RAILWAY RECRUITMENT BOARDS
रेलवे भर्ती बोर्ड

RRB NTPC 11th April 2016 Shift 2

Roll No:	
Participants Name:	
Test Center Name:	
Test Date:	11/04/2016
Test Time:	12:30 PM - 2:00 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

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Q.1 The number of sides of a regular polygon whose exterior angles are each 40^0 is:

A. 7

B. 10

C. 9

D. 8

Ans ✗ 1. D

✔ 2. C

✗ 3. B

✗ 4. A

Question ID : **9888371711**

Status : **Not Attempted**

Chosen Option : --

Q.2 Simplify: $(25)^{\frac{3}{2}}$

A. 625

B. 15625

C. 125

D. $\sqrt{125}$

Ans ✔ 1. C

✗ 2. A

✗ 3. D

✗ 4. B

Question ID : **9888371694**

Status : **Answered**

Chosen Option : **1**

Q.3 Nepal's first woman President is

A. Rita Bhandary

B. Vidya Devi Bhandari

C. Aishwarya Rajya Laxmi

D. Komal Rajya Laxmi

Question ID : **9888371666**

Status : **Not Attempted**

Chosen Option : --

✗ 1. D

✗ 2. A

✔ 3. B

✗ 4. C

Q.4 The length of a diagonal in cm of a rectangle of length 9 cm and width 5 cm is

Question ID : **9888371712**

Status : **Not Attempted**

Chosen Option : **--**

A. $\sqrt{106}$

B. $\pm\sqrt{106}$

C. $2\sqrt{14}$

D. $\pm 2\sqrt{14}$

Ans ✗ 1. B

✗ 2. C

✗ 3. D

✔ 4. A

Q.5 Function key ___ in a Windows keyboard can perform several functions, and does not have an assigned Windows default.

Question ID : **9888371681**

Status : **Not Attempted**

Chosen Option : **--**

A. F1
B. F6
C. F8
D. F9

Ans ✗ 1. D

✗ 2. A

✗ 3. B

✔ 4. C

Q.6 The variance of a set of data is 121. Then the standard deviation of the data is:

Question ID : **9888371718**

Status : **Not Attempted**

Chosen Option : **--**

A. ± 11

B. 11

C. 21

D. 60.5

Ans ✗ 1. C

✗ 2. A

✗ 3. D

✔ 4. B

Q.7 _____ won the FIFA Ballon d'Or award for the best player in the World in 2015.

Question ID : **9888371659**

Status : **Answered**

Chosen Option : **3**

A. Cristiano Ronaldo
B. Neymar
C. Lionel Messi
D. Luis Suarez

Ans ✗ 1. A

✗ 2. B

✔ 3. C

✗ 4. D

Q.8

Question ID : **9888371660**

Status : **Answered**

Chosen Option : **3**

Which one is not a football stadium in India?

A. Bakshi Stadium, Srinagar

B. Baichung Stadium, Sikkim

C. Salt Lake Stadium, Kolkata

D. Sardar Patel Stadium, Ahmedabad

Ans   ✗ 1. B

✗ 2. A

✔ 3. D

✗ 4. C

Q.9 मनोज, अनुराज से दोगुना सक्षम मछुआरा है तथा वे मिलकर एक कार्य को 22 दिनों में समाप्त करते हैं। अनुराज अकेला उसी कार्य को कितने दिनों में पूरा करेगा?

A. 44
B. 66
C. 88
D. 60

Question ID : **9888371700**

Status : **Not Attempted**

Chosen Option : **--**

Ans   ✗ 1. C

✔ 2. B

✗ 3. D

✗ 4. A

Q.10 Who awarded the Kaisar-i-Hind medal of the British to Mahatma Gandhi for his contribution to ambulance services in South Africa?

A. Lord Dalhousie
B. Lord Canning
C. Lord Hardinge
D. Lord Curzon

Question ID : **9888371658**

Status : **Not Attempted**

Chosen Option : **--**

Ans   ✗ 1. A

✗ 2. B

✗ 3. D

✔ 4. C

Q.11 आनंद की माँ, चंद्रा के पिता के बेटे की बहन है। आनंद का चंद्रा के पिताजी से क्या रिश्ता है?

A. दादाजी (Grandfather)
B. पिताजी
C. चाचा (Uncle)
D. पोता (Grandson)

Question ID : **9888371731**

Status : **Not Attempted**

Chosen Option : **--**

Ans   ✗ 1. C

✗ 2. B

✗ 3. A

✔ 4. D

Q.12

Question ID : **9888371683**

Status : **Not Attempted**

Chosen Option : **--**

CMOS is a

A. Battery-powered memory chip

B. Basic input-output system

C. Storage device

D. Cache memory operating system

Ans ✗ 1. B

✗ 2. D

✗ 3. C

✓ 4. A

Q.13 Borosilicate glass wear is used in microwave oven because

Question ID : **9888371688**

Status : **Not Attempted**

Chosen Option : **--**

A. It is not brittle

B. It is highly heat resistant

C. It cooks faster than any other vessel

D. It is energy efficient

Ans ✗ 1. D

✗ 2. C

✓ 3. B

✗ 4. A

Q.14 Two numbers are in ratio 4:5 and their HCF is 13. Their LCM is:

Question ID : **9888371696**

Status : **Not Attempted**

Chosen Option : **--**

A. 260

B. 52

C. 65

D. 265

Ans ✗ 1. C

✗ 2. B

✓ 3. A

✗ 4. D

Q.15 Aditya said, "I have two children and Anil is the father of my daughter's only niece". How is Anil related to Aditya?

