RRB NTPC CBT 2 2017 (18 Jan) Shift 1

1. Find out which of the following sets form co-prime numbers.
   A. (12,7)
   B. (2, 42)
   C. (3,9)
   D. (43,129)
Ans. A

2. The monthly salaries of P and Q are in the ratio 4:3. If P and Q are in the ratio 4:3. If P and Q get an increase of 10% and 5% of their existing salaries respectively, what will be the new ratio?
   A. 88 : 63   B. 63 : 88
   C. 45 : 60   D. 60 : 45
Ans. A

3. The Home Rule Leagues set up in 1915-16 worked as auxiliary units of the _____.
   A. Muslim League
   B. Indian National Congress
   C. Extremists
   D. British Raj
Ans. B

4. Fill up the blank with the most appropriate option below.
   As ming has come to stay, future financial transactions would be based on _____.
   A. Graphics
   B. Point of Sale
   C. Robotics
   D. Wireless
Ans. D

5. _____, an Assamese wildlife biologist won the Royal Bank of Scotland (RBS) Earth Heroes Award 2016.
   A. Angoorlata Deka
   B. Aparajita Borkotoki
   C. Subrata Sharma
   D. Purnima Devi Barman
Ans. D

6. Which of the following Vedas contains treatment for diseases?
   A. Yajur   B. Rig
   C. Sama   D. Atharva
Ans. D

7. HORSE : SERHO :: CURSE:?
   A. ERCUS   B. SECRU
   C. RCUES   D. SERCU
Ans. D

8. K and L can do a work in 15 and 20 days respectively. They work together for 5 days and leave. Calculate the unfinished portion of the work.
   A.
Ans. B

9. Complete the analogy.
   Admiral :Navy :: ? : Indian Air Force
   A. Air Marshal
   B. Air Chief Marshal
   C. Air Vice Marshal
   D. Flight Lieutenant
Ans. B

10. 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: Can you make an overall assessment of the present level of stock market index today?
    Statements:
    I. Today, the stock market index has reached lower than the lowest during the last 3 years.
    II. During the last year, the index fluctuated between 30,360 and 28,255.
    III. The stock market index touched a low of 27,125 in the preceding 3 years.
    A. All the three statements I, II and III are insufficient.
    B. Both statements I and III are sufficient.
    C. Both statements II and III are sufficient.
    D. Both statements I and II are sufficient.
Ans. B

11. Indian Railways network connects about _____ stations.
    A. 12,000
    B. 14,000
    C. 8,000
    D. 10,000
Ans. C

12. If TEACHER is coded as 8412745, CHEATER will be coded as:
    A. 2714845
    B. 2741485
    C. 2748145
    D. 2741845
Ans. D

13. Select the number which is different from the other numbers given below:
    157, 571, 599, 387

A. 571   B. 157
C. 599   D. 387

Ans. D

14. 8 boxes of a fruit were purchased for Rs. 9,600. 5 boxes were sold at a profit of 10% and 3 boxes were sold at a loss of 10%. What is the net gain in percentage?
A. 2.75%   B. 2.5%
C. 2%   D. 2.25%

Ans. B

15. Hubble's Law is related to _____.
A. Heat
B. Sound
C. Astronomy
D. Air Pressure

Ans. C

16. In April 2016, the National Green Tribunal suspended the environmental clearance given to the proposed hydropower project in Arunachal Pradesh to save the _____.
A. Great Hornbills
B. Gayals
C. Medicinal Plants
D. Black-necked Cranes

Ans. D

17. GSAT-18 launched by India in October 2016, was essentially a _____ satellite.
A. meteorological
B. remote sensing
C. communication
D. earth observation

Ans. D

18. The river island Majuli which became "India's first and only island district" is located in _____.
A. Karnataka
B. Jammu and Kashmir
C. Himachal Pradesh
D. Assam

Ans. D

19. _____ clicking on mouse selects the entire paragraph by default, while working with text document in MS Word.
A. Alt+Single
B. Triple
C. Double
D. Single

