. Sarojini Naidu
D. Madam Bhikaiji Cama

Ans
1. A
2. D
3. C
4. B

Q.70 A man buys 10 oranges for Rs. 3 and sells 8 for Rs. 3. Calculate his gain percent.

Question ID : **9888373148**
Status : **Answered**
Chosen Option : **1**

A. 20 %
B. 25 %
C. 27 %
D. 30 %

Ans
1. B
2. D
3. A
4. C

Q.71 A motorist knows four different routes from Jaipur to Bhangarh. From Bhangarh to Alwar he knows three different routes and from Alwar to Carlisle he knows two different routes. How many routes does he know from Jaipur to Carlisle?

Question ID : **9888373168**
Status : **Answered**
Chosen Option : **1**

A. 12
B. 24
C. 48
D. 60

Ans
1. B
2. D
3. A
4. C

Q.72 The expenses of a person increases by Rs. 50000 for every month in February and March. If his expenses in January was Rs. 50000, Calculate his average expenditure (in Rs.) from January to March.

Question ID : **9888373160**
Status : **Answered**
Chosen Option : **3**

A. 100000
B. 150000
C. 75000
D. 50000

Ans
1. C
2. D
3. A
4. B

Q.73 An example of Full Duplex communication channel.

Question ID : **9888373109**
Status : **Answered**
Chosen Option : **1**

A. Radio Broadcasting
B. Television Broadcasting
C. Walkie-Talkie
D. Telephone conversation

Ans
1. D
2. A
3. C
4. B

Q.74 Ravi, Rohan and Rajesh alone can complete a work in 10, 12 and 15 days respectively. In how many days can the work be completed, if all three work together?

Question ID : **9888373142**
Status : **Answered**
Chosen Option : **4**

A. 4 days
B. 5 days
C. 3 days
D. 8 days

Ans
1. B

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✗ 2. C

✗ 3. D

✓ 4. A

Q.75 In an examination, student gets on average 76 marks. The total marks for five subjects is 500. His marks in 4 subjects are mentioned; calculate the marks obtained by the student in Mathematics marked as "x" in the table below.

Question ID : **9888373159**
Status : **Answered**
Chosen Option : **2**

Subject	Maths	English	Sanskrit	Science	Social Science
Marks Obtained	x	87	83	78	57

A. 80

B. 83

C. 72

D. 75

Ans ✗ 1. A

✓ 2. D

✗ 3. B

✗ 4. C

Q.76 If Selling Price is Rs. 72 & Gain Percentage = 20%, calculate the Cost Price.

Question ID : **9888373147**
Status : **Answered**
Chosen Option : **2**

A. Rs. 60
B. Rs. 58
C. Rs. 61
D. Rs. 59

Ans ✗ 1. D

✓ 2. A

✗ 3. B

✗ 4. C

Q.77 রাসায়নিক প্রতীক সম্পর্কে নিচের কোনটি সত্য নয়?

Question ID : **9888373092**
Status : **Answered**
Chosen Option : **4**

A. মৌলের নামের জন্য এগুলি একটি শর্ট-হ্যান্ড নোটেশন
B. প্রতীক একটি একক অক্ষর বা দুটি অক্ষর নিয়ে গঠিত হয়
C. এটি জেমস চ্যাডউইক এবং জে. জে. থমসন দ্বারা প্রস্তাবিত হয়েছিল
D. ক্লোরিনের রাসায়নিক প্রতীক হল Cl.

Ans ✗ 1. D

✗ 2. A

✗ 3. B

✓ 4. C

Q.78 What fraction of 2 hours is 12 seconds?

Question ID : **9888373135**
Status : **Answered**
Chosen Option : **4**

A. 1/200
B. 1/300
C. 1/400
D. 1/600

Ans ✗ 1. B

✗ 2. C

✗ 3. A

✓ 4. D

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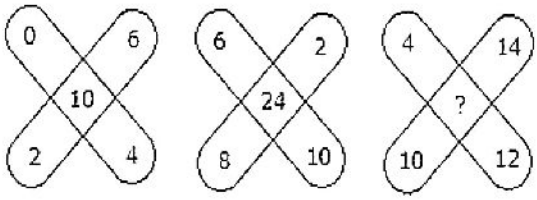
Q.79 Who has been appointed as first-ever Ombudsman (Ethics officer) of BCCI?

