





RRB NTPC 16th April 2016 Shift 2 Question Paper & Key – www.dailycareers.in

1. Options shown in green color with a tick icon are correct

Q.1 The average age of a team of 29 members is 23 years. If the age of the team leader be included, then the average increases by 2 months. What is the age of the team leader?

- A. 25
- B. 28
- C. 32
- D. 27

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




Q.2 Find total prime factor in the product of $\{ (16)^7 \times (27)^6 \times 5^9 \}$

- A. 28
- B. 43
- C. 55
- D. 56

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





Q.3 By using formula of mean proportional and third proportional, find the ratio of third proportional to 8 and 20 and mean proportional between 4 and 9.

- A. 21:6
- B. 25:3
- C. 24:5
- D. 5:2

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





Q.4 If $(4y+55)^\circ$ and $(3y+69)^\circ$ are supplementary angles then find value of y.

- A. 10
- B. 6
- C. 12
- D. 8

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

Q.5 The mean of 8 observations is 10. Three more observations are included and the new mean becomes 12. The mean of the three new observations is

- A. 16
- B. 18
- C. 17.33
- D. 15

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

Q.6 During what period was P.A.Sangma, who died recently, the Lok Sabha Speaker?

- A. 1994-1996
- B. 1996-1998
- C. 1998-2002
- D. 2002-2004

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

Q.7 Who was the first king of the Vijayanagara empire?

- A. Bukkaraya I
- B. Krishnadevaraya
- C. Harihara I
- D. Ramadevaraya

Ans  1. D

- ☒ 2. B
- ☒ 3. C
- ☒ 4. A

Q.8 MRP on the pack of any product refers to

- A. Marginal Retail Price
- B. Maximum Retail Price
- C. Monopoly Retail Product
- D. Maximum Recycled Product

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

Q.9 The branch of physics concerned with study of heat is called

- A. Optics
- B. Acoustics
- C. Thermodynamics
- D. Relativity

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

Q.10 An Assertion (A) and a Reason (R) are given below.

Assertion (A): Milk production in India is low as compared to other countries of the world.

Reason (R): The animal rearers in India are poor.

Choose the correct option.

- A. A is true but R is false.
- B. A is false but R is true.
- C. Both A and R are false.
- D. Both A and R are true.

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

Q.11 Below are given statements followed by two conclusions I and II. You have to take the given statements to be true even if they seem to be at variance from commonly known facts.

Statements: Some papers are pencils. Some pencils are erasers.


All erasers are boxes.

Conclusions: I. Some erasers are papers.

II. Some papers are boxes.

Decide which of the below options logically follows the given Statement.





- A. Only conclusion I follows
- B. Only conclusion II follows
- C. Both conclusion I and II follow
- D. Neither conclusion I nor II follow

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

Q.12 If P stands for '+', Q stands for '−', R stands for 'x', then the value of





(10 R 4) P (4 R 4) Q 6 =

- A. 65
- B. 56
- C. 50
- D. 60

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

Q.13 Where can we find the tallest statue of Jesus Christ in the World?

- A. Brazil
- B. Mexico
- C. Italy
- D. Peru

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

Q.14 What is the maximum score that can be scored in a game of ten-pin bowling?

- A. 100
- B. 200
- C. 300
- D. 400

Ans

- ☒ 1. B
- ☒ 2. C
- ☒ 3. A
- ☒ 4. D

Q.15 Find the value of $73 \times 73 + 42 \times 42 - 2 \times 73 \times 42$.

- A. 961
- B. 676
- C. 981
- D. 861

Ans

- ☒ 1. A
- ☒ 2. D
- ☒ 3. C
- ☒ 4. B

Q.1 If '<' denotes '-', '+' denotes '÷', '>' denotes '+', '-' denotes '=', '=' denotes '<' and 'x' denotes '>', then which of the following statement is true?

