Prepp

Practice, Learn and Achieve
Your Goal with Prepp

RRB Group D Exam

Previous Year Paper

Simplifying
Government Exams

Level-1 Posts CEN-02/2018

Participant ID:	262041008570018
Participants Name:	GUNJESH KUMAR
Test Center Name:	Buddha Institute Of Technology
Test Date:	04/10/2018
Test Time:	12:30 PM - 2:00 PM
Subject:	Level 1

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
3. The numbers indicated against the Question ID and Option ID are the numbers to be noted and used for raising objections

Q.1 The girth of stem or root increases due to _____.

Ans   ✗ 1. parenchyma

✔ 2. lateral meristem

✗ 3. apical meristem

✗ 4. intercalary meristem

Question ID : **6913523077**
Option 1 ID : **69135212308**
Option 2 ID : **69135212307**
Option 3 ID : **69135212305**
Option 4 ID : **69135212306**
Status : **Marked For Review**
Chosen Option : **2**

Q.2 Identify the odd one from the given group:

Ans   ✗ 1. iPod

✗ 2. Mobile phone

✔ 3. Desktop computer

✗ 4. Laptop

Question ID : **6913523027**
Option 1 ID : **69135212105**
Option 2 ID : **69135212107**
Option 3 ID : **69135212108**
Option 4 ID : **69135212106**
Status : **Answered**
Chosen Option : **2**

Q.3

While filling a _____, _____ can be compressed easily hence they can be filled within a vessel at high pressure. This property of _____ allows their convenient filling into a small container or cylinder and that also in a large volume. It also allows their easy transport from one place to another.

Ans

✗ 1. solid matter; solid; gases

✗ 2. gas container; water; gases

✗ 3. water tanker; water; water

✔ 4. gas container; gases; gasses

Question ID : **6913523069**
Option 1 ID : **69135212275**
Option 2 ID : **69135212276**
Option 3 ID : **69135212273**
Option 4 ID : **69135212274**
Status : **Answered**
Chosen Option : **4**

Q.4 नीचे दिए गए विवरण के आगे दो तर्क दिए गए हैं | निर्णय लें कि कौन सा (से) तर्क इस विवरण से मजबूत या अधिक संबंध रखता है (रखते हैं) |

विवरण :

बच्चों के मानसिक स्वास्थ्य को बनाए रखने के लिए उन्हें नियमित रूप से परामर्श दिया जाना चाहिए|

तर्क :

I. हां, मानसिक स्वास्थ्य शारीरिक स्वास्थ्य की तरह ही महत्वपूर्ण है, क्योंकि इससे बच्चों का समग्र विकास होता है |

II. नहीं, परामर्श एक समयसाध्य कार्य है और इससे बच्चों के समय का अपव्यय होता है|

Ans

✗ 1. केवल तर्क II मजबूत है।

✗ 2. दोनों तर्क I एवं II मजबूत हैं |

✗ 3. न तो तर्क I न ही तर्क II मजबूत है।

✔ 4. केवल तर्क I मजबूत है।

Question ID : **6913523032**
Option 1 ID : **69135212126**
Option 2 ID : **69135212128**
Option 3 ID : **69135212127**
Option 4 ID : **69135212125**
Status : **Marked For Review**
Chosen Option : **4**

Q.5 Where is the Namib Desert located?

Ans

✔ 1. Southern Africa

✗ 2. United States

✗ 3. Brazil

✗ 4. Afghanistan

Question ID : **6913523096**
Option 1 ID : **69135212382**
Option 2 ID : **69135212381**
Option 3 ID : **69135212383**

Q.6 If in a code language 'SHOE' is written as 'EOHS', then how will 'LACE' be written?

Ans ✗ 1. LACF

✗ 2. HSEO

✓ 3. ECAL

✗ 4. MBDF

Q.7 In some multicellular organism like Rhizopus, mushrooms, and some bacteria, aspergillus etc, reproduction takes place by:

Ans ✗ 1. Regeneration

✗ 2. Fertilisation

✗ 3. Fragmentation

✓ 4. Spores

Q.8 Who among the following was awarded with Dinanath Mangeshkar Award 2017, for his outstanding contribution to Cricket?

