



Your Personal Exams Guide



NDA



CDS



SSC CGL



CBSE UGC NET



IAS



SSC CHSL



CTET



MPSC



AFCAT



CSIR UDC NET



IBPS PO



UP POLICE



SSC MTS



SBI PO



BPSC



UP TET



IBPS RRB



IBPS CLERK



IES



UPSC CAPF



SSC Stenogr..



RRB NTPC



SSC GD



RBI GRADE B



RBI Assistant



DSSSB

RRB NTPC 2015 (CBT-1) Previous Year Paper (05-Apr-2016) (Shift 1)

Total Time: 1 Hour : 30 Minute

Total Marks: 100

Instructions

Sl No.	Section Name	No. of Question	Maximum Marks
1	Test	100	100

- 1.) A total of 90 minutes is allotted for the examination.
- 2.) The server will set your clock for you. In the top right corner of your screen, a countdown timer will display the remaining time for you to complete the exam. Once the timer reaches zero, the examination will end automatically. The paper need not be submitted when your timer reaches zero.
- 3.) There will, however, be sectional timing for this exam. You will have to complete each section within the specified time limit. Before moving on to the next section, you must complete the current one within the time limits.

Your Personal Exams Guide

Test

1. According to the Human Development Index report released on 14 December 2015, which is the place of India? (+1, -0.33)

A. 188

B. 130

C. 151

D. 105

a. D

b. A

c. B

d. C

2. $37 : 65 :: 51 : \text{-----}$ (+1, -0.33)

A. 75

B. 76

C. 78

D. 79

a. D

b. B

c. A

d. C

3. The law of Inertia was propounded by (+1, -0.33)

- A. Isaac Newton
- B. Albert Einstein
- C. John Dalton
- D. Stephen Hawking

- a. A
- b. B
- c. C
- d. D

4. 2 dozen books and 16 notebooks are to be distributed among the students in such a way that no one remains after distribution. How many maximum number of sets of books and notebooks can be made? (+1, -0.33)

- A. 4
- B. 6
- C. 8
- D. 10

- a. A
- b. B
- c. C
- d. D

5. According to the Indian Forest Report 2015, _____ part of the total geographical area is covered by forests and trees. (+1, -0.33)

A. 22.16%

B. 25.16%

C. 23.16%

D. 24.16%

a. A

b. B

c. C

d. D

6. Find the compound interest for 3 years at 10% annual interest rate of Rs. 10,000. (+1, -0.33)

A. Rs. 2,100

B. Rs. 3,310

C. Rs. 4,741

D. Rs. 1,100

a. D

b. B

c. C

d. A

7. Which is the national sport of USA?

(+1, -0.33)

- A. Water Polo
- B. Rugby
- C. Polo
- D. Baseball

- a. C
- b. D
- c. B
- d. A

8. Car : Petrol :: Locomotive : _____

(+1, -0.33)

- A. Engine
- B. Fire
- C. Coal
- D. Smoke

- a. C
- b. A
- c. B
- d. D

9. Statements and some of their conclusions are given below.

(+1, -0.33)

Statements:

1. The court has passed an order banning new construction until the municipal body brings in an effective way to manage the city's waste.
2. Experts have welcomed this order.

Conclusions:

- I. Construction is the only reason for the city's waste.
- II. Experts believe that the municipal body is not currently doing waste management.

Decide which of the following conclusion logically follow (s) from the given statement (s).

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

- a. C
- b. A
- c. B
- d. D

10. What is the name of the designated cricketer for the ICC's Anti-Corruption Monitoring Team?

(+1, -0.33)

- A. Anil Kumble
- B. Sunil Gavaskar
- C. Ravi Shastri
- D. Rahul Dravid

- a. B
- b. D
- c. C
- d. A

11. When did ISRO launch India's first dedicated astronomy satellite mission named ASTROSAT? (+1, -0.33)

- A. 2012
- B. 2013
- C. 2014
- D. 2015

- a. A
- b. C
- c. D
- d. B

12. An item was sold for 12.5% at Rs. 2,250. What was the amount of profit? (+1, -0.33)

A. Rs. 275

B. Rs. 250

C. Rs. 225

D. Rs. 300

a. B

b. D

c. C

d. A

13. **Directions:** Consider the following information and answer the questions based on it. (+1, -0.33)

In a class of 100 students, 20 students like only Spanish, 30 students like only French, 15 students like only German, 10 students like both Spanish and French, 5 students like both German and French and the remaining students like only English.

How many students like french?