Question ID : **9888371732**

Status : **Not Attempted**

Chosen Option : **--**

A. Father

B. Son

C. Grandfather

D. Brother

Ans ✗ 1. C

✗ 2. D

✗ 3. A

✓ 4. B

Q.16

Question ID : **9888371726**

Status : **Answered**

Chosen Option : **4**

Simplify: $\frac{5}{28} \div \frac{28}{35} \div \frac{20}{112}$

A. 4/5

B. 5/4

C. 4/7

D. 7/4

Ans ✗ 1. D

✗ 2. A

✗ 3. C

✔ 4. B

Q.17 A junior college inducts students based on the following criteria –

1. Students who scored above 75% in Physics, 85% in Mathematics and 70% in Chemistry.
2. Students who scored at least 60% in English.
3. Students who are good in a sport or play a musical instrument or know a dance form.

Which student among the following will the college definitely take?

A. Shakti with 80% in Physics, 65% in Chemistry, 85% in Mathematics, 61% in English and plays veena.

B. Megha secured 80% in Physics, 87% in Mathematics, 70% in English, 75% in Chemistry and is a singer.

C. Sheela secured 78% in Physics, 70% in Chemistry, 85% in Mathematics, 75% in English knows Manipuri folk dance.

D. Mallika secured 70% in Chemistry, 70% in Mathematics, 85% in Physics, 65% in English and plays basketball.

Question ID : **9888371750**

Status : **Answered**

Chosen Option : **2**

Ans ✗ 1. B

✔ 2. C

✗ 3. A

✗ 4. D

Q.18 A telephone bill costs Rs.13 for 19 minutes. What is the cost in rupees for 15 minutes 50 seconds? (Rounded to one decimal).

A. 10.8
B. 10.7
C. 10.6
D. 10.9

Question ID : **9888371698**

Status : **Not Attempted**

Chosen Option : **--**

Ans ✗ 1. C

✔ 2. A

✗ 3. D

✗ 4. B

Q.19 If **BLACK = AMZDJ** then **BEAUTIFUL =?**

A. AEZSUJEVK

B. AFZVSJEVK

C. AEZSUJFVK

D. AEZSSJEVK

Question ID : **9888371721**

Status : **Answered**

Chosen Option : **3**

Ans ✗ 1. C

✗ 2. D

✔ 3. B

✗ 4. A

Q.20 Mahabharata war lasted for _____ days.

A. 17

B. 18

C. 19

D. 21

Ans ✔ 1. B

✘ 2. D

✘ 3. C

✘ 4. A

Q.21 Who was elected as the Prime Minister of Nepal in 2015?

A. Khil Raj Regmi

B. Sushil Koirala

C. K. P. Sharma Oli

D. Baburam Bhattarai

Ans ✘ 1. D

✘ 2. A

✔ 3. C

✘ 4. B

Q.22 An assertion (A) and a reason (R) are given below.

Assertion (A): Some land outside the forest area is not fertile.

Reason (R): Extensive cattle grazing leads to loss of soil fertility.

Choose the correct option.

A. Both **A** and **R** are true and **R** is the correct explanation of **A**

B. Both **A** and **R** are true, but **R** is not the correct explanation of **A**

C. **A** is true, but **R** is false

D. **A** is false, but **R** is true

Ans ✘ 1. C

✘ 2. D

✔ 3. B

✘ 4. A

Q.23 Compute: $4082 \div 157 - 23$

A. -3

B. 3

C. 2041/67

D. 2014/67

Ans ✘ 1 D

✗ 2. C

✗ 3. A

✓ 4. B

Q.24 Mughal Emperor Humayun's tomb is in

A. Kabul

B. Delhi

C. Shahdara Bagh

D. Khuldabad

Question ID : **9888371669**

Status : **Not Attempted**

Chosen Option : --

Ans ✗ 1. C

✓ 2. B

✗ 3. A

✗ 4. D

Q.25 Q is P's sister. R is P's mother. M is Mrs. R's father. How is Q's father related to M?