Ans ✗ 1. Lala Amarnath

✗ 2. Sunil Gavaskar

✗ 3. Anil Kumble

✓ 4. Kapil Dev

Q.9

Select the option that can replace the question mark (?) in the given figure series.
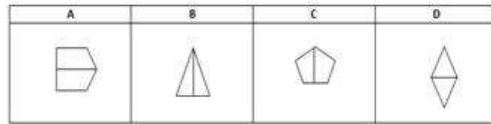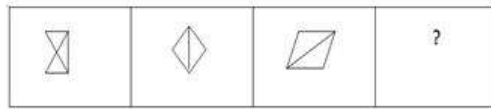
Ans   ✗ 1. A

      ✔ 2. D

      ✗ 3. B

      ✗ 4. C

Q.10 DoT has given its approval to merge Idea Cellular with which other telecom provider?

Ans   ✗ 1. Jio

      ✗ 2. Aircel

      ✔ 3. Vodafone

      ✗ 4. Airtel

Q.11 Find the value of $\sqrt{0.5}$

Ans   ✗ 1. 0.897

      ✗ 2. 0.787

      ✗ 3. 0.947

      ✔ 4. 0.707

Q.12 Which of these is NOT a Kharif crop?

Ans
- ✔ 1. Wheat
- ✘ 2. Groundnut
- ✘ 3. Paddy
- ✘ 4. Maize

Question ID : **6913523099**
Option 1 ID : **69135212394**
Option 2 ID : **69135212396**
Option 3 ID : **69135212395**
Option 4 ID : **69135212393**
Status : **Answered**
Chosen Option : **1**

Q.13 6 7 4 8 5 8 8 4 8 3 2 5 8 6 7 8 3 8

If the 1st term of the above sequence is interchanged with the 2nd term, the 3rd with the 4th, and so on, then how many 8s are there that are divisible by the number on their left as well as their right?

Ans
- ✔ 1. 0
- ✘ 2. 1
- ✘ 3. 3
- ✘ 4. 2

Question ID : **6913523038**
Option 1 ID : **69135212149**
Option 2 ID : **69135212150**
Option 3 ID : **69135212152**
Option 4 ID : **69135212151**
Status : **Answered**
Chosen Option : **1**

Q.14 The calendar for the year 2018 is the same for the year:

Ans
- ✔ 1. 2007
- ✘ 2. 2006
- ✘ 3. 2008
- ✘ 4. 2009

Question ID : **6913523020**
Option 1 ID : **69135212078**
Option 2 ID : **69135212077**
Option 3 ID : **69135212079**
Option 4 ID : **69135212080**
Status : **Answered**
Chosen Option : **1**

Q.15 Virat can complete a task in 20 days, whereas Anu can complete the same task in 15 days. How long will it take for Virat and Anu to complete the task if they worked together?

Ans
- ✘ 1. $12\frac{1}{7}$ days
- ✘ 2. 5 days

3. $8\frac{4}{7}$ days

4. $17\frac{1}{2}$ days

Q.16 In the Modern Periodic Table, period _____ and _____ contain two metalloids each.

Ans
1. 4, 5
2. 3, 4
3. 5, 6
4. 6, 7

Q.17 Manoj used to spend 33% of his income on food. He got an increment of ₹ 1,000 but did not increase his expenditure on food items. As a result his expenditure on food dropped to 27%. What was his initial income?

Ans
1. ₹ 5,500
2. ₹ 6,500
3. ₹ 5,000
4. ₹ 4,500

Q.18 _____ lens is used by people suffering from myopia.

Ans
1. Cylindrical
2. Concave
3. Convex
4. Convexo-concave

Q.19 If $cot^4\theta + cot^2\theta = 4$, then $cosec^4\theta - cosec^2\theta = ?$

Ans ✔ 1. 4

✘ 2. 0

✘ 3. 3

✘ 4. 2

Q.20 Vibration indicates which type of motion of an object?

Ans ✘ 1. Very slow

✘ 2. Very fast

✘ 3. Fast shaking

✔ 4. Rapid to and fro

Q.21 With whom can you associate the theory of evolution?

Ans ✘ 1. Miller

✔ 2. Darwin

✘ 3. Mendel

✘ 4. Urey

Q.22 What is e-Governance?