- A. $3 > 2 < 4 \times 8 + 4 < 2$
- B. $3 + 2 > 4 = 9 + 3 < 2$
- C. $3 + 2 < 4 \times 9 + 3 < 3$
- D. $3 > 2 > 4 = 18 + 3 < 1$

Ans

- ☒ 1. C
- ☒ 2. A
- ☒ 3. B
- ☒ 4. D

Q.17 Which Pallava king also wrote Sanskrit plays?

- A. Raja Raja Chola
- B. Mahendravarman I
- C. Rajasimha
- D. Vikramaditya

Ans

- ☒ 1. C

- ☒ 2. A
- ☒ 3. D
- ☒ 4. B

Q.18 Anusha bought a sandal at $\frac{7}{10}$ th of its selling price and sold it at 10% more than its selling price. Find her gain percent.

- A. 55.54%
- B. 57.14%
- C. 53.14%
- D. 52.24%

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

Q.19 Who was called the Frontier Gandhi?

- A. Mahatma Gandhi
- B. Khan Abdul Ghaffar Khan
- C. C.Rajagopalachari
- D. Lala Lajpat Rai

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

Q.20 Where can you find Notre-Dame cathedral?

- A. California
- B. Leeds
- C. Belgium
- D. Paris

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

Q.21 Based on the analogy given, find the missing pair from the given options.

11 : 1210 :: ----- : -----

- A. 9 : 729
- B. 8 : 448
- C. 6 : 216
- D. 7 : 1029

Ans ☒ 1. B
☒ 2. C
☒ 3. D
☒ 4. A

Q.22 Who is the current President of ICC?

- A. Zaheer Abbas
- B. Sharad Pawar
- C. Ravi Shastri
- D. Shashank Manohar

Ans ☒ 1. B
☒ 2. D
☒ 3. C
☒ 4. A

Q.23 Find the HCF of 0.32, 2.72, 12.8, 14.4

- A. 16
- B. 1.6
- C. 0.16
- D. 2.72

Ans ☒ 1. D
☒ 2. B
☒ 3. C
☒ 4. A

Q.24 In what time will Rs. 10,000 deposited in a bank will amount to Rs. 13,310 at 10% per annum compounded annually?

- A. 4 years
- B. 5 years
- C. 3 years
- D. 6 years

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

Q.25 What is the SI unit of force?

- A. Kelvin
- B. Newton
- C. Pascal
- D. Volt

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

Comprehension:

Study the following information carefully and answer the questions given below it.

Ajith is the son of Kumar. Susmitha, Kumar's sister, has a son Deepak and a daughter Harishma. Babu is the maternal uncle of Deepak.

Q.26 How is Ajith related to Deepak?

- A. Nephew
- B. Brother
- C. Uncle
- D. Cousin

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

Q.27 How many nephews does Babu have?

- A. One
- B. Two
- C. Three
- D. Nil

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

Q.28 How is Harishma related to Babu?

- A. Daughter
- B. Niece
- C. Sister
- D. Wife

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

Comprehension:

Answer the questions on the basis of the following table:

Assume all colleges sent equal number of candidates in all subjects for the Examination.

Percentage of passed students by subject

College	Maths	Physics	Chemistry	Botany	Zoology
P	52	65	62	40	47
Q	47	62	52	38	35
R	53	70	46	39	54
S	35	72	58	57	62

SubQuestion No : 29





Q.29 Seeing the performance of all the four colleges together which combination of groups has shown the lowest level of passed students?

- A. Chemistry and Botany
- B. Physics and Chemistry
- C. Zoology and Botany
- D. Mathematics and Physics

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





Q.30 Taking the performance in all the subjects into account, which college has shown the highest level of passed students?

- A. P
- B. S
- C. R
- D. Q

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



Q.31 Taking all the colleges into account which subject has shown the lowest number of passed students?

- A. Chemistry
- B. Botany
- C. Physics
- D. Mathematics

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

Q.32 If $\cos A = 12/13$, then $\sin A (1 - \tan A) = ?$

- A. $32/135$
- B. $32/137$
- C. $35/152$
- D. $35/156$

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

Q.33 Who invented the fountain pen?