A. Son

B. Grandson

C. Son-in-law

D. Brother

Question ID : **9888371733**

Status : **Not Attempted**

Chosen Option : --

Ans ✓ 1. C

✗ 2. D

✗ 3. A

✗ 4. B

Q.26 Select the alternative that shows a similar relationship as the given pair -

Impulsive : Impromptu

A. Moderate : Increase

B. Flawless : Impeccable

C. Perpetual : Transitory

D. Resistant : Receptive

Question ID : **9888371730**

Status : **Not Attempted**

Chosen Option : --

Ans ✓ 1. B

✗ 2. D

✗ 3. A

✗ 4. C

Q.27 Transparency International (TI) has put India at rank _____ out of 168 countries in its Corruption Perception Index as on January 2016.

A. 68

B. 76

C. 84

D. 101

Question ID : **9888371650**

Status : **Not Attempted**

Chosen Option : --

Ans ✗ 1. A

✗ 2. C

✓ 3. B

✗ 4. D

Q.28 Find the odd one out.

△ 3	□ 4	○ 0	⬠ 6
i	ii	iii	iv

A. iii

B. ii

C. i

D. iv

Ans ✗ 1. A

✗ 2. B

✔ 3. D

✗ 4. C

Q.29 If **Ammonia : Gas** then **Camphor :?**

A. Gas

B. Solid

C. Liquid

D. Semi-solid

Ans ✗ 1. A

✗ 2. C

✔ 3. B

✗ 4. D

Q.30 Find the odd one out.

A. Cocaine

B. Caffeine

C. Nicotine

D. Heroin

Ans ✗ 1. C

✗ 2. D

✔ 3. B

✗ 4. A

Q.31

Solve: $1000\,x - 5 = -6$

A. $\dfrac{1}{1000}$

B. $\dfrac{-1}{1000}$

C. $\dfrac{-11}{1000}$

D. $\dfrac{11}{1000}$

Ans ✔ 1. B

✖ 2. C

✖ 3. A

✖ 4. D

Q.32 **Find the odd one out.**
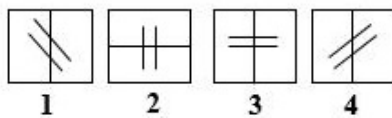
Question ID : 9888371729
Status : **Not Attempted**
Chosen Option : --

A. 1

B. 2

C. 3

D. 4

Ans ✖ 1. A

✔ 2. B

✖ 3. D

✖ 4. C

Q.33 If the product of two numbers is 2522 and their LCM is 97 then their HCF is:

A. 28

B. 29

C. 27

D. 26

Question ID : 9888371695
Status : **Answered**
Chosen Option : **1**

Ans ✔ 1. D

✖ 2. C

✖ 3. B

✖ 4. A

Q.34

Question ID : 9888371684
Status : **Not Attempted**
Chosen Option : --

_____ was India's first satellite launched from Indian-made launch vehicle.

A. Aryabhata

B. Rohini

C. Bhaskara-1

D. INSAT-1A

Ans ✗ 1. A

✗ 2. D

✗ 3. C

✔ 4. B

Q.35 Keerthana takes 9hrs 20minutes in walking a distance and riding back to same place where she started. She could walk both ways in 11hrs 15minutes. The time taken by her to ride back both ways is:

A. 7 hrs 25 min

B. 7 hrs 35 min

C. 7 hrs 45 min

D. 7 hrs 15 min

Question ID : **9888371701**

Status : **Not Attempted**

Chosen Option : **--**

Ans ✗ 1. B

✗ 2. C

✗ 3. D

✔ 4. A

Q.36 The mean of the data 2, 9, 9, 3, 6, 9, 4 is:

A. $\frac{33}{7}$

B. 6

C. $\frac{43}{7}$

D. 7

Question ID : **9888371716**

Status : **Answered**

Chosen Option : **1**

Ans ✔ 1. B

✗ 2. A

✗ 3. C

✗ 4. D

Q.37 If **O = 15** and **STAR = 58** then **CAMEL =?**

A. 35

B. 34

C. 33

D. 36

Question ID : **9888371720**

Status : **Answered**

Chosen Option : **2**

Ans ✗ 1. A

✔ 2. B

✗ 3. D

✗ 4. C

Q.38

Question ID : **9888371685**

Physical Research Laboratory was founded by _____.

A. S. K. Mitra

B. C. V. Raman

C. Homi Bhaba

D. Vikram Sarabhai

Status : Not Attempted

Chosen Option : **--**

Ans   ✓ 1. D

✗ 2. A

✗ 3. C

✗ 4. B

Comprehension:

Consider the following information and answer questions based on it.

Six students Lily, Mary, July, Daisy, Rosy and Fairy are sitting in a circle facing each other such that –

1. Mary sits to the immediate right of July.

2. Lily does not sit near Fairy.

3. The student sitting on the immediate left of July, sits to the immediate right of Fairy.

4. Rosy does not sit to the immediate right of Mary.

SubQuestion No : 39

Q.3
9
If July leaves the circle, then who will be sitting to the immediate right of Lily?

A. Fairy

B. Rosy

C. Daisy

D. Cannot be determined

Question ID : **9888371737**

Status : **Answered**

Chosen Option : **1**

Ans   ✓ 1. D

✗ 2. A

✗ 3. B

✗ 4. C

Comprehension:

Consider the following information and answer questions based on it.