Ans ✗ 1. Effective administrative governance

✗ 2. Systematic governance

✔ 3. Technology driven governance

✗ 4. Human driven governance

Question ID : **6913523091**
Option 1 ID : **69135212361**
Option 2 ID : **69135212362**
Option 3 ID : **69135212363**
Option 4 ID : **69135212364**
Status : **Answered**
Chosen Option : **3**

Q.23 The electronic configuration of an element is 2, 8, 7, so its valency is:

Ans ✗ 1. 2

✗ 2. 8

✗ 3. 7

✔ 4. 1

Question ID : **6913523074**
Option 1 ID : **69135212293**
Option 2 ID : **69135212294**
Option 3 ID : **69135212295**
Option 4 ID : **69135212296**
Status : **Answered**
Chosen Option : **4**

Q.24 The square root of 10201 is:

Ans ✗ 1. 111

✗ 2. 99

✔ 3. 101

✗ 4. 91

Question ID : **6913523002**
Option 1 ID : **69135212008**
Option 2 ID : **69135212006**
Option 3 ID : **69135212007**
Option 4 ID : **69135212005**
Status : **Answered**
Chosen Option : **3**

Q.25 If $x + y = 1$, then $x^3 + y^3 + 3xy - 1 = ?$

Ans ✔ 1. 0

✗ 2. 5

✗ 3. 2

✗ 4. 1

**Q.2
6** In an alloy of German silver the ratio of copper to zinc was 19 : 6 while that of nickel to zinc was 7 : 4. The ratio of copper to zinc to nickel in the alloy was:

Ans ✔ 1. 38 : 12 : 21

✘ 2. 133 : 42 : 24

✘ 3. 19 : 44 : 4

✘ 4. 19 : 24 : 7

**Q.2
7** Read the given statement(s) and conclusions carefully and select which of the conclusions logically follow(s) from the statement(s).

Statements:

I. No cat is white.

II. Some white are pandas.

Conclusions:

1. All pandas are white.

2. Some cats are white.

Ans ✘ 1. Conclusion 2 alone follows.

✘ 2. Both 1 and 2 follows.

✘ 3. Conclusion 1 alone follows.

✔ 4. Neither 1 nor 2 follows.

**Q.2
8** Which of the following statements is true?

Ans ✘ 1. The unit of relative density is $kg\,m^{-2}$

✘ 2. The unit of relative density is $kg\,m^{-3}$

✔ 3. Relative density has no unit

✗ 4. The unit of relative density is kg m^3

Q.29 Group the following figures into three classes on the basis of identical properties:
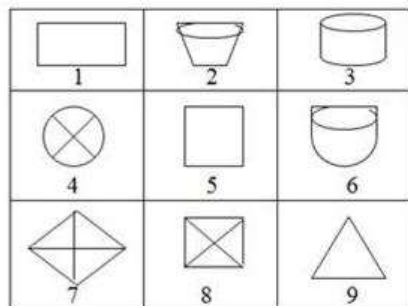
Ans 1. 1,3,9;   2,4,6;   5,7,8

2. 1,5,9;   2,4,6;   3,5,7

3. 1,2,5;   3,6,7;   4,8,9

4. 1,5,9;   2,3,6;   4,5,7

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

Q.30 Which of the following statements is INCORRECT?

Ans ✗ 1. Non-metals form acidic oxides

✔ 2. Non-metals form cations

✗ 3. Non-metals form anions

✗ 4. Non-metals are bad conductors of electricity

Q.3 The speed of sound waves is 70

1

Ans

❌ 1. 5 s

❌ 2. 100 s

❌ 3. 50 s

✔️ 4. 10 s

Q.3 2 In a class of 10 students, the average age was 16 years. When two students left the class, the average age of the remaining students became 16.25 years. What is the total age of the students left?

Ans

❌ 1. 28 years

❌ 2. 32 years

✔️ 3. 30 years

❌ 4. 34 years

Q.3 3
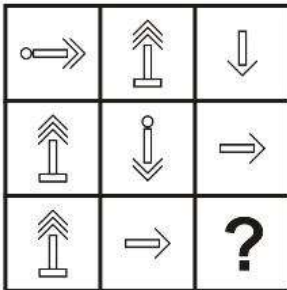
Choose the correct picture that replaces the (?) symbol above with the below give options:
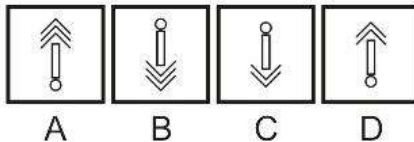
A   B   C   D

Ans

❌ 1. B

❌ 2. A

❌ 3. D

✔️ 4. C

Q.34 Identify the Co-Prime pair from the given options.