- A. Birdseyes
- B. Lewis E. Waterman
- C. Dr. Lee de Forest
- D. Augsberg

Ans  1. D

- ☒ 2. A
- ☒ 3. B
- ☒ 4. C

Q.34 If the angles of a triangle are in the ratio of 1:4:7, then find the ratio of the sum of greatest and smallest angles to the smallest angle.

- A. 8:1
- B. 2:3
- C. 7:1
- D. 3:5

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

Q.35 Rearrange the jumbled up letters in their natural sequence and find the odd one out.

- A. LWKA
- B. NRU
- C. EPESL
- D. UPJM

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

Q.3 In a college, 30 students can build 60% of a project in 5 days, what % of project can be built by 45 students in 2 days?

6

- A. 36%
- B. 45%
- C. 33%
- D. 32%

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

Q.37 Choose the one which is different or odd from the following options.

- A. NEXFL
- B. ZGPKU
- C. LANCP
- D. FRGSP

Ans

- ☒ 1. D
- ☐ 2. C
- ☐ 3. B
- ☐ 4. A

Q.38 Presence of what in high level of the following leads to diabetes?

- A. Fructose
- B. Sucrose
- C. Glucose
- D. Saccharides

Ans

- ☐ 1. A
- ☐ 2. B
- ☒ 3. C
- ☐ 4. D

Q.39 Based on the analogy given, find the missing number from the given options.

$0.16 : 0.0016 :: 1.02 : \text{-----}$

- A. 0.0102
- B. 10.02
- C. 0.012
- D. 1.0102

Ans

- ☐ 1. B
- ☐ 2. C
- ☒ 3. A
- ☐ 4. D

Q.40 Where will you be if you were on Filitheyo island?

- A. Sri Lanka
- B. Lakshadweep
- C. Maldives
- D. Thailand

Ans

- ☐ 1. D

- ☒ 2. B
☒ 3. A
☒ 4. C

Q.41 ఇప్పటివరకూ అతి ఎక్కువ కాలం ముఖ్య మంత్రిగా పని చేసిన ముఖ్యమంత్రి ఎవరు?

- A. జ్యోతి బసు
B. పవన్ కుమార్ చంప్లింగ్
C. ఎమ్ జి రామ చంద్రన్
D. ఇ కె నాయనార్

- Ans ☒ 1. D
☒ 2. B
☒ 3. A
☒ 4. C

Q.42 ఖగోళ వస్తువు, ఐస్ యొక్క న్యూక్లియస్ మరియు ధూళి లను కలిపి ఏమంటారు?

- A. నక్షత్రం (స్టార్)
B. చంద్రుడు (మూన్)
C. కామెట్
D. అస్టెరాయిడ్

- Ans ☒ 1. B
☒ 2. C
☒ 3. D
☒ 4. A





Q.43 Which of the following means re-establishment of forest cover either naturally or artificially?

- A. Deforestation
B. Afforestation
C. Reforestation
D. Hiforestation

- Ans ☒ 1. A
☒ 2. D
☒ 3. C
☒ 4. B


Q.44 If in a certain code language, ORDINARY is written as 12467923, how will the word RADIAN be written in that code language?

- A. 249697
- B. 294967
- C. 294697
- D. 246967

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





Q.45 If $2^x - 2^{x-1} = 8$, then find the value of $2x^2 + 4x + 3$

- A. 41
- B. 20
- C. 21
- D. 51

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

Q.46 Find correct alternative for Smile : Laugh : Cry

- A. Frown : Anger : Temper
- B. Touch : Catch : Release
- C. Stand : Sleep : Play
- D. Evening : Night : Day

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

Q.47 Which planet is called the morning/evening star?

- A. Mercury
- B. Venus
- C. Mars
- D. Saturn

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

Q.4 From an aeroplane vertically above a straight road the angle of depression of two stones on the same side are 30° and 45° .
8 What is the distance between two stones if the aeroplane is flying at a height of 1.365 km?

