

RRB NTPC CBT 2 2017 (17 Jan) Shift 2

1. _____ entered the Guinness World Records for recording the highest number of songs in several languages.
A. Shankar Mahadevan
B. Sameer Anjaan
C. P. Susheela
D. Kavita Krishnamurthy
- Ans. C
2. Space research does NOT include the discipline _____.
A. Human culture
B. Physics
C. Biology
D. Earth Science
- Ans. A
3. A question and three statements labeled (I), (II) and (III) are given. You have to decide which statement(s) is/are sufficient to answer the question.
Question : How many people are in the queue?
Statements:
I. A man is 3rd from the beginning of the queue.
II. A man is 20th from the center of the queue.
III. A man is 7th from the end and 14th from the beginning.
Select the right option from the following.
A. Only statement II is sufficient.
B. Only statement I is sufficient.
C. Data inadequate.
D. Only statement III is sufficient.
- Ans. D
4. Chlorofluorocarbons are not used in _____.
A. Refrigerators
B. Mixer and grinders
C. Air conditioners
D. Packing materials
- Ans. B
5. Complete the analogy.
Illiterate : Educated :: Food :
A. Rain
B. Drought
C. Well
D. River
- Ans. B
6. Archery is the national sport of which one of the following countries?
A. Turkey
B. China
C. Bhutan

- D. Japan
- Ans. C
7. Choose the best option and fill up the blank:
'Ethnic' group of people, more appropriately, refers to people with a _____.
A. same behavior
B. shared culture
C. same genetic identity
D. same nationality
- Ans. B
8. Which one of the following statements is incorrect?
A. Rational numbers do not include fractions.
B. Real numbers which are not rational must be irrational.
C. A real number is unique.
D. Real numbers can be added, subtracted, multiplied or divided.
- Ans. A
9. MS Word is an example of:
A. Application Software
B. Compiler
C. Operating System
D. System Software
- Ans. A
10. Arrange the numbers in descending order: $3\sqrt{5}$, $2\sqrt{8}$, $4\sqrt{6}$
A. $4\sqrt{6} < 3\sqrt{5} < 2\sqrt{8}$
B. $2\sqrt{8} > 4\sqrt{6} > 3\sqrt{5}$
C. $4\sqrt{6} > 3\sqrt{5} > 2\sqrt{8}$
D. $2\sqrt{8} > 3\sqrt{5} < 4\sqrt{6}$
- Ans. C
11. X is the son of W and W is the brother of V. V is the sister of U. How is U related to X?
A. Cannot be determined
B. Daughter
C. Mother
D. Sister
- Ans. A
12. St Peter's Square is located in which of the following places?
A. Athens
B. Berlin
C. Washington
D. Vatican City
- Ans. D
13. FDI stands for:
A. Federal Department of Investment



- Ans. A. Self Help Group
B. Commercial Bank
C. Small and Medium Enterprise
D. Supervisory Institution
27. Lala Lajpat Rai hailed from _____.
A. Uttar Pradesh
B. Andhra Pradesh
C. Punjab
D. West Bengal
- Ans. C
28. Ben Kingsley is associated with _____.
A. Pop Music
B. Space travel
C. Scientific research
D. Motion pictures
- Ans. D
29. G and H can do a work in 30 days. If H alone can do it in 50 days, then G alone can do it is _____ days.
A. 75 B. 70
C. 60 D. 65
- Ans. A
30. Two varieties of rice, A and B, costing Rs. 210 and Rs. 280 per kg respectively are mixed in the ratio of 3:4. The mixed variety is sold at Rs. 260 per kg. What is the profit percentage?
A. 6% B. 5%
C. 32% D. 4%
- Ans. D
31. B is the only son of C who has no daughter. K is the wife of the grandson of C. What is B to K?
A. Brother
B. Father
C. Father-in-law
D. Son
- Ans. C
32. Akbar's seat of Government was _____.
A. Allahabad
B. Lucknow
C. Delhi
D. Agra
- Ans. D
33. A circular ground of radius 7 m is surrounded by a path of width 3.5 m. Find the area of the path $\left(\pi = \frac{22}{7}\right)$
A. 202 sq.m