Ans ✔ 1. (16, 25)

✗ 2. (36, 39)

✗ 3. (42, 49)

✗ 4. (12, 24)

Q.35 You are given a question and two statements. Identify which of the statements is/are necessary/sufficient to answer the question.

Question:

X is Y's brother, Z is mother of Y, how is Y related to X?

Statements:

1. Z has only 1 son and 1 daughter

2. X is only son of V who has 2 childrens

Ans ✗ 1. Both 1 and 2 together are sufficient

✗ 2. 2 alone is sufficient while 1 alone is not sufficient

✗ 3. 1 alone is sufficient while 2 alone is not sufficient

✔ 4. Either 1 or 2 alone is sufficient

Q.36 Find the odd one out.

A	B	C	D

Ans ✗ 1. B

✗ 2. D
✗ 3. C
✔ 4. A
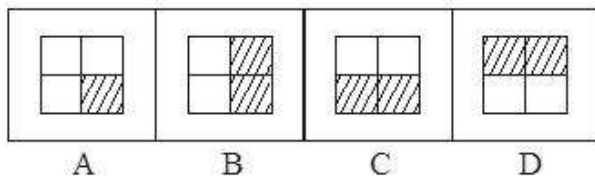
Q.37 Find the rate of discount when the marked price is ₹ 1880 and selling price is ₹ 1598.

Ans

✗ 1. 13%

✗ 2. 12%

✗ 3. 20%

✔ 4. 15%

Q.38 Pipes A and B can fill a water tank in 30 and 45 minutes respectively while pipe C can take out all the water in 60 minutes. If the three pipes are opened simultaneously, how long it would take to fill the empty tank?

Ans

✔ 1. $(25 + \frac{5}{7})$ min

✗ 2. 60 min

✗ 3. $(34 + \frac{1}{2})$ min

✗ 4. $(18 + \frac{5}{7})$ min

Q.39 A bullet, of mass 20 g, is horizontally fired with a velocity 150 ms^{-1} from a pistol of mass 2.5 kg. What is the recoil velocity of the pistol?

Ans

✗ 1. -1.25ms^{-1}

✗ 2. -1.5ms^{-1}

✔ 3. -1.2ms^{-1}

✗ 4. -2.0ms^{-1}

Q.40 Coulomb is the SI unit of:

Ans
✖ 1. Resistance

✔ 2. Electric charge

✖ 3. Electric current

✖ 4. Potential difference

Q.41 Who among the following is popularly known as 'The Mozart of Madras'?

Ans
✔ 1. A.R.Rahman

✖ 2. Ilayaraja

✖ 3. Kishore kumar

✖ 4. S.P.Balasubramaniam

Q.42 Study the following pie chart and answer the question that follows.

The pie chart shows company XYZ's expenditure on various heads for Q3 2015.
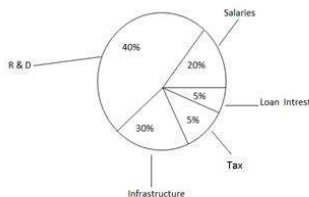
If the company has spent a total of ₹ 120 lakh crores on the various heads, then how much was spent on loan interest (in lakh crores)?

Ans
✖ 1. ₹ 12

✖ 2. ₹ 48

✗ 3. ₹ 24

✓ 4. ₹ 6

Q.4 3 In the question given below is a statement followed by two assumptions numbered I and II. Decide which of the assumptions is/are implicit in the statement.

Statement:

"Nagpur has extreme climate," tells Ram's cousin Shyam while sipping tea.

Assumptions:

I.   Winters are cold and summers are hot in Nagpur.

II.   Ram and Shyam are cousins

Ans ✗ 1. Neither I nor II is implicit

✓ 2. Only assumption I is implicit

✗ 3. Both I and II are implicit.

✗ 4. Only assumption II is implicit

Q.4 4 Identify the odd one out.

(a)   (b)   (c)   (d)

Ans ✗ 1. d

✓ 2. c

✗ 3. a

✗ 4. b
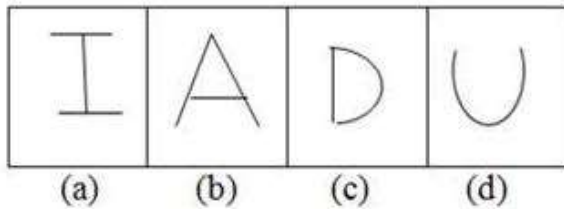
Q.4 5 Which of the given reaction is opposite to combination reactions?