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

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

Q.49 The atomic number is represented by ----- in the nucleus

- A. Protons
- B. Neutrons
- C. Electrons
- D. Hydrons

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





Q.50 Mayank sells a pen at Rs. 750, and makes a profit of 50%. At what price should he sell the pen so as to make a loss of 50%?

- A. Rs. 275
- B. Rs. 250
- C. Rs. 350
- D. Rs. 225

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



Q.51 A is 3 times more efficient than B, ratio of number of days taken to complete a work X by A and B are in the ratio of

- A. 1:3
- B. 4:1
- C. 1:4
- D. 3:1

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

Q.52 The enrichment of an ecosystem with chemical nutrients, typically compounds containing nitrogen, phosphorus is called

- A. Eutrophication
- B. Sedimentation
- C. Hydrogenation
- D. Oxidation

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

Q.53 If '+' means 'x', 'x' means '-', '-' means '÷' and '÷' means '+' then

$$32 \div 8 - 2 \times 12 + 4 =$$

- A. 12
- B. -12
- C. 21
- D. 13

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

Q.54 Who is the Bollywood lyricist who created Guinness record for composing maximum number of songs?

- A. Anand Bakshi
- B. Gulzar
- C. Sahir Ludhianvi
- D. Sameer Anjaan

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

Q.55 Choose the odd one out

- A. Incisors
- B. Canines
- C. Molars
- D. Bones

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

Q.56 Which robotic spacecraft brought solar particles from space?

- A. Genesis
- B. Viking
- C. Cygnus
- D. Giotto

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

Q.57 Select the combination of numbers so that the letters arranged accordingly will form a meaningful word:



N P O A C L M I
1 2 3 4 5 6 7 8

- A. 5,3,2,7,6,4,8,1
- B. 5,3,7,2,6,4,8,1
- C. 4,7,5,1,6,8,2,3
- D. 1,7,8,6,4,3,2,5

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





Q.58 Which of the following rivers has its origin in Tibet?

- A. Godavari
- B. Mahanadi
- C. Brahmaputra
- D. Son

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

Q.59 If the standard deviation of a population is 6, what would be the population variance?

- A. 6
- B. 12
- C. 24
- D. 36

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

Q.60 A metro train of length 125 m crosses a metro station of length 75 m in 10 seconds. What is the speed of metro train?

- A. 72 km/hr
- B. 36 km/hr
- C. 18 km/hr
- D. 90 km/hr

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

Q.61 An Assertion (A) and a Reason (R) are given below.

Assertion (A): A little gap is left between iron rails.

Reason (R): Iron expands in summer.

Choose the correct option.

- A. A is true but R is false.
- B. A is false but R is true.
- C. Both A and R are true and R is the correct explanation of A.
- D. Both A and R are true but R is not the correct explanation of A.

Ans ☒ 1. A
☒ 2. B
☒ 3. C
☒ 4. D

Q.6 The ratio of spirit and water in two mixture of 20 litre and 36 litre is 3:7 and P: Q respectively. Both the mixture are mixed together and the ratio of the spirit and water in the new mixture is 27:29. Find P: Q.

- A. 3:2
- B. 5:7
- C. 7:5
- D. 4:5

Ans ☒ 1. B
☒ 2. A
☒ 3. C
☒ 4. D




Q.63 How many pairs of eyes do spiders have?

- A. 1
- B. 2
- C. 4
- D. 8

Ans ☒ 1. B
☒ 2. C
☒ 3. D
☒ 4. A





Q.64 At certain rate of simple interest, Rs. 800 amounts to Rs. 956 in 3 years. If this sum amounts to Rs. 1052 in same period, find increase in rate percentage.

- A. 7%
- B. 4%
- C. 5%
- D. 9.5%

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

Q.65 Which among the following is a prosthetic leg?

- A. Athletes foot
- B. Jaipur foot
- C. Crowfoot
- D. Tender foot

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

Q.66 Who according to Forbes 2016 list who is the richest person in the world?