- B. 154 sq.m
C. 192.5 sq.m
D. 346.5 sq.m
- Ans. C
34. P, Q and R can do a work in 10, 15 and 30 days respectively. P works daily. Q and R together join P on alternate days starting the first day. In how many days will the work be done?
A. $6\frac{1}{3}$ B. $6\frac{3}{4}$
C. $6\frac{1}{2}$ D. 6
- Ans. C
35. Find the missing letter (?) in the series?
B, Z, W, S, N, ?
A. J B. G
C. H D. I
- Ans. C
36. What is the fourth proportional to 14, 6, 28 ?
A. 12 B. 3
C. 7 D. 6
- Ans. A
37. Complete the analogy.
CD: GA :: PQ : ?
A. SM B. SN
C. US D. TN
- Ans. D
38. _____ species are NOT in the IUCN classification of threatened species.
A. Harmful
B. Extinct
C. Vulnerable
D. Endangered
- Ans. A
39. The simple interest on a sum deposited at 8% p.a. for 8 years is Rs. 16,000. What will be the compound interest on the same such at one fourth of the above rate of interest for 2 years?
A. Rs. 1,020
B. Rs. 980
C. Rs. 1,010
D. Rs. 1,015
- Ans. C
40. Study the given statements and select the appropriate answer option based on them.
Statements:
I. V is not shorter than A.
II. D is shorter than V.



54. 'Mission Raftaar' project is associated with:
- Air transport
 - Road transport
 - Water transport
 - Rail transport

Ans. D

55. _____ cannot be corrected with spectacles.
- Presbyopia
 - Hypermetropia
 - Cataract
 - Myopia

Ans. C

Comprehension:

In a district, there are four electoral constituencies. Four political parties put up their candidates. The number of votes polled by each party, in thousands, is given below.

Constituency	Party I	Party II	Party III	Party IV
East	180	74	56	34
South	8	70	108	210
North	72	275	44	225
West	19	23	101	191

SubQuestion No : 56

56. By how many more votes, did party IV win the South constituency than the next highest party?
- 0.7 Lakh
 - 1.02 Lakh
 - 1.08 Lakh
 - 2.10 Lakh

Ans. B

Comprehension:

In a district, there are four electoral constituencies. Four political parties put up their candidates. The number of votes polled by each party, in thousands, is given below.

Constituency	Party I	Party II	Party III	Party IV
East	180	74	56	34
South	8	70	108	210
North	72	275	44	225
West	19	23	101	191

SubQuestion No : 57

57. Which party won more than one constituency in the district?
- Party I
 - Party III
 - Party II
 - Party IV

Ans. D

Comprehension:

In a district, there are four electoral constituencies. Four political parties put up their candidates. The number of votes polled by each party, in thousands, is given below.

Constituency	Party I	Party II	Party III	Party IV
East	180	74	56	34
South	8	70	108	210
North	72	275	44	225
West	19	23	101	191

SubQuestion No : 58

58. Which constituency has the highest total number of votes polled?
- West
 - North
 - East
 - South

Ans. B

Comprehension:

In a district, there are four electoral constituencies. Four political parties put up their candidates. The number of votes polled by each party, in thousands, is given below.

Constituency	Party I	Party II	Party III	Party IV
East	180	74	56	34
South	8	70	108	210
North	72	275	44	225
West	19	23	101	191

SubQuestion No : 59

59. Which party polled the highest number of votes in the district as a whole?
- Party II
 - Party I
 - Party III
 - Party IV

Ans. D

Comprehension:

P, Q, R, S, T and U follow different professions. There is a politician, an actor, a banker, and ex-serviceman, a nurse and a housewife. Consider the following information and answer the questions based on it.

- R is the ex-serviceman married to a housewife.
- Q is an actor whose brother T is not a politician.
- U is neither a banker nor a politician.
- P is the wife of R.



- I. Total number of mobile subscribers is increasing.
 - II. Mobile has become an integral part of life.
- Find which of the given conclusions logically follows from the given statement.
- A. Only conclusion I follows
 - B. Neither I nor II follows
 - C. Both I and II follow
 - D. Only conclusion II follows

Ans. D

84. A question and three statements labeled (I), (II) and (III) are given. You have to decide which statement(s) is/are sufficient to answer the question.

Question : Find the present age of Y.

Statements:

- I. At present, X is 3 times as old as Y.
- II. X and Y started schooling in the same year.
- III. After 5 years, the age of X will be $2\frac{1}{2}$ times that of Y.

Select the right option from the following.