Ans ✔ 1. Decomposition

✘ 2. Precipitation

✘ 3. Displacement

✘ 4. Double displacement

Q.4 6 _____ is called quick lime.

Ans ✘ 1. Calcium carbonate

✘ 2. Calcium chloride

✘ 3. Calcium hydroxide

✔ 4. Calcium oxide

Q.4 7 Name the American Civil Movement activist who delivered the famous speech, "I have a dream".

Ans ✘ 1. Abraham Lincoln

✘ 2. Victoria Woodhull

✔ 3. Martin Luther King Jr.

✘ 4. Lucy Stone

Q.4 8 $114 \div [87 - \{37 - (55 - 84 \div 7 \times 4)\}] = ?$

Ans ✘ 1. 13

✗ 2. 8

✗ 3. 4

✔ 4. 2

Q.4 9 The Union Ministry of Parliamentary Affairs (MoPA) has proposed rolling out of e-Sansad in Parliament and e-Vidhan in State Legislatures to:

Ans

✗ 1. digitise and make their functioning smooth

✗ 2. digitise and make their functioning non-transparent

✔ 3. digitise and make their functioning paperless

✗ 4.

digitise and make their functioning debate and discussion less

Q.5 0 Who from Maharashtra was honoured with the Padma Shri Award, 2018, in the field of Medicine?

Ans

✗ 1. Shri Subhash

✔ 2. Shri Abhay Bang

✗ 3. Shri Jose Ma Joey

✗ 4. Shri K.Srikanth

Q.5 1 $\frac{11}{16}$ of the residents of a housing society own cars and $\frac{20}{33}$ of the car owners have purchased covered parking space. If 130 of the residents parked in the open, how many residents were there in the society?

Ans

✗ 1. 400

✔ 2. 480

✗ 3. 384

✗ 4. 320

Q.52 Who among the following was conferred with the Padma Shri Award 2018, in the field of Literature and Education from Maharashtra?

Ans ✔ 1. Shri Arvind Gupta

✘ 2. Shri Laxman Pai

✘ 3. Shri Sharda Sinha

✘ 4. Shri Manoj Joshi

Q.53 Which mineral is found in Banda, Sonebhadra and Mirzapur districts?

Ans ✘ 1. Silver

✔ 2. Dolomite

✘ 3. Manganese

✘ 4. Iron

Q.54 Choose the correct option to complete the series:

| ( ) (( ) |))) ((|) ( ) (| ? |

Ans

✘ 1. ((( )))

✔ 2. ((( ))

✗ 3. | (((( )

✗ 4. | ((( ) (

Q.5 5 If $1.5 \div 12 = 0.125$, what is the value of $1500 \div 0.012$?

Ans ✗ 1. 12500

✗ 2. 125

✔ 3. 125000

✗ 4. 1250

Q.5 6 What is the number of particles present in 1 mole of any substance?

Ans ✔ 1. 6.022×10^{23}

✗ 2. 6.023×10^{-22}

✗ 3. 6.022×10^{-23}

✗ 4. 6.023×10^{22}

Q.5 7 Choose the best suitable Venn diagram for the following words:

Females, Mothers, Sisters

Ans

✗ 1.

✔ 2.

✗ 3.

✗ 4.
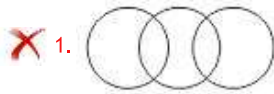
Question ID : **6913523050**
Option 1 ID : **69135212199**
Option 2 ID : **69135212197**
Option 3 ID : **69135212198**
Option 4 ID : **69135212200**
Status : **Answered**
Chosen Option : **3**

Q.5 8 Who received the UNESCO Award of Merit for the iconic Srirangam Ranganathswamy temple in Tiruchirapalli?

Ans

✗ 1. M. Karunanidhi

✔ 2. Edappadi K. Palanichamy

✗ 3. O. Panneerselvam

✗ 4. J. Jayalalithaa

Question ID : **6913523088**
Option 1 ID : **69135212349**
Option 2 ID : **69135212350**
Option 3 ID : **69135212351**
Option 4 ID : **69135212352**
Status : **Marked For Review**
Chosen Option : **2**

Q.5 9 If East becomes North then what will be south become?