Six students Lily, Mary, July, Daisy, Rosy and Fairy are sitting in a circle facing each other such that –

1. Mary sits to the immediate right of July.

2. Lily does not sit near Fairy.

3. The student sitting on the immediate left of July, sits to the immediate right of Fairy.

4. Rosy does not sit to the immediate right of Mary.

SubQuestion No : 40

Q.4
0

Question ID : **9888371735**

Status : **Answered**

Chosen Option : **3**

Who sits to the immediate right of Fairy?

A. Daisy

B. Rosy

C. Mary

D. Cannot be determined

Ans ✗ 1. A

✗ 2. C

✔ 3. D

✗ 4. B

Comprehension:

Consider the following information and answer questions based on it.

Six students Lily, Mary, July, Daisy, Rosy and Fairy are sitting in a circle facing each other such that —

1. Mary sits to the immediate right of July.

2. Lily does not sit near Fairy.

3. The student sitting on the immediate left of July, sits to the immediate right of Fairy.

4. Rosy does not sit to the immediate right of Mary.

SubQuestion No : 41

Q.4 1 _____ sits to the immediate left of Lily.

Question ID : 9888371736

Status : **Answered**

Chosen Option : **4**

A. Daisy

B. Mary

C. Rosy

D. July

Ans ✗ 1. D

✗ 2. A

✗ 3. C

✔ 4. B

Comprehension:

Out of the 100 nature lovers, 20 people wanted to see only bison, 30 wanted to see both bison and tiger, 15 wanted to see only leopard, 25 wanted to see only tiger, 5 wanted to see both bison and leopard and the remaining wanted to see only bear.

SubQuestion No : 42

Q.4 2

Question ID : 9888371742

Status : **Not Attempted**

Chosen Option : **--**

How many people wanted to see only one animal?

A. 35

B. 65

C. 60

D. 50

Ans ✗ 1. A

✓ 2. B

✗ 3. C

✗ 4. D

Comprehension:

Out of the 100 nature lovers, 20 people wanted to see only bison, 30 wanted to see both bison and tiger, 15 wanted to see only leopard, 25 wanted to see only tiger, 5 wanted to see both bison and leopard and the remaining wanted to see only bear.

SubQuestion No : 43

Q.4 How many people who wanted to see bison did not want to see leopard?
3

A. 5

B. 15

C. 50

D. 55

Question ID : **9888371743**

Status : **Not Attempted**

Chosen Option : **--**

Ans ✗ 1. B

✗ 2. A

✓ 3. C

✗ 4. D

Comprehension:

Out of the 100 nature lovers, 20 people wanted to see only bison, 30 wanted to see both bison and tiger, 15 wanted to see only leopard, 25 wanted to see only tiger, 5 wanted to see both bison and leopard and the remaining wanted to see only bear.

SubQuestion No : 44

Q.4 The ratio of people to wanted to see tiger to those who wanted to see bear is
4

A. 1/11

B. 11/3

C. 11/1

D. 3/11

Question ID : **9888371744**

Status : **Not Attempted**

Chosen Option : **--**

Ans ✗ 1. D

✗ 2. A

✓ 3. C

✗ 4. B

Q.45

Question ID : **9888371668**

Status : **Answered**

Chosen Option : **1**

The world heritage site Pashupatinath temple is located at

A. Peshawar

B. Kabul

C. Kathmandu

D. Multan

Ans ✅ 1. C

✖ 2. D

✖ 3. B

✖ 4. A

Q.46 Mr. Akshar sold a bus for Rs. 20,400 with a loss of 15%. At what price should the bus be sold to get a profit of 15%?

A. Rs. 27,400
B. Rs. 27,300
C. Rs. 27,500
D. Rs. 27,600

Question ID : **9888371705**

Status : **Answered**

Chosen Option : **3**

Ans ✖ 1. B

✖ 2. C

✅ 3. D

✖ 4. A

Q.47 If **PQRST : SPTRQ** then **HIJKL :?**

A. KHJLI

B. KHLIJ

C. KHLJI

D. KHILJ

Question ID : **9888371724**

Status : **Answered**

Chosen Option : **3**

Ans ✖ 1. A

✖ 2. D

✅ 3. C

✖ 4. B

Q.48 Mr. Devesh borrowed Rs. 4,500 at 4% per annum compound interest. The compound interest compounded annually for 2 years is:

A. Rs. 367.2
B. Rs. 4,867.2
C. Rs. 4,876.2
D. Rs. 376.2

Question ID : **9888371704**

Status : **Answered**

Chosen Option : **1**

Ans ✖ 1. B

✅ 2. A

✖ 3. D

✖ 4. C

Q.49 Divide Rs.221 in the ratio 1:3:6:7. The rupees in the respective ratios are

A. 13, 39, 77 & 92

B. 13, 39, 79 & 90

C. 13, 39, 78 & 91

D. 13, 40, 80 & 91

Question ID : **9888371697**

Status : **Answered**

Chosen Option : **1**

Ans
✔ 1. C
✘ 2. A
✘ 3. B
✘ 4. D

Q.50 Mount Everest is located in

A. Tibet

B. India

C. Nepal

D. Bhutan

Question ID : **9888371652**

Status : **Answered**

Chosen Option : **2**

Ans 1. A

2. C

3. B

4. D

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

Q.51 Astronauts inside spaceship feel _____ weight.