Ans. B

20. The Nobel Peace Prize 2016 was awarded to:
A. David J. Thouless
B. Bob Dylan

C. Bernard L. Feringa
D. Juan Manuel Santos

Ans. D

21. Find the least number which should be added to 1456 so that it is divisible by 6, 5 and 4 without leaving a reminder.
A. 6   B. 61
C. 44   D. 16

Ans. C

22. Choose Reptile which is not similar to the others in the group given below:
Lizard, Crocodile, Reptile, Snake
A. Reptile
B. Snake
C. Lizard
D. Crocodile

Ans. A

23. In a class of 135 students, the number of boys is twice that of girls. One-sixth of the boys and one-third of the girls failed in the final examination. Find the percentage of students who passed the examination.
A. 75%   B. 71.45%
C. 77.78%   D. 81.23%

Ans. C

24. If p and q are in the ratio 4 : 3 and their LCM is 36, p + q = ?
A. 18   B. 21
C. 24   D. 12

Ans. B

25. EIMQUY : CGKOSW : : BFJNRV : ?
A. CGKOSW
B. DHLPTX
C. AEIMQU
D. ZDHLPT

Ans. D

26. What is the cost price of a product, if the gain in selling it for Rs. 27,120 is 13%?
A. Rs. 24,600
B. Rs. 24,000
C. Rs. 22,800
D. Rs. 25,300

Ans. B

27. The simple interest at 10% p.a. on a deposit for 2 years is Rs. 4,000. If the interest is compounded on an annual basis, how much more will be the amount of interest?
A. Rs. 200
B. Rs. 240
C. Rs. 220
D. Rs. 190

Ans. A

28. The difference between the selling prices of an item at a profit of 9% and 7% was Rs. 190. Find the cost price of the item.
    A.   Rs. 9,200
    B.   Rs. 9,500
    C.   Rs. 8,700
    D.   Rs. 9,000
Ans.   B

29. Pointing to a photograph a lady said, "he is the son of my grandfather's only son". How is the person in the photo related to the lady?
    A.   Grandfather
    B.   Father
    C.   Son
    D.   Brother
Ans.   D

30. Which of the following international football stars belongs to Brazil?
    A.   Neymar
    B.   Gabriel Batistuta
    C.   Marcos Rojo
    D.   Lionel Messi
Ans.   A

31. Interchange two mathematical operators and balance the incorrect equation given below:
    $16 - 24 \times 2 \div 10 + 104 = 0$
    A. $\div$ and $\times$
    B. $+$ and $\times$
    C. $-$ and $+$
    D. $\div$ and $-$
Ans.   A

32. 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 out the minimum number of nurses needed by the hospital.
    Statements:
    I.   There are three shifts round the clock.
    II.   There are thirteen wards requiring two nurses per shift.
    III. The town needs at least three nurses per thousand population.
    A.   Both statements II and III are sufficient.
    B.   Only statement I is sufficient.
    C.   Both statements I and III are sufficient.
    D.   Both statements I and II are sufficient.
Ans.   D

33. Complete the analogy with the most suitable option:
    Rice : Carbohydrate : : Sprouts : ?
    A.   Water
    B.   Protein
    C.   Heat
    D.   Fat
Ans.   B

34. WWF stands for:
    A.   Web World Federation
    B.   World Wildlife Federation
    C.   World Wildlife Fund
    D.   World Web Federation
Ans.   C

35. 'Ponzi' scheme refers to the _____scam.
    A.   coal allocation
    B.   investment
    C.   fodder
    D.   food grain
Ans.   B

36. 'Absolute zero' refers to _____.
    A.   minus 273°C
    B.   minus 295°C
    C.   minus 300°C
    D.   minus 255°C
Ans.   A

37. Which one of the following islands does NOT belong to Lakshadweep?
    A.   Minicoy
    B.   Kavaratti
    C.   Neil
    D.   Amini
Ans.   C