- A. Bill Gates
- B. Mark Zuckerberg
- C. Warren Buffet
- D. Mukesh Ambani

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

Q.67 What is a machine-readable code in the form of numbers and a pattern of parallel lines of varying widths called?

- A. Morse codes
- B. Passcodes
- C. Bar codes
- D. Pin codes

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

Q.68 If the cloud is called blue, blue is called rain, rain is called black, black is called air, air is called yellow and yellow is called water, where will the birds fly?

- A. Blue
- B. Air
- C. Yellow
- D. Black

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

Q.69 Who currently holds the number one position in World Chess rankings?

- A. Sven Magnus Carlsen
- B. Yu Yangyi
- C. Surya Shekhar Ganguly
- D. Vladimir Kramnik

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

Q.70 Which of the following is an example for marsupials?

- A. Kangaroo
- B. Whale
- C. Giraffe
- D. Rooster

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

Q.71 In a certain code, PARIS is written as KZIRH. How is LONDON written in that code?

- A. OMLWLM
- B. OLMWLM
- C. OLMLWM
- D. OMWLWM

Ans

- ☒ 1. A
- ☒ 2. D
- ☒ 3. C
- ☒ 4. B

Q.72 A fraud shopkeeper sell his product at 100, instead of 85 and claims to sell at cost price. What is his profit percentage?

- A. 17.64%
- B. 16.59%
- C. 13.65%
- D. 15.64%

Ans

- ☒ 1. C
- ☒ 2. A
- ☒ 3. D
- ☒ 4. B

Q.73 Which day is observed as the Constitution day in India?

- A. 26th November
- B. 15th August
- C. 14th April
- D. 6th December

Ans





- ☒ 1. C
- ☒ 2. A
- ☒ 3. B
- ☒ 4. D

Q.74 Consider the following statements & choose the correct options:

When two straight lines intersect then,



1. Adjacent angles are complementary
2. Opposite angles are equal

- A. Both 1 & 2 are incorrect.
- B. Both 1 & 2 are correct
- C. 1 is incorrect and 2 is correct
- D. 1 is correct and 2 is incorrect

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





Q.75 Heart is related to Blood in the same way as Lung is related to

- A. Chest
- B. Respiration
- C. Air
- D. Oxygen

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

Q.76 The mean of a distribution is 18 and the standard deviation is 7. What is the value of the coefficient variation?

- A. 50%
- B. 76.77%
- C. 54.44%
- D. 38.88%

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

Q.77 An Assertion (A) and a Reason (R) are given below.

Assertion (A): Indian President is the head of the State.

Reason (R): Indian Parliament consists of the President, Lok Sabha and Rajya Sabha.

Choose the correct option.

- A. A is true but R is false.
- B. A is false but R is true.
- C. Both A and R are true and R is the correct explanation of A.
- D. Both A and R are true but R is not the correct explanation of A.

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

Q.78 Given $a=128$, $b=130$ and $c=132$, Find the value of $a^3+b^3+c^3-3abc$.





- A. 5000
- B. 4680
- C. 4280
- D. 4890

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

Q.79 Choose the pair which is related in the same way as the words in the first pair from the given choices





Mountain : Height :: ----- : -----

- A. River : Water
- B. Cave : Depth
- C. Valley : Beauty
- D. Moon : Shadow

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




Q.80 Study of atmosphere is called?

- A. Atmosphology
- B. Meteorology
- C. Ecology
- D. Motellology

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





Q.81 Which of the following is an input device?

- A. Monitor
- B. Printer
- C. Floppy disk
- D. Joy stick

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

Q.82 Cache memory is a

- A. RAM
- B. ROM
- C. EROM
- D. EPROM

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

Q.83 Who invented the revolver?

- A. William Hunt
- B. Robert H. Goddard
- C. Henry Ogle
- D. Samuel Colt

Ans  1. D

- ☒ 2. A
- ☒ 3. B
- ☒ 4. C

Q.84 If $W > X$, $X > Y$ AND $Y > Z$, then which of the following conclusions is definitely wrong?