A. More

B. Less

C. Zero

D. Depends on G force

Question ID : **9888371687**

Status : **Not Attempted**

Chosen Option : **--**

Ans
✘ 1. D
✘ 2. B
✘ 3. A
✔ 4. C

Q.52 Which of the following is not regarded as helpful to compost?

A. Egg shells

B. Sawdust

C. Tea-bags

D. Fish bones

Question ID : **9888371662**

Status : **Not Attempted**

Chosen Option : **--**

Ans
✘ 1. B
✘ 2. C
✔ 3. D
✘ 4. A

Q.53

Question ID : **9888371649**

Status : **Not Attempted**

Chosen Option : **--**

The nation-wide campaign 'Operation Smile' is related to

A. Senior citizens

B. War widows

C. Freedom fighters

D. Missing children

Ans ✔ 1. D

✗ 2. B

✗ 3. A

✗ 4. C

Q.54 If $Tan\ A = \dfrac{15}{8}$ and $Tan\ B = \dfrac{7}{24}$, then $Tan\ (A-B) = ?$

Question ID : **9888371715**	
Status : **Not Attempted**	
Chosen Option : **--**	

A. $\dfrac{304}{297}$

B. $\dfrac{304}{425}$

C. $\dfrac{416}{87}$

D. $\dfrac{87}{416}$

Ans ✔ 1. A

✗ 2. B

✗ 3. D

✗ 4. C

Q.55 The human spinal column is made up of _____ bones.

Question ID : **9888371680**	
Status : **Not Attempted**	
Chosen Option : **--**	

A. 33

B. 42

C. 44

D. 53

Ans ✗ 1. B

✗ 2. C

✔ 3. A

✗ 4. D

Q.56

Question ID : **9888371673**	
Status : **Not Attempted**	
Chosen Option : **--**	

Air is a _____.

   A. Pure compound.

   B. Mixture of only compounds.

   C. Mixture of only elements.

   D. Mixture of both elements and compounds.

Ans   ✔ 1. D

    ✘ 2. A

    ✘ 3. B

    ✘ 4. C

Q.57 American astronaut Scott Joseph Kelly commanded the International Space Station consecutively for 340 days on _____.

   A. Expedition 24
   B. Expedition 25
   C. Expedition 26
   D. Expedition 27

Question ID : **9888371686**

Status : **Not Attempted**

Chosen Option : **--**

Ans   ✘ 1. D

    ✘ 2. A

    ✔ 3. C

    ✘ 4. B

Q.58 The value of $2.31 \times 0.34 = ?$

   A. 1.7854

   B. 0.7854

   C. 0.7845

   D. 0.7584

Question ID : **9888371692**

Status : **Answered**

Chosen Option : **1**

Ans   ✔ 1. B

    ✘ 2. A

    ✘ 3. C

    ✘ 4. D

Q.59 Correct expression of $0.01\overline{8} = ?$

   A. $\dfrac{1}{55}$

   B. $\dfrac{18}{100}$

   C. $\dfrac{18}{1000}$

   D. $\dfrac{1}{66}$

Question ID : **9888371693**

Status : **Not Attempted**

Chosen Option : **--**

Ans   ✔ 1. C

✗ 2. D

✗ 3. A

✗ 4. B

Q.60 Which one of the following does not directly refer to cholesterol?

A. Low density lipoprotein

B. High density lipoprotein

C. Rhesus factor

D. Packaged protein coat

Question ID : **9888371679**

Status : **Not Attempted**

Chosen Option : --

Ans ✗ 1. D

✔ 2. C

✗ 3. A

✗ 4. B

Q.61 The number seats of Lok Sabha was increased from 525 to _____ in 1973.

A. 560

B. 555

C. 550

D. 545

Question ID : **9888371664**

Status : **Answered**

Chosen Option : **2**

Ans ✗ 1. C

✔ 2. D

✗ 3. B

✗ 4. A

Q.62 What is not true with CT Scan?

A. Combines many X-ray images.

B. Scanning is often painful.

C. Generates 3-D cross-sectional views.

D. Identifies normal and abnormal structures.

Question ID : **9888371677**

Status : **Not Attempted**

Chosen Option : --

Ans ✔ 1. B

✗ 2. C

✗ 3. A

✗ 4. D

Q.63 Kalindi is another name of the river

A. Ganges

B. Bhagirathi

C. Yamuna

D. Brahmaputra

Question ID : **9888371653**

Status : **Not Attempted**

Chosen Option : --

Ans ✔ 1. C

✗ 2. B

✗ 3. D

✗ 4. A

Q.64 Which is the correct ascending order of the given numbers?