38. Read the following statements and select the option which is NOT true based on the statements:
    The cost of six mangoes is equal to the cost of four apples. The cost of eight apples is equal to the cost of two jackfruits.
    A.   A mango is not as costly as an apple.
    B.   An apple is cheaper than a jackfruit
    C.   Jackfruit is the costliest of all.
    D.   An apple is not as costly as a mango.
Ans.   D

39. 10 men and 5 women can do a work in 60 days. If one man can do the work of two women, how long will 5 men and 20 women take to complete half of the work?
A. 25   B. 36
C.   D. 50
Ans. A

40. In July 2016, a Russian priest set a new record of flying solo in an air balloon around the World, in just over _____days.
A. 17   B. 11
C. 15   D. 13
Ans. B

41. _____is NOT a common bitmap-based file type extension.
A. ODT   B. TIFF
C. PNG   D. PCX
Ans. A

42. Statements followed by some conclusions are given below.
Statements:
i. All men are mechanics.
ii. All mechanics are engineers.
Conclusions:
I. Some mechanics are men
II. Some engineers are mechanics.
Find which one of the given conclusion logically follows from the given statement.
A. Neither I nor II follows
B. Both I and II follow
C. Only conclusion I follows
D. Only conclusion II follows
Ans. B

43. 15 persons can complete a work in 60 days. If the number of persons is increased by 5, how many days earlier will the work get completed?
A. 20 days
B. 10 days
C. 15 days
D. 45 days
Ans. C

44. RMSK : SLUI : : KMFZ : ?
A. LIHB   B. LLHX
C. HKIB   D. LHKX
Ans. B

45. The Rowlatt Act was passed in the year _____.
A. 1921   B. 1917
C. 1919   D. 1915
Ans. C

46. K borrowed Rs. P at a compound interest of 20% p.a. for 2 years. Interest amount payable was Rs. 5,280. What was the value of P?
A. Rs. 12,000
B. Rs. 11,000
C. Rs. 11,750
D. Rs. 12,500
Ans. A

47. The cost price of a set of 2 pants + 4 shirts or 1 pant + 6 shirts is Rs. 5,600. A shopkeeper decided to sell them separately. He sold 10 shirts for Rs. 6,000. Find the amount of profit or loss per shirt.
A. Profit Rs. 1000
B. Loss Rs. 1000
C. Profit Rs. 100
D. Loss Rs. 100
Ans. D

48. Train starts from station A at 10 am and runs at a constant speed of 60 kmph on straight track and covers a distance of 360 km. Train Q starts from B at 11 am and runs towards A at a constant speed, he crosses train P at a distance of 120 km from B. What is the speed of train Q?
A. 40 kmph
B. 30 kmph
C. 50 kmph
D. 60 kmph
Ans. A

49. The minimum age limit prescribed for appointment as Governor of a State in India is _____years.
A. 40   B. 30
C. 25   D. 35
Ans. D

Comprehension:
Yogesh is taller than Alpesh but shorter than Dharmesh. Suresh is shorter than Rajesh. Harish is not as tall as Alpesh. Ramesh is taller than Dharmesh but shorter than Suresh.
SubQuestion No : 50

50. Who is the shortest of all?
A. Harish
B. Ramesh
C. Alpesh
D. Yogesh
Ans. A

Comprehension:
Yogesh is taller than Alpesh but shorter than Dharmesh. Suresh is shorter than Rajesh.

Harish is not as tall as Alpesh. Ramesh is taller than Dharmesh but shorter than Suresh.