- A. Both statements I and II are sufficient.
- B. Both statements II and III are sufficient.
- C. Only statement I is sufficient.
- D. Both statements I and III are sufficient.

Ans. D

85. The first pair of words has a certain relation. Find the word with the same the next pair

- A. Apollo
- B. Sun :: Earth: ?
- C. Phobos
- D. Moon

Ans. D

86. Car I covers a distance in a certain time. Car II takes double the time to cover

half the same distance the ratio of their respective speeds.

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

Ans. D

87. Complete the analogy?

B : 8 :: C : ?

- A. 27
- B. 10
- C. 24
- D. 11

Ans. A

88. Which of the following is NOT an environmental problem?

- A. Genetic modification of food
- B. Afforestation
- C. Acid Rain
- D. Loss of Biodiversity

Ans. B

89. Speeds greater than the speed of sound in air are known as _____.

- A. Supersonic
- B. Solar
- C. Infrasonic
- D. Ultrasonic

Ans. A

90. What is the next term in the following alphabetical series?

ABCD, FHGI, KMLN, ?

- A. OQPR
- B. PRQS
- C. PQRS
- D. OPQR

Ans. B

91. Which one is NOT true with electromagnets?

- A. It is temporary magnet.
- B. its strength varies with the air gap between its poles.
- C. Polarity cannot be changed
- D. Its strength can be changed

Ans. C

92. Pick the following statement with the most appropriate option:----- help in re-creating the quality of _____

- A. our lifestyle
- B. our wealth
- C. outer space.



- D. the air we breathe.
- Ans. D
93. The areas of two similar triangles are 169 sq cm. and 121 sq cms. If the longest side of larger triangle is 26 cm, then the length of the longest side of the other triangle is ____.
- A. 26 cm B. 18 cm
C. 28 cm D. 22 cm
- Ans. D
94. If a student's marks were increased by 25% he would have scored 75 in his atlest. How much did he actually score?
- A. 60 B. 50
C. 15 D. 25
- Ans. A
95. A formula in MS Excel starts with a ____ symbol.
- A. + B. =
C. # D. @
- Ans. B
96. If the mean of distribution 10, 8, 15, 12, K, 25 is 12, find the value of K.
- A. 2 B. 1
C. 4 D. 3
- Ans. A
97. Find the missing number (?) in the following series.
1, 1.5, 2.5, 4, ?, 8.5, 15,
- A. 6 B. 5
C. 4.5 D. 5.5
- Ans. A
98. Which of the following is a non-food crop?
- A. Fiber crops
B. Coffee
C. Oil seeds
D. Sugarcane
- Ans. A
99. Find the least square number which is exactly divisible by 4, 9 and 14.
- A. 1008 B. 252
C. 1764 D. 504
- Ans. C

100. one of the condition for recognition of a political party as a State party in India is that it secures at least _____ of the valid votes polled at the last general elections in the State to the Legislative Assembly.
- A. 4 B. 5
C. 3 D. 6
- Ans. D
101. The source of the Sanskrit phrase 'Satyameva Jayate' lies in the _____.
- A. Mundaka Upanishad
B. Agam Literature
C. Tripitaka
D. Bible
- Ans. A
102. States Reorganization Commission was constituted in the year _____.
- A. 1956 B. 1954
C. 1953 D. 1955
- Ans. C
103. If the mathematical operators -, +, x and ÷ are represented by A, B, C and D respectively, then find the value of 9 B 20 C 12 D 6 A 8
- A. 40 B. 49
C. 57 D. 41
- Ans. D
104. 'Flora and fauna' refer to _____.
- A. birds and animals
B. mountains and rivers
C. plants and animals
D. humans and animals
- Ans. C
105. In general, physical classification of states of matter does not include the _____ state.
- A. Colloidal
B. Gaseous
C. Liquid
D. Solid
- Ans. A
- Comprehension:



Consider the following information and answer the questions based on it.

150 people from a locality commute daily for work. Out of them 25 travel only by bus, 40 only by train, 20 take both taxi and train, 30 use only private cars, 25 take bus and taxi and the remaining travel only by taxi.

SubQuestion No: 106

106. What is the percentage of people who use only one mode of transport?

- A. 75%
- B. 63.2%
- C. 50%
- D. 70%

Ans. D

Comprehension:

Consider the following information and answer the questions based on it.