A. 1/3, 1/5, 2/5

B. 1/3, 2/5, 1/5

C. 1/5, 1/3, 2/5

D. 1/5, 2/5, 1/3

Ans ✗ 1. D

✗ 2. B

✗ 3. A

✔ 4. C

Q.65 Simplify: $5x - 2x(x - 1)$

A. $3x - 2$

B. $3x + 2$

C. $7x + 2x^2$

D. $7x - 2x^2$

Ans ✗ 1. A

✔ 2. D

✗ 3. C

✗ 4. B

Q.66 Statements followed by some conclusions are given below.

Statements:

1. Some blues are violets whereas some are purples.

2. All oranges are reds and some reds are violets.

3. All purples are red.

Conclusions:

I. Some reds are blues.

II. Some oranges are violets.

Find which of the given conclusions logically follow from the given statements.

A. Only conclusion I follows.

B. Only conclusion II follows.

C. Both I and II follow.

D. Neither I nor II follows.

Ans ✗ 1. D

✗ 2. B

✗ 3. C

✔ 4. A

Q.67

The functioning of a very old model pendulum clock was completely

A. Mechanical

B. Mechanical and electrical

C. Electrical

D. Battery operated

Ans ✔ 1. A

✗ 2. C

✗ 3. B

✗ 4. D

Q.68 IF **JAGUAR = HCEWYT** then **ELEPHANT =?**

A. CMCFRCLV

B. CNCRFCLV

C. CNCFRCLV

D. CNCRECLV

Ans ✔ 1. B

✗ 2. C

✗ 3. D

✗ 4. A

Q.69 Identify the positive impact of internet in life.

A. Cyber-crimes are on the increase.

B. Users suffer from internet addiction disorder.

C. Best source of knowledge through a click.

D. Leads to less physical activity and poor eye sight.

Ans ✔ 1. C

✗ 2. D

✗ 3. A

✗ 4. B

Q.70 If the mathematical operator, '+' means '×', '÷' means '−' , '−' means '+', and '×' means '÷', then the value of
11 + 14 × 7 − 5 ÷ 29 is

A. −5

B. −12

C. −7

D. −2

Ans ✗ 1. C

✗ 2. A

✗ 3. B

✔ 4. D

Q.71

Ghoomar is the popular folk dance of

A. Punjab

B. Himachal Pradesh

C. Rajasthan

D. Jammu and Kashmir

Ans ✗ 1. B

✗ 2. D

✗ 3. A

✔ 4. C

Q.72 Which figure will replace the (?) in the given sequence?
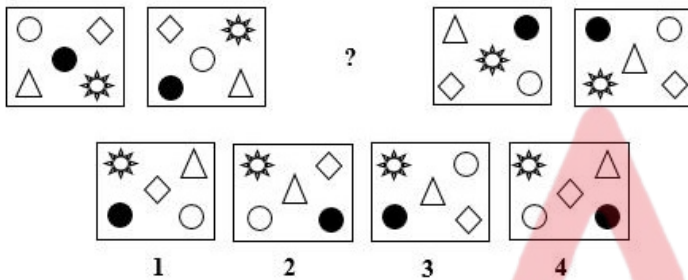
A. 1

B. 2

C. 3

D. 4

Ans ✔ 1. D

✗ 2. B

✗ 3. C

✗ 4. A

Q.73 If $Sin\ x = \dfrac{4}{5}$, then $\dfrac{Sec\ x}{Sin\ x} = ?$

A. $\dfrac{23}{12}$

B. $\dfrac{25}{4}$

C. $\dfrac{4}{5}$

D. $\dfrac{25}{12}$

Ans ✗ 1. A

✗ 2. C

Q.74 Which cricketer is not in the list of ICC Cricket Hall of Fame?

Question ID : 9888371667

Status : **Answered**

Chosen Option : **3**

A. Anil Kumble

B. Bishen Singh Bedi

C. Kapil Dev

D. Ravi Shastri

Ans ✗ 1. A

✗ 2. C

✓ 3. D

✗ 4. B

Q.75 What is the next number in the series –

4, 8, 8, 16, 12, 24, ___

A. 32

B. 48

C. 28

D. 16

Ans ✗ 1. A

✗ 2. C

✗ 3. B

✓ 4. D

Question ID : 9888371723

Status : **Answered**

Chosen Option : **4**

Q.76 Ms. Alina borrowed Rs. 650 at 6% per annum simple interest. What amount will she pay to clear her debt after 4 years?

A. Rs. 165

B. Rs. 860

C. Rs. 806

D. Rs. 156

Ans ✗ 1. B

✗ 2. D

✓ 3. C

✗ 4. A

Question ID : 9888371703

Status : **Answered**

Chosen Option : **2**

Q.77 Which of the following was described as the First Indian War of Independence?