SubQuestion No : 51

51. Height-wise, who is in the middle?
    - A. Dharmesh
    - B. Suresh
    - C. Yogesh
    - D. Ramesh
Ans. A

52. Rearrange the jumbled letters to make a meaningful English word and then select the word which is different from the rest.
    - A. EVCOL
    - B. LCIYHL
    - C. HLTCO
    - D. MIUNC
Ans. C

53. If & means '+', $ means '-', # means '÷' and % means 'x', then the value of 9 % 3 & 22 $ 52 & 85 # 17.
    - A. 8
    - B. 2
    - C. - 3
    - D. 5
Ans. B

54. Which of the following sites was added to the list of UNESCO's World heritage sites in July 2016?
    - A. Khangchendzonga National Park, Sikkim
    - B. Mahabodhi Temple Complex at Bodh Gaya
    - C. Kaziranga Wildlife Sanctuary
    - D. Keibul Lamjao National Park, Manipur
Ans. A

55. 'Leader of the House' in the context of Lok Sabha refers to _____.
    - A. Any designated member of the ruling party or coalition
    - B. Either the Prime Minister or a Minister who is nominated by the Prime Minister
    - C. Leader of the Opposition
    - D. The President of India
Ans. B

56. 'Tropism' mostly refers to the:
    - A. Directional growth of a plant
    - B. Longevity of animal species
    - C. Bird migration
    - D. Behavioral pattern of humans
Ans. A

57. Arrange the numbers in descending order:
    $2\sqrt{11}, 4\sqrt{3}, 3\sqrt{5}, 5\sqrt{2}$
    - A. $5\sqrt{2}, 4\sqrt{3}, 3\sqrt{5}, 2\sqrt{11}$
    - B. $3\sqrt{5}, 4\sqrt{3}, 5\sqrt{2}, 2\sqrt{11}$
    - C. $2\sqrt{11}, 4\sqrt{3}, 3\sqrt{5}, 5\sqrt{2}$
    - D. $4\sqrt{3}, 3\sqrt{5}, 2\sqrt{11}, 5\sqrt{2}$
Ans. A

58. A person pays Rs. 8960 per month towards loan repayment which is 28% of his monthly salary. Calculate his monthly salary.
    - A. Rs. 32,000
    - B. Rs. 34,000
    - C. Rs. 28,000
    - D. Rs. 30,000
Ans. A

59. Sam is the husband of Rosy. Geni is the mother of Rita and Rosy. Vaz is the father of Rita. What is the relation of Vaz to Sam?
    - A. Brother
    - B. Father-in-law
    - C. Father
    - D. Son
Ans. B

60. Only July 25, 2012, Shri Pranab Mukherjee assumed office as the _____th President of India.
    - A. 11
    - B. 12
    - C. 13
    - D. 14
Ans. C

61. Which of the following activity is NOT allowed for Payment banks in India?
    - A. Accepting deposit
    - B. Offering remittance facility
    - C. Distributing simple insurance products
    - D. Lending money
Ans. D

62. The total amount of interest received on two deposits of Rs. 5,000 for 4 years and Rs. 4,000 for 5 years, made at the same simple rate of interest per annum was Rs. 2,400. Find the rate of interest per annum.
    - A. 4%
    - B. 7%
    - C. 6%
    - D. 8%
Ans. C

63. According to experts, raging forest fires that took place in Uttarakhand recently have caused the formation of _____.
    - A. Phosphorous
    - B. Black Carbon
    - C. Carbon Nanotubes
    - D. Sulphur
Ans. B

64. A pre-independence era bunker was discovered in August 2016 at the Raj Bhavan in _____.
   A. Gujarat
   B. Arunachal Pradesh
   C. Maharashtra
   D. Tamil Nadu
Ans. C

65. The escape velocity on the Earth's surface is about _____.
   A. 13.8 km/sec
   B. 11.2 km/sec
   C. 21.3 km/sec
   D. 4.3 km/sec
Ans. B

66. Indra Nooyi, an Indian origin leader, is associated with _____.
   A. IBM
   B. PepsiCo
   C. CocaCola
   D. Microsoft
Ans. B

67. Which of the following Indian States does NOT share an international border?
   A. West Bengal
   B. Haryana
   C. Himachal Pradesh
   D. Punjab
Ans. B

68. If EAR = 24 and EYE = 35, then LEG = ?
   A. 24   B. 25
   C. 22   D. 23
Ans. A

69. Which of the following is NOT a characteristic of the 'wave'?
   A. Wavelength
   B. Amplitude
   C. Frequency
   D. Medium
Ans. D