Ans

✗ 1. South

✗ 2. North

✗ 3. West

✔ 4. East

Question ID : **6913523054**
Option 1 ID : **69135212216**
Option 2 ID : **69135212215**
Option 3 ID : **69135212214**
Option 4 ID : **69135212213**
Status : **Answered**
Chosen Option : **4**

Q.6

0 Pick the figure that will complete the given series.

Problem figures:
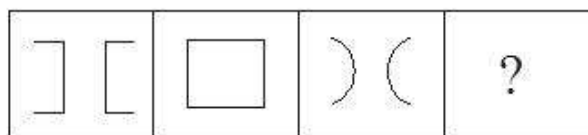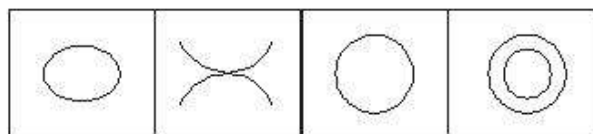
Answer figures:

A   B   C   D

Ans ✗ 1. D

✔ 2. C

✗ 3. A

✗ 4. B

Q.61 The radii of two cylinders are in the ratio 2 : 3 while their heights are in the ratio 5 : 3. If the total surface areas of the two cylinders are equal, then what would be the ratio of the radius to the height of the cylinders?

Ans 1. $2 : 5$

2. $2 : 3$

3. $1 : 5$

4. $3 : 5$

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

Q.62 Which of the following will affect the resistance of a conductor inversely?

Ans ✗ 1. Length of conductor

✗ 2. Potential difference

✔ 3. Area of cross section

✗ 4. Temperature of conductor

Q.63 Find the next figure for the given series:

Problem figures:
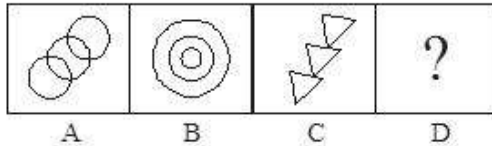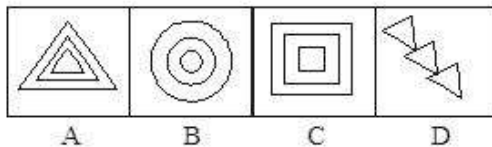
Answer figures:

Ans
✗ 1. B
✔ 2. A
✗ 3. C
✗ 4. D

Q.64 Which of the following numbers will have an irrational square root?

Ans
✗ 1. 9216
✗ 2. 6561
✔ 3. 8192
✗ 4. 2704

Q.65 The measure of each interior angle of a regular octagon is:

Ans ✔ 1. 135°

✘ 2. 125°

✘ 3. 115°

✘ 4. 120°

Q.66 A tractor can finish its journey in 8hours at the speed of 60 km/hr speed. If the same distance must be covered in 5 hours, what should be the speed of the tractor?

Ans ✔ 1. 96 km/hr

✘ 2. 90 km/hr

✘ 3. 80 km/hr

✘ 4. 86 km/hr

Q.67 Choose the mirror image for the following figure.
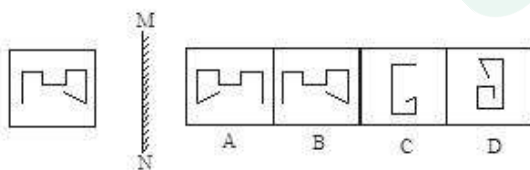
Ans ✔ 1. A

✘ 2. C

✘ 3. D

✘ 4. B

Q.68 Who among the following was selected as Youth Boxer of the year2017, by Asian Confederation of Youth Boxing?

Ans ✔ 1. Sachin Siwach

✘ 2. Ali Qamar

✘ 3. Jitender Kumar

✘ 4. Akhil Kumar

Q.69 The following table shows the results of the students who have attended an examination. What percentage of students passed?

Result	No. of students
Pass	150
Fail	100

Ans ✘ 1. 30%

✘ 2. 40%

✔ 3. 60%

✘ 4. 50%

Q.70 A survey of 170 families, 115 drink Coffee, 110 drink Tea and 130 drink Milk. Also, 85 drink Coffee and Milk, 75 drink Coffee and Tea, 95 drink Tea and Milk, 70 drink all the three. Find How many use Coffee and Milk but not Tea.

Ans ✘ 1. 18

✘ 2. 25

✘ 3. 20

✔ 4. 15

Q.71 The force of attraction between two objects is called the _____.

Ans ✘ 1. electromagnetic force

✗ 2. centrifugal force

  ✔ 3. gravitational force

  ✗ 4. centripetal force

Q.7 2 Find the next letter in the given series.