Question ID : 9888371657

Status : **Answered**

Chosen Option : **2**

A. Partition of Bengal, 1905

B. Uprising of 1857

C. Civil Disobedience Movement, 1930 – 1931

D. Quit India Movement, 1942

Ans ✗ 1. D

✓ 2. B

✗ 3. A

✗ 4. C

Q.78 The order of rotational symmetry of a trapezium is:

A. 2

B. 0

C. 1

D. 3

Ans ✔ 1. C

✘ 2. B

✘ 3. D

✘ 4. A

Q.79 The median of the data -3, 4, 0, 4, -2, -5, 1, 7, 10, 5 is:

A. 2

B. 2.5

C. 2.75

D. 3

Ans ✔ 1. B

✘ 2. D

✘ 3. A

✘ 4. C

Q.80 In a certain code, '**book is big**' is written as **756**; '**big is story**' is **764** and '**story book is interesting**' is **4356**. Which digit represents '**interesting**'?

A. 3

B. 4

C. 5

D. 6

Ans ✘ 1. D

✘ 2. C

✘ 3. B

✔ 4. A

Q.81 Which of the following is not correct with reference to Bio-sand Water Filter?

A. It deactivates or kills pathogens.

B. Sedimentation removes larger particles.

C. Filtration removes smaller particles.

D. High quality water is always assured.

Ans ✘ 1. B

✔ 2. D

✘ 3. C

✘ 4. A

Q.82

कुछ कथन और कुछ निष्कर्ष नीचे दिए गए हैं।

कथन:

A. रवि, मीरा जो प्रति दिन 8 घंटे काम करती है, से अधिक काम करता है।

B. यूवी, प्रति दिन 9 घंटे काम करती है जो रवि से एक घंटा कम है।

निष्कर्ष:

I. रवि 8 घंटे काम करता है।

II. रवि और यूवी दोनों मीरा से प्रतिदिन अधिक काम करते हैं।

निम्नलिखित में से कौन सा (से) निष्कर्ष दिए गए कथनों का तार्किक रूप से अनुसरण करता (करते) है?

A. केवल निष्कर्ष I अनुसरण करता है।
B. केवल निष्कर्ष II अनुसरण करता है।
C. I और II दोनों अनुसरण करते हैं।
D. न I और ना ही II अनुसरण करता है।

Ans
✗ 1. D
✗ 2. C
✗ 3. A
✔ 4. B

Q.83 Which article of the Constitution of India relates to Uniform Civil Code?

A. 41
B. 42
C. 43
D. 44

Question ID : **9888371665**
Status : **Answered**
Chosen Option : **2**

Ans
✗ 1. C
✗ 2. A
✔ 3. D
✗ 4. B

Q.84 ITF Davis Cup is structured with a _____ nation World Group.

A. 8
B. 16
C. 20
D. 24

Question ID : **9888371661**
Status : **Not Attempted**
Chosen Option : **--**

Ans
✗ 1. A
✗ 2. D
✗ 3. C
✔ 4. B

Q.85 _____ is not a chemical change.

A. Cooking an egg
B. Melting an ice cube
C. Baking a cake
D. Rotting bananas

Question ID : **9888371672**
Status : **Not Attempted**
Chosen Option : **--**

Ans
✗ 1. C
✗ 2. A
✔ 3. B

✗ 4. D

Q.86 Chandan travelled equal distance with speed of 3 km/hr, 4 km/hr and 8 km/hr and takes a total time of 42.5 minutes. Find the total distance in km.

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

Question ID : **9888371702**

Status : **Not Attempted**

Chosen Option : **--**

Ans ✗ 1. A

✗ 2. C

✔ 3. D

✗ 4. B

Q.87 Who was appointed as the Managing Director of International Monetary Fund for 5 years starting July 5, 2016?

A. Strauss-Khan
B. Christine Lagarde
C. Jim Yong Kim
D. Rodrigo de Rato

Question ID : **9888371651**

Status : **Not Attempted**

Chosen Option : **--**

Ans ✗ 1. D

✗ 2. C

✔ 3. B

✗ 4. A

Q.88 4 men can build a small house in 12 days. How long would it take for 6 men to build the same house?

A. 9 days
B. 8 days
C. 8.1 days
D. 8.2 days

Question ID : **9888371699**

Status : **Not Attempted**

Chosen Option : **--**

Ans ✗ 1. C

✔ 2. B

✗ 3. A

✗ 4. D

Q.89 Which one does not relate to mobile phone touch panel sensing methods?

A. Finger touch
B. Voice recognition
C. Gloved touch
D. Light transmittance

Question ID : **9888371671**

Status : **Not Attempted**

Chosen Option : **--**

Ans ✗ 1. A

✔ 2. B

✗ 3. C

✗ 4. D

Q.90 Rearrange the jumbled letters to make a meaningful word and then select the one which is different.