70. If fire is called ice, ice is called sky, sky is called fire and water is called rain, then where do birds fly?
   A. Air
   B. Water
   C. Fire
   D. Sky
Ans. C

71. Find the increase in circumference of a circle of radius 14 cm, if the radius is increased by 7 cm. $\left(\pi = \dfrac{22}{7} \right)$
   A. 44 cm
   B. 22 cm
   C. 66 cm
   D. 88 cm
Ans. A

72. The value of which one of the following fractions falls in between $\dfrac{3}{5}$ and $\dfrac{7}{8}$?
   A. $\dfrac{8}{9}$ B. $\dfrac{6}{7}$
   C. $\dfrac{12}{13}$ D. $\dfrac{4}{7}$
Ans. B

73. Antimatter particles corresponding to electrons are called _____.
   A. Neutrons
   B. Protons
   C. Antielectron
   D. Positrons
Ans. D

74. Evaluate : $\dfrac{\sin 30}{\cos 45} \times \dfrac{\sin 45}{\cos 30}$
   A. $\dfrac{\sqrt{2}}{\sqrt{3}}$ B. $\dfrac{2}{\sqrt{3}}$
   C. $\dfrac{1}{\sqrt{3}}$ D. $\dfrac{1}{\sqrt{2}}$
Ans. C

75. Which of the following is NOT true with reference to a real number?
   A. All irrational numbers are real numbers
   B. A real number need not necessarily be a point on the number line
   C. A Real number is unique.
   D. All rational numbers are real numbers
Ans. B

76. If (2a/m + b/n) = 2 and (a/m − b/n) = 4, find the values of 'a' and 'b' respectively.
    A. 2m, - 2n
    B. - 2n, 2m
    C. 2m, 2n
    D. - 2m, 2n
Ans. A

77. If two-third of three-fifth of a number is 42, find one-third of that number.
    A. 40   B. 30
    C. 45   D. 35
Ans. D

78. The principle of gyroscope is NOT used in a _____.
    A. Computer mouse
    B. Smart Phone
    C. Inkjet printers
    D. Racing car
Ans. C

79. Find the mode of the following data:
    100, 120, 110, 90, 1200, 140, 130, 120, 110, 100, 90, 140, 120, 100
    A. 100   B. 120
    C. 90   D. 140
Ans. B

80. Find the discount in percentage, if a book whose marked price is Rs. 90 is sold for Rs. 76.
    A. 14.65%
    B. 15.56%
    C. 13.45%
    D. 14.75%
Ans. B

Comprehension:
    Study the following table and answer the questions given below.
    The table contains the total number of students hired by IT companies I, II, III and the respective percentage of such hiring from colleges P, Q, R and S.

IT Company	No. of students hired	P (%)	Q (%)	R (%)	S (%)
I	1800	24	32	28	16
II	2400	27	30	25	18
III	1500	32	20	25	23

SubQuestion No : 81

81. What is the total number of students hired by Company II from Colleges P, R and S?
    A. 1752   B. 1800
    C. 1968   D. 1680
Ans. D

Comprehension:
    Study the following table and answer the questions given below.
    The table contains the total number of students hired by IT companies I, II, III and the respective percentage of such hiring from colleges P, Q, R and S.

IT Company	No. of students hired	P (%)	Q (%)	R (%)	S (%)
I	1800	24	32	28	16
II	2400	27	30	25	18
III	1500	32	20	25	23

SubQuestion No : 82

82. Find the difference between the number of students hired by Companies II and III from College R.
    A. 200   B. 220
    C. 210   D. 225
Ans. D

Comprehension:
    Study the following table and answer the questions given below.
    The table contains the total number of students hired by IT companies I, II, III and the respective percentage of such hiring from colleges P, Q, R and S.

IT Company	No. of students hired	P (%)	Q (%)	R (%)	S (%)
I	1800	24	32	28	16
II	2400	27	30	25	18
III	1500	32	20	25	23

SubQuestion No : 83

83. How many more students did all the three companies together hire from College P in comparison with College S?

A. 495   B. 510
C. 480   D. 535

Ans. A

Comprehension:

Study the following table and answer the questions given below.