150 people from a locality commute daily for work. Out of them 25 travel only by bus, 40 only by train, 20 take both taxi and train, 30 use only private cars, 25 take bus and taxi and the remaining travel only by taxi.

SubQuestion No: 107

107. In all, how many people use taxi to commute?

- A. 55
- B. 30
- C. 45
- D. 35

Ans. A

108. NASA's JUNO unmanned spacecraft successfully executed first stage of its mission by orbiting _____.

- A. Jupiter
- B. Moon
- C. Mars
- D. Neptune

Ans. A

109. Germanium is a commonly used _____.

- A. Moderator
- B. Semi-conductor
- C. Conductor
- D. Insulator

Ans. B

110. A person walks through a distance of 600 m in 5 minutes. What is his speed in kmph?

- A. 8.6 kmph
- B. 8.4 kmph
- C. 6.8 kmph
- D. 7.2 kmph

Ans. D

111. A pack of chocolates is divided between three friends, Amar, Akbar and Anthony in the ratio 3:4:5 respectively. If Akbar gets 50 chocolates more than Amar, then how much does Anthony get?

- A. 250
- B. 100
- C. 150
- D. 200

Ans. A

112. A portion inside a rectangle of length 5 m and breadth 2 m is shaded in the form of a square of side 2 m. What is the ratio of the area of the shaded square to the unshaded portion of the rectangle?

- A. 3 : 2
- B. 2 : 3
- C. 5 ; 2
- D. 2 : 5

Ans. B

113. 'NITI' in NITI Aayog stands for:

- A. National Index of Transcending Indian
- B. National Institute of Transforming India
- C. National Institution for Tracking Indians
- D. National Institution for Transforming India

Ans. D

114. The Kingdom of Bhutan lies in the _____ Himalayas.

- A. Northern
- B. Eastern
- C. Western
- D. Central

Ans. B

115. A car covers a certain distance in 45 minutes at a speed of 60 kmph. What



should be the speed in kmph, if it has to cover the same distance 5 minutes earliest?

- A. 62 B. 58.25
C. 55 D. 67.5

Ans. D

116. In September 2016, WHO (World Health Organisation) certified that _____ is malaria-free.

- A. Malaysia
B. Sri Lanka
C. Singapore
D. China

Ans. B

117. What will be the value of the expression if the signs '÷' and 'x' are interchanged?
 $45 \div 0.4 - 21 \times 3 + 1$

- A. -5 B. 12
C. 7 D. 11

Ans. B

118. Which one of the following is not considered as harmful to the society?

- A. Child marriage
B. Dowry system
C. Untouchability
D. Adult Franchise

Ans. D

119. Find the compound interest on Rs. 6400 at 25% p.a. for 3 years.

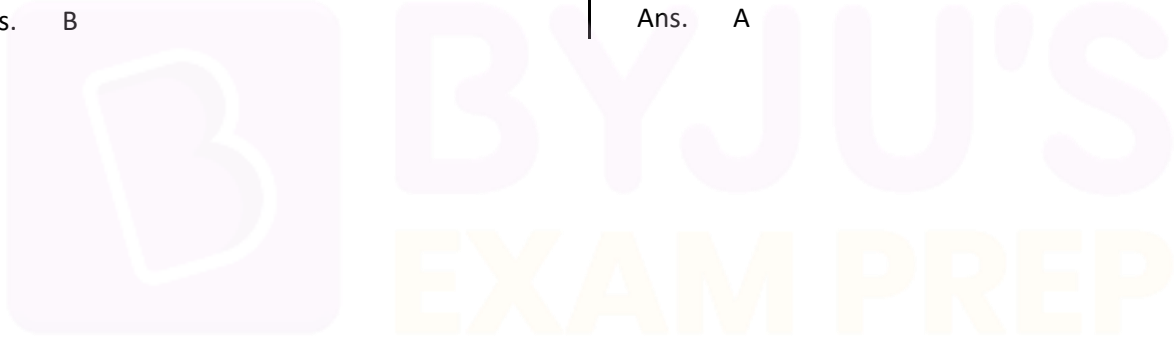
- A. Rs. 6,050
B. Rs. 6,150
C. Rs. 6,000
D. Rs. 6,100

Ans. D

120. DNS stands for:

- A. Domain Name System
B. Data Net Service
C. Data Net System
D. Domain Name Setup

Ans. A



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