A. GIANTLER
B. NILE
C. MUBORSH
D. RASQUE

Question ID : **9888371740**

Status : **Answered**

Chosen Option : **3**

Ans ✗ 1. D

✔ 2. B

✗ 3. C

Q.91 The cash difference between the selling price of an article at a profit of 2% and 12% is Rs.3. The ratio of two selling prices is:

A. 51:56
B. 51:53
C. 52:53
D. 55:56

Question ID : 9888371707

Status : **Not Attempted**

Chosen Option : **--**

Ans ✗ 1. C

✔ 2. A

✗ 3. B

✗ 4. D

Q.92 A shopkeeper cheats to the extent of 8% while buying and selling fruits, by using tampered weights, his total gain in percentage is:

A. 16.25
B. 16.64
C. 16.75
D. 16.5

Question ID : 9888371706

Status : **Not Attempted**

Chosen Option : **--**

Ans ✗ 1. A

✔ 2. B

✗ 3. D

✗ 4. C

Q.93 Acid rain is caused by release of _____ and _____ into the air.

A. Carbon dioxide and carbon monoxide

B. Sulphur dioxide and nitrogen oxides

C. Oxygen and water vapour

D. Nitrous oxide and ozone

Question ID : 9888371663

Status : **Not Attempted**

Chosen Option : **--**

Ans ✗ 1. C

✗ 2. D

✔ 3. B

✗ 4. A

Q.94 Given $w = -2$, $x = 3$, $y = 0$ & $z = -\frac{1}{2}$. Find the value of $\frac{z}{w} + x$.

A. $3\frac{1}{4}$

B. $-3\frac{1}{4}$

C. 3.2

D. 3.5

Question ID : 9888371708

Status : **Not Attempted**

Chosen Option : **--**

Ans ✗ 1. B

✗ 2. D

✗ 3. C

✔ 4. A

Q.95

Question ID : 9888371689

Status : **Answered**

Compute: $28854 \div 458 \div 9$

Chosen Option : **4**

    A. 70

    B. 567

    C. 7

    D. 576

Ans
- ✗ 1. A
- ✗ 2. D
- ✔ 3. C
- ✗ 4. B

Q.96 Western blot is the diagnostic test for

Question ID : **9888371675**

Status : **Not Attempted**

Chosen Option : **--**

    A. Plague

    B. Leprosy

    C. HIV

    D. Typhoid

Ans
- ✗ 1. A
- ✗ 2. D
- ✗ 3. B
- ✔ 4. C

Comprehension:

The pie chart represents the favourite stars (Bollywood stars SRK, SK, AK, HR and VD) of the people of a family.
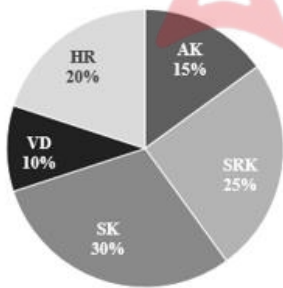
Consider the pie chart and answer questions based on it.

SubQuestion No : 97

Q.97 If there are 40 people in the family, what is the difference between those who like AK and those who like VD?
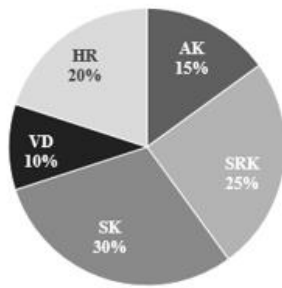
    A. 2

    B. 3

    C. 4

    D. 6

Question ID : **9888371746**

Status : **Answered**

Chosen Option : **1**

Ans
- ✔ 1. A
- ✗ 2. C
- ✗ 3. D
- ✗ 4. B

Comprehension:

The pie chart represents the favourite stars (Bollywood stars SRK, SK, AK, HR and VD) of the people of a family.

Consider the pie chart and answer questions based on it.

SubQuestion No : 98

Q.98 The ratio of people who like SRK to those who like SK is

A. 6/5

B. 5/6

C. 1/2

D. 2/1

Question ID : **9888371748**
Status : **Answered**
Chosen Option : **2**

Ans ✗ 1. D

✔ 2. B

✗ 3. C

✗ 4. A

Comprehension:

The pie chart represents the favourite stars (Bollywood stars SRK, SK, AK, HR and VD) of the people of a family.
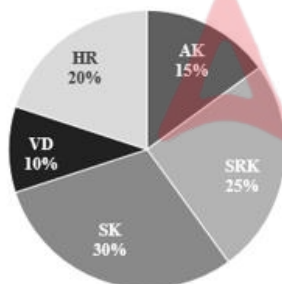
Consider the pie chart and answer questions based on it.

SubQuestion No : 99

Q.99 The sector angle corresponding to the HR is

A. 36°

B. 72°

C. 54°

D. 108°

Question ID : **9888371747**
Status : **Not Attempted**
Chosen Option : **--**

Ans ✗ 1. C

✔ 2. B

✗ 3. A

✗ 4. D

Q.10 0 _____ does not relate to measurement of memory capacity.

A. GB

B. TB

C. HB

D. ZB

Ans ✗ 1. A

✗ 2. B

✗ 3. D

✔ 4. C