The table contains the total number of students hired by IT companies I, II, III and the respective percentage of such hiring from colleges P, Q, R and S.

IT Company	No. of students hired	P (%)	Q (%)	R (%)	S (%)
I	1800	24	32	28	16
II	2400	27	30	25	18
III	1500	32	20	25	23

SubQuestion No : 84

84. What is the difference between the number of students hired by Company III from College P and that hired by Company I from College Q?

A. 118   B. 96
C. 132   D. 124

Ans. B

85. The famous Brihadeeswara Temple is located in _____.

A. Telangana
B. Tamil Nadu
C. Kerala
D. Karnataka

Ans. C

86. _____lake is one of the largest fresh water lakes in Asia.

A. Vembanad
B. Sambhar
C. Chilika
D. Wular

Ans. D

87. A Statement followed by some conclusions is given below.

Statement: Adversity is the best teacher.

Conclusions:

I. Poor people are learned.
II. Adversity provides opportunities to learn.

Find which of the given conclusions logically follows from the given statement.

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

Ans. A

Comprehension:

In a group of 85 persons, 45 read novels and 37 read poems and 8 do not read either novels or poems.

SubQuestion No : 88

88. Find the number of persons who read either novels or poems.

A. 77   B. 82
C. 45   D. 53

Ans. A

Comprehension:

In a group of 85 persons, 45 read novels and 37 read poems and 8 do not read either novels or poems.

SubQuestion No : 89

89. Find the number of persons who read both novels and poems.

A. 6   B. 7
C. 8   D. 5

Ans. D

90. 111 Russian, 407 Chinese and 259 Japanese tourists have assembled at a place. Identical batches containing the same number of persons from each nationality has to be formed without leaving out anybody. Find the total number of persons in each batch.

A. 18   B. 21
C. 10   D. 14

Ans. B

91. _____assumed charge as the Governor of the Reserve Bank of India in September 2016.

A. Dr. A. Panagariya
B. Dr. Rakesh Mohan
C. Dr. Raghuram Rajan
D. Dr. Urjit R. Patel

Ans. D

92. The amount of simple interest on a deposit of Rs. 8,500 for 3 years is Rs.

2,040. Find the rate of interest per annum.

A. 8%   B. 8.5%
C. 9%   D. 7.5%

Ans. A

93. The peripheral devices of a basic computer system does NOT include the:
   A. Printer
   B. Keyboard
   C. Monitor
   D. CPU

Ans. D

94. **Statements:**
   I. All the dogs are black.
   II. All the cats are white.
   Study the above statements and select the appropriate answer option based on them.
   A. All the animals are either black or white.
   B. No animal is brown
   C. Some animals are black and some are white.
   D. No animal is black and white.

Ans. C

95. Who was the speaker of the first Lok Sabha?
   A. M. N. Kaul
   B. G. V. Mavalankar
   C. M. A. Ayyangar
   D. Sardar Hukum Singh

Ans. B

96. Which of the following group of rulers was NOT called 'Sultans'?
   A. Lodis
   B. Khiljis
   C. Mughals
   D. Tughlaqs

Ans. C

97. Which of the following species is also called the 'Kashmir Deer'?
   A. Hangul
   B. Barasingha
   C. Sangai
   D. Cheetal

Ans. A

98. **Statement:**
   A. Those who cannot appreciate music become mathematicians.
   B. Majority of the mathematicians are not good musicians.
   C. No musician can become a mathematician.