A. Justice A.P. Shah
B. Justice Anil R. Dave
C. Justice Dipak Misra
D. Justice Jagdish Singh Khehar

Question ID : **9888373103**
Status : **Answered**
Chosen Option : **4**

Ans
✗ 1. C
✓ 2. A
✗ 3. B
✗ 4. D

Q.80 Insert the missing character depicted by '?'



A. 36
B. 48
C. 38
D. 30

Question ID : **9888373166**
Status : **Not Attempted**
Chosen Option : **--**

Ans
✗ 1. A
✗ 2. B
✓ 3. C
✗ 4. D

Q.81 If the average age of 20 students in Class I is 10 years and average age of 25 students in Class II is 12 years, find the average age (in years) of all students.

A. 11
B. 11.111
C. 10.50
D. 10.85

Question ID : **9888373158**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. D
✓ 2. B
✗ 3. A
✗ 4. C

Q.82 Which part of the human brain is the centre for intelligence, memory and emotions?

A. Hypothalamus
B. Cerebrum
C. Corpus Callosum
D. Mid Brain

Question ID : **9888373124**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. D
✗ 2. A
✓ 3. B
✗ 4. C

Q.83 Two numbers are in ratio 3:4. When 3 is subtracted from both the numbers, the ratio becomes 2:3. Find the sum of the numbers.

A. 16
B. 20
C. 21
D. 22

Question ID : **9888373139**
Status : **Answered**
Chosen Option : **1**

Ans
✓ 1. C
✗ 2. B
✗ 3. D

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✗ 4. A

Q.84 একটি সমবাহু ত্রিভুজ, যার ক্ষেত্রফল $44\sqrt{3}$ বর্গ ইউনিট, তার অন্তর্বর্তি বৃত্ত (incircle) ও বহির্বৃত্তের (circumcircle) ব্যাসার্ধের অনুপাত কত হবে?

A. 1/2
B. 1/4
C. 1/3
D. 2/3

Question ID : **9888373154**
Status : **Not Attempted**
Chosen Option : **--**

Ans
✓ 1. B
✗ 2. A
✗ 3. C
✗ 4. D

Q.85 Calculate the principal if an amount of Rs. 441 is received on compound interest at the rate of 5% per annum after 2 years.

A. Rs. 400
B. Rs. 390
C. Rs. 380
D. Rs. 350

Question ID : **9888373146**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. C
✗ 2. D
✓ 3. A
✗ 4. B

Comprehension:

Answer the questions based on the following information:

Six colleagues are sitting in a circle and are facing the center of the circle. Diana is between Puskar and Padma. Priyanka is between Mahesh and Lucky. Puskar and Mahesh are opposite to each other.

SubQuestion No : 86

Q.86 Who are the neighbours of Mahesh?

A. Puskar and Diana
B. Diana and Priyanka
C. Priyanka and Padma
D. Lucky and Priyanka

Question ID : **9888373178**
Status : **Answered**
Chosen Option : **1**

Ans
✓ 1. C
✗ 2. B
✗ 3. D
✗ 4. A

Comprehension:

Answer the questions based on the following information:

Six colleagues are sitting in a circle and are facing the center of the circle. Diana is between Puskar and Padma. Priyanka is between Mahesh and Lucky. Puskar and Mahesh are opposite to each other.

SubQuestion No : 87

Q.87 Who is just right to Padma?

A. Diana
B. Lucky
C. Puskar
D. Priyanka

Question ID : **9888373177**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. B
✗ 2. D
✓ 3. A
✗ 4. C

Comprehension:

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Answer the questions based on the following information:

Six colleagues are sitting in a circle and are facing the center of the circle. Diana is between Puskar and Padma. Priyanka is between Mahesh and Lucky. Puskar and Mahesh are opposite to each other.

SubQuestion No : 88

Q.88 Who is sitting opposite to Priyanka?

Question ID : **9888373179**
Status : **Answered**
Chosen Option : **3**

A. Puskar
B. Diana
C. Padma
D. Lucky

Ans
✗ 1. A
✗ 2. D
✓ 3. B
✗ 4. C

Q.89 **Directions:**
There are three statements which are followed by four conclusions. Choose the conclusions which logically follow from the given statements

Statements:

Some cups are pins.
Some pins are covers.
All the covers are pens.

Conclusions:
(1) Some pens are pins.
(2) Some covers are cups.
(3) No cup is pin.
(4) Some pins are cups.