- A. $Z > W$
- B. $W > Z$
- C. $W > Y$
- D. $X > Z$

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

Q.85 Find the least number which when divided by 16, 24, 36 and 54 leaves remainders 12, 20, 32 and 50 respectively.

- A. 432
- B. 444
- C. 428
- D. 452

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

Q.86 Find the difference between the largest and smallest fraction :





$\frac{3}{5}, \frac{5}{9}, \frac{7}{9}, \frac{2}{5}$

- A. $\frac{9}{17}$
- B. $\frac{6}{7}$
- C. $\frac{17}{45}$
- D. $\frac{13}{17}$

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

Q.87 What is the name given to a material through which light can pass?

- A. Translucent
- B. Opaque
- C. Transparent
- D. Vitreous

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

Q.88 If $3x^2 + 4y^2 - 8xy - 2x + 1 = 0$, then find the value of $(x+y)^2$




- A. 3
- B. 4
- C. 5
- D. 6

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

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

Q.89 What does MMU stand for?

- A. Machine Memory Unit
- B. Memory Management Unit
- C. Main Memory Unit
- D. Machine Management Unit

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

Q.90 A cloth supervisor rejects 0.09% of the clothes as defective. How many clothes will be examined to reject 18 clothes?

- A. 30000
- B. 20000
- C. 25000
- D. 18000

Ans  1. B

- ☒ 2. C
- ☒ 3. D
- ☒ 4. A

Q.91 According to ICC test rankings, which player is ranked first?

- A. Virat Kohli
- B. AB de Villiers
- C. Steve Smith
- D. Aaron Finch

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

Q.92 A can complete a piece of work in 10 days, B in 15 days and C in 20 days. A and B worked together for four days and then A was replaced by C. In how many days was the whole work completed?

- A. 16 days
- B. $48/7$ days
- C. $42/7$ days
- D. $18/7$

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



Q.93 When was the formal proclamation to Swadeshi movement made?

- A. December 15, 1905
- B. August 7, 1905
- C. February 26, 1906
- D. July 18, 1905

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

Q.94 What is the type of soil found in Great Northern Plains?

- A. Alluvial soil
- B. Black soil
- C. Red soil
- D. Laterite soil

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





Q.95 If TWELVE is coded as 87, then ELEVEN is coded as

- A. 86
- B. 78
- C. 36
- D. 63

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

Q.96 Who is the 23rd governor of RBI?

- A. Bimal Jalan
- B. Raghuram Rajan
- C. D. Subba Rao
- D. Dr. Manmohan Singh

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

Q.97 John can cover a certain distance in 1 hour and 15 minutes, by covering one-third of the distance at 3 kmph and the rest at 4 kmph. Find the total distance.

- A. 5.5 km
- B. 4.5 km
- C. 4 km
- D. 6.5 km

Ans  1. C

- ☒ 2. B
☐ 3. A
☐ 4. D

Comprehension:

The following questions are based on the information given below:

Data on 450 students, who took an examination in Science, Mathematics and Social Sciences is given below: Number of students who

- Passed in all subjects: 167
- Failed in Science :191
- Failed in Mathematics: 199
- Failed in Social Science: 175
- Failed in all subjects: 60
- Passed in Science only: 52
- Passed in Mathematics only: 48
- Passed in Social Science only: 62

Q.98 How many failed in two subjects only?

- A. 162
B. 152
C. 100
D. 52

- Ans ☒ 1. A
☐ 2. C
☐ 3. B
☐ 4. D

Q.99 How many passed in Mathematics and at least one more subject?





- A. 48
B. 210
C. 103
D. 203

- Ans ☐ 1. B
☒ 2. D
☐ 3. A
☐ 4. C

Q.100 How many passed at least in one subject?

- A. 350
- B. 395
- C. 390
- D. 340

Ans

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

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