X, S, O, ?, J

Ans ✗ 1. K

✗ 2. P

✗ 3. G

✔ 4. L

Q.7 3 In a certain code, QUANTITY is written as YTITNAUQ. How will QUALITY be written as in that code?

Ans ✗ 1. TYLAUG

✗ 2. YTIUCQG

✗ 3. IATYAQ

✔ 4. YTILAUQ

Q.7 4 The battle of Khanua was fought in the year _____.

Ans ✔ 1. 1527

✗ 2. 1521

✗ 3. 1529

✗ 4. 1525

**Q.7
5** Consider the given statement(s) and decide which of the given assumptions is/are implicit in the statement.

Statement:

Money is the root cause of all the crimes.

Assumptions:

I.   Every crime has a cause.

II. There are crimes in every situation.

Ans ✗ 1. Both I and II are implicit.

✔ 2. Only assumption I is implicit

✗ 3. Only assumption II is implicit

✗ 4. Neither I nor II is implicit

**Q.7
6** Who was bestowed with the Padma Bhushan award in the field of Art Music from Maharashtra in 2018?

Ans ✗ 1. AR Rehman

✗ 2. Ilaiyaraaja

✗ 3. SP Balasubrahmanyam

✔ 4. Arvind Parikh

**Q.7
7**
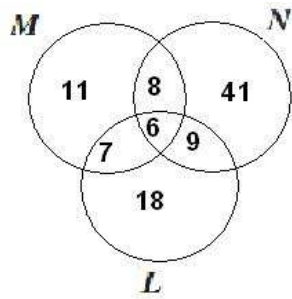
The above Venn diagram represent the students who play 3 sports M, N and L in a class:

Total number of students who play game N is:

Ans ✗ 1. 41

✔ 2. 64

✗ 3. 23

✗ 4. 9

Q.7 8 Sunda Strait lies between two islands. One of them is Java. Which is the other island?

Ans ✗ 1. Maluku

✗ 2. Borneo

✗ 3. Sulawesi

✔ 4. Sumatra

Q.7 9 Which former union minister was conferred with the Japan's imperial decoration 'Order of the Rising Sun' award for his contribution towards fostering Japan-India ties?

Ans ✔ 1. Ashwani Kumar

✗ 2. Sushma Swaraj

✗ 3. Suresh Prabhu

✗ 4. Nirmala Sitaraman

Q.80 The value of $32 \div (20 - 12 \div 3 \times 7)$ is:

Ans
- ✗ 1. -8
- ✗ 2. 8
- ✗ 3. 2
- ✔ 4. -4

Q.81 With which of the following sports is Khushbir Kaur related to?

Ans
- ✗ 1. Table tennis
- ✗ 2. Cricket
- ✗ 3. Basket ball
- ✔ 4. Athletics

Q.82 Select the option that is related to the third word on the same basis as the second word is related to the first word.

Neck : Head : : Ground :

Ans
- ✗ 1. Paper
- ✗ 2. Aeroplane
- ✗ 3. Ship
- ✔ 4. Trees

Q.83 _____ is the molecular mass of H_2SO_4.

Ans
- ✔ 1. 98 u

✗ 2. 99 u
✗ 3. 90 u
✗ 4. 96 u

Q.84 Find the mirror image of the given figure if the mirror is placed at line MN.
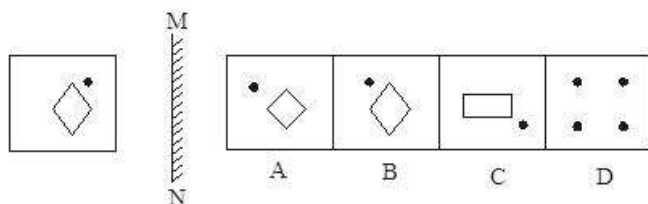
Ans
✗ 1. A
✔ 2. B
✗ 3. C
✗ 4. D

Q.85 Name the country where the Lok Sabha speaker Sumitra Mahajan attended the Conference of Speakers and Presiding Officers of the Commonwealth.