   D. Music and mathematics do not go together.

Ans. D

99. Which team won the Copa America 2016 Football Championship?
   A. Argentina
   B. USA
   C. Colombia
   D. Chile

Ans. D

100. 'RailTel Corporation' is a _____.
   A. Private Sector Enterprise
   B. Public Sector Undertaking
   C. Partnership Firm
   D. Joint Sector Enterprise

Ans. B

101. A is 'Q's sister. C is Q's Mother. P is C's father. E is P's mother. How is Q related to P?
   A. Daughter
   B. Cannot be determined
   C. Grandson
   D. Granddaughter

Ans. B

102. Identify the professional Indian shooter from the following options.
   A. Sudha Singh
   B. Shivani Katariya
   C. Anjali Bhagwat
   D. Lalita Babar

Ans. C

103. Which of the following is the most appropriate description of INS Arihant?
   A. Submarine
   B. Indian Navy base
   C. Frigate
   D. Aircraft Carrier

Ans. A

104. The sum of two positive integers is 42 and their difference is 4. Find their product.
   A. 402   B. 437
   C. 416   D. 376

Ans. B

105. The length of a rectangular board is 4 times of its breadth. If the area of the board is 256 sq meters, find its length.
   A. 8 m   B. 16 m
   C. 24 m   D. 32 m

Ans. D

106. Total solar eclipse occurs when _____.
   A. the Moon is farthest from Earth
   B. the Moon enters the Earth's shadow

C.   the Sun, Moon and Earth are in
       a direct line
D.   the Sun, Moon and Earth are
       not exactly lined up
Ans.   C
107.   High tide : Sea :: ? : River
A.   Dam
B.   Hydroelectricity
C.   Bank
D.   Undercurrent
Ans.   D
108.   Which of the following piece of
       literature was NOT written in Sanskrit?
A.   Thirukkural
B.   Ratnavali
C.   Rajatarangini
D.   Meghdoot
Ans.   A
109.   Select the correct combination of
       mathematical signs from the options
       given to replace # signs in order to get
       a balanced equation:
       14 # 9 # 3 # 19 # 6
A.   + = + -
B.   + x = +
C.   - ÷ + =
D.   = x - +
Ans.   D
110.   Speed of a boat in still water is 12
       kmph and that of the current is 3
       kmph. A man rows a boat upstream up
       to 135 km and returns downstream to
       the starting point. Find the total time
       taken for the entire journey in hours.
A.   24   B.   48
C.   36   D.   30
Ans.   A
111.   Human hypothalamus gland _____.
A.   lies just below the stomach
B.   lies in the lower part of neck
C.   is present in the brain
D.   is attached to the wind pipe
Ans.   C

118.   What will be the next number in the
       series?
       25, 62, 123, 214, ?
A.   341   B.   317
C.   334   D.   292
Ans.   A
119.   Find the value of k in $\frac{26}{21} : \frac{24}{9} :: k : \frac{14}{13}$

112.   Find the value of '?' in the following
       series.
       6 : 30 :: 7 : ?
A.   56
B.   49
C.   35
D.   42
Ans.   D
113.   Find the area of a triangle whose sides
       are 5 cm, 12 cm and 13 cm.
A.   46 sq. cm
B.   42 sq. cm
C.   30 sq.cm
D.   38 sq. cm
Ans.   C
114.   Indian Space Research Organization
       was formed in _____.
A.   1969
B.   1962
C.   1971
D.   1975
Ans.   A
115.   The speed of car M is twice that of car
       W. If car M covers 120 km in 2 hrs &
       30 mins, what is the speed of car W?
A.   36 kmph
B.   48 kmph
C.   24 kmph
D.   42 mmph
Ans.   C
116.   'RailWire' is related to:
A.   Brand name of a cable
B.   Fencing of railway stations
C.   Railway electrification
D.   Railway broadband service
Ans.   D
117.   In which of the following countries did
       Untied Kingdom's rule formally end in
       the year 1986?
A.   Australia
B.   Sri Lanka
C.   Maldives
D.   Canada
Ans.   A
A. $\frac{1}{3}$ B.   2
C. $\frac{1}{2}$ D.   3
Ans.   C
120.   Which one of the following is NOT a
       correct description of median?

A. It is not affected by extreme values.
B. For odd number of values (n), median is (n+1)/2.

C. It is based on all observations of data.
D. It can be determined graphically.

Ans. C