Question ID : **9888373181**
Status : **Answered**
Chosen Option : **1**

A. Only (1) and (2)
B. Only (2) and (4)
C. Only (2) and (3)
D. Only (1) and (4)

Ans
✓ 1. D
✗ 2. C
✗ 3. A
✗ 4. B

Q.90 নিচে চার জোড়া শব্দ দেওয়া হয়েছে যার তিনটির মধ্যে কোনো ধরনের একটি মিল রয়েছে এবং একটি জোড়া হলো পৃথক।
বাকিগুলির থেকে কোনটি পৃথক?

Question ID : **9888373169**
Status : **Answered**
Chosen Option : **4**

A. টুপি
B. ঘোমটা
C. হেলমেট
D. পাগড়ি

Ans
✗ 1. A
✗ 2. C
✗ 3. D
✓ 4. B

Q.91 If $\sin\theta = 40/41$, then $\cot\theta$ is

Question ID : **9888373157**
Status : **Answered**
Chosen Option : **3**

A. 40/9
B. 9/40
C. 9/41
D. 41/9

Ans
✗ 1. D
✗ 2. A
✓ 3. B

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✗ 4. C

Q.92 _____ হল ভারতের বৃহত্তম প্রাসাদগুলির একটি, যা 'অম্বা ভিলা' নামেও পরিচিত এবং ওদেয়ার মহারাজার বাসভবন ছিল।

A. মাইসোর প্যালেস
B. লেহ প্যালেস
C. মাত্তানচেরী প্যালেস
D. হাম্পি

Question ID : **9888373099**
Status : **Answered**
Chosen Option : **1**

Ans
✓ 1. A
✗ 2. C
✗ 3. D
✗ 4. B

Q.93 If in a certain language, SCARCE is coded as CSRAEC, how is STABLE coded in that code?

A. TBSAEL
B. BTSAEL
C. BTELSA
D. TSBAEL

Question ID : **9888373163**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. A
✗ 2. B
✓ 3. D
✗ 4. C

Q.94 **Direction:**
There are three statements which are followed by four conclusions. Choose the conclusions which logically follow from the given statements

Statements:

Some images are answers.
Some answers are videos.
All the videos are poems.

Conclusions:
(1) Some videos are answers.
(2) Some poems are images.
(3) All the images are poems.
(4) Some poems are answers.

A. Only (1) and (2)
B. Only (1) and (4)
C. Only (1) and (3)
D. Only (2) and (4)

Question ID : **9888373182**
Status : **Answered**
Chosen Option : **3**

Ans
✗ 1. D
✗ 2. A
✓ 3. B
✗ 4. C

Q.95 In a certain code language, if CHECK is coded as 97294 and QUERY is coded as 51238, then CHERRY will be coded as?

A. 729833
B. 792338
C. 972338
D. 338972

Question ID : **9888373162**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. D
✓ 2. C
✗ 3. B
✗ 4. A

Q.96 Human blood platelets releases _____ which helps in clotting of blood.

A. Prothrombin
B. Fibrin
C. Fructose
D. Sucrose

Question ID : **9888373110**
Status : **Answered**
Chosen Option : **3**

Ans
✓ 1. A
✗ 2. D
✗ 3. B
✗ 4. C

Q.97

Question ID : **9888373120**

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Light can travel _____ km in a year.

Status : **Answered**
Chosen Option : **1**

A. 5 billion
B. 10 billion
C. 5 trillion
D. 10 trillion

Ans
1. B
2. C
3. D
4. A

Q.98 What was the major decision that took place in 1987 Montreal Conference?

Question ID : **9888373129**
Status : **Answered**
Chosen Option : **3**

A. Developed countries will completely ban CFC production by 2000
B. Developed countries will completely ban CFC production by 2010
C. Developing countries will completely ban CFC production by 2000
D. Developing countries will completely ban CFC production by 2020

Ans
1. C
2. D
3. B
4. A

Q.99 The major objective of INSAT series of satellites is to facilitate.

Question ID : **9888373127**
Status : **Answered**
Chosen Option : **2**

A. TV relay to remote areas
B. Mobile network in remote areas
C. Internet services
D. Mapping locations through GPS

Ans
1. D
2. A
3. C
4. B

Q.100 A good cricket fielder while catching a fast moving ball moves his hand along with the ball because_____.

Question ID : **9888373119**
Status : **Answered**
Chosen Option : **4**

A. He decreases the time of contact therefore increasing the force of contact.
B. He increases the time of contact thereby reducing the force of contact.
C. He is afraid to take the ball and thus takes his hand out.
D. He decreases the time of contact therefore reducing the force of contact

Ans
1. C
2. A
3. D
4. B

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