Ans
✔ 1. Seychelles
✗ 2. Sri Lanka
✗ 3. Djibouti
✗ 4. Mauritius

Q.86 PVC stands for:

Ans
✔ 1. Polyvinyl chloride

✗ 2. Polyvinyl chlorate

✗ 3. Polyvinyl carbon

✗ 4. Polyvinyl carbonate

Q.87 If $+$ means $\div$, $\div$ means $-$, $-$ means $\times$, $\times$ means $+$, then $42 + 6 \div 5 - 3 \times 70 = ?$

Ans ✔ 1. 62

✗ 2. 68

✗ 3. 70

✗ 4. 72

Q.88 Simplify the following expression:

$7\sqrt{48} + 7\sqrt{147}$

Ans ✗ 1. $76\sqrt{3}$

✗ 2. $77\sqrt{7}$

✔ 3. $77\sqrt{3}$

✗ 4. $76\sqrt{7}$

Q.89 Choose the option that is NOT true about vascular system.

Ans ✗ 1. Blood flows at high pressure, with jerk and faster in them.

✔ 2. Human heart is the size of a clenched fist

✗ 3. Blood is commonly called the river of life.

✗ 4. It forms about 7-8% of the body weight.

Q.90 A porter lifts a luggage of 14 kg from the ground and puts it on his head 1.5 m above the ground. Calculate the work done by him on the luggage.

Ans
✗ 1. 140 J
✗ 2. 155 J
✗ 3. 210 N
✔ 4. 210 J

Q.91 If $\tan A = \frac{3}{4}$, then $(1 + \cos A)(1 - \cos A)/(1 + \sin A)(1 - \sin A) = ?$

Ans
✗ 1. $\frac{16}{25}$

✗ 2. $\frac{9}{25}$

✗ 3. $\frac{16}{9}$

✔ 4. $\frac{9}{16}$

Q.92 A statement is followed by two arguments. Decide which of the arguments is/are strong with respect to the statement.

Statement:

How to avoid mosquito breeding at home?

Arguments:

I.   Yes, we should remove clutter and stagnant water. We should use mosquito repellents and other gadgets to prevent mosquito bites.

II.   No, it is not possible to avert mosquitoes. They will come in particular season and breed. We can try preventive measures.

Ans

✗ 1. Both I and II are strong.

✗ 2. Neither I nor II is strong.

✓ 3. Only argument I is strong.

✗ 4. Only argument II is strong.

Q.9 3 By selling a stool for ₹ 72 a carpenter faces a loss of 10%. How much percentage would he gain or lose by selling the stool for ₹ 96?

Ans

✗ 1. Profit, 10%

✗ 2. Loss, 25%

✗ 3. Loss, 16%

✓ 4. Profit, 20%

Q.9 4 Sclerenchyma is composed of _____.

Ans

✗ 1. WBC

✗ 2. complex cell

✓ 3. non-living cell

✗ 4. RBC

Q.9 5 Find the kinetic energy of a ball of mass 2 kg moving with a speed of $30ms^{-1}$.

Ans

✗ 1. 900 W

✗ 2. 900 Pa

✗ 3. 900 N

✓ 4. 900 J

Q.9 Pipes A, B and C are attached to an empty cistern. The first two can fill the cistern in 7 and 10.5 hours, respectively,
6 whereas the third can drain the cistern, when completely filled, in 6 hours. If all the three pipes are turned on simultaneously when the cistern is half-full, how many hours will be needed to fill the cistern?

Ans ✗ 1. 8

✗ 2. 14

✗ 3. 7.5

✔ 4. 7

Q.9
7 Momentum of a body depends upon _____.

Ans ✗ 1. force acting on the body

✗ 2. mass of the body

✔ 3. both mass and velocity of the body

✗ 4. velocity of the body

Q.9 Sham deposits ₹ X for 2 years at 8% per annum compounded interest annually, which amounts to ₹ 72,900. Then what
8 is the value of 'X'?

Ans ✗ 1. ₹ 60,000

✗ 2. ₹ 62,000

✔ 3. ₹ 62,500

✗ 4. ₹ 60,500

Q.99 34 men can do a piece of work in 12 days. How many days will 51 men take to do it?

Ans

✔ 1. 8

✘ 2. 5

✘ 3. 10

✘ 4. 6

Q.100 In an attempt to discover young talent, NITI Aayog, India's premier think-tank is launching the:

Ans

✔ 1. Mentor India campaign

✘ 2. Pravah India campaign

✘ 3. Youth Ki Awaaz campaign

✘ 4. Chetana India campaign

Prepp

Latest Sarkari jobs, Govt Exam alerts, Results and Vacancies

▶ Latest News and Notification

▶ Exam Paper Analysis

▶ Topic-wise weightage

▶ Previous Year Papers with Answer Key

▶ Preparation Strategy & Subject-wise Books

To know more **Click Here**

www.prepp.in