A. 30

B. 35

C. 40

D. 45

a. D

b. C

c. B

d. A

-
14. **Directions:** Consider the following information and answer the questions based on it. (+1, -0.33)

In a class of 100 students, 20 students like only Spanish, 30 students like only French, 15 students like only German, 10 students like both Spanish and French, 5 students like both German and French and the remaining students like only English.

What is the ratio of students who like Spanish to those who like German?

A. $\frac{2}{3}$

B. $\frac{1}{2}$

C. $\frac{3}{2}$

D. $\frac{4}{9}$

a. C

b. B

c. A

d. D

-
15. **Directions:** Consider the following information and answer the questions based on it. (+1, -0.33)

In a class of 100 students, 20 students like only Spanish, 30 students like only French, 15 students like only German, 10 students like both Spanish

and French, 5 students like both German and French and the remaining students like only English.

How many students like only one language?

A. 65

B. 70

C. 75

D. 85

a. D

b. C

c. B

d. A

16. What does Net neutrality mean?

(+1, -0.33)

A. Stop people from using the Internet.

B. Pricing of subsidized internet services.

C. Internet companies provide free data.

D. Differential pricing of Internet services.

a. A

b. D

c. C

d. B

17. RMAb medicine – the world's first fast-acting drug in its class is related to? (+1, -0.33)

- A. Anti-malarial drug
- B. Anti-Rabies drug
- C. Anti-dengue drug
- D. Anti-diabetic drug

- a. D
- b. C
- c. B
- d. A

18. Rearrange the disorganized letters to make meaningful words and choose the odd ones. (+1, -0.33)

- A. NEEVS
- B. ENNI
- C. IVFE
- D. ENP

- a. D
- b. C
- c. A
- d. B

19. Find the value of the mean of 2, 2, 3, 4, 5, 5, 7, 8.

(+1, -0.33)

A. 4.5

B. 5.4

C. 5.5

D. 5

a. B

b. C

c. D

d. A

20. What was invented by Alfred Nobel?

(+1, -0.33)

A. Radium

B. X-ray

C. Dynamite

D. The Solar System

a. A

b. C

c. D

d. B

21. Find the smallest of the following decimals.

(+1, -0.33)

- A. $0.1 \times 0.1 \times 0.1$
- B. $0.03/3$
- C. $0.01/2$
- D. $0.1 \times 0.02 \times 0.2$

- a. A
- b. C
- c. D
- d. B

22. F's father is brother of L's mother who is the daughter of G. How is L related to F? (+1, -0.33)

- A. Brother
- B. Paternal Uncle
- C. Maternal Uncle
- D. Cousin

- a. D
- b. A
- c. B
- d. C

23. A certain prize money is to be given to P, Q and R in the ratio of 3 : 5 : 7. If R got 1000 rupees more than P, then what is the share of Q? (+1, -0.33)

- A. Rs. 750
- B. Rs. 1250
- C. Rs. 1750
- D. Rs. 1500

- a. C
- b. A
- c. D
- d. B

24. A packet of 2 pens was purchased for Rs. 340 after 15% discount. Find the marked price of each pen. (+1, -0.33)

- A. Rs. 200
- B. Rs. 150
- C. Rs. 170
- D. Rs. 180

- a. D
- b. C
- c. A
- d. B

25. The Constitution of India came into force on _____? (+1, -0.33)

- A. 26.01.1950
- B. 15.08.1947
- C. 22.08.1947
- D. 01.01.1950

- a. C
- b. B
- c. D
- d. A

26. Which of the following does not represent a zone of Indian Railways? (+1, -0.33)

- A. SECR
- B. ECoR
- C. NWR
- D. EWR

- a. D
- b. B
- c. A
- d. C

27. Which of the following is not compatible with the other options in the group? (+1, -0.33)

- A. twitter.com
- B. facebook.com
- C. whatsapp
- D. youtube.com

- a. D
- b. B
- c. C
- d. A

28. If the length of the diagonal of a rectangle and half its perimeter are 11 cm and 13 cm respectively, what is its area? (+1, -0.33)

- A. 12 square cm
- B. 48 square cm
- C. 36 square cm
- D. 24 square cm

- a. D
- b. A
- c. C
- d. B

29. $(x^2 - y^2)/(x - y) = ?$ (+1, -0.33)

A. $x - y$

B. $x + y$

C. xy

D. $2xy$

a. C

b. A

c. B

d. D

30. A woman has no siblings. Pointing to a photo, the woman says, "This woman's mother is my mother's daughter". Who is in the photo? (+1, -0.33)

A. Woman's daughter

B. Woman's mother

C. The woman's grandmother

D. Woman

a. D

b. A

c. C

d. B

31. The selling price of an article is Rs 1,458 and its cost price is Rs 1,350. Find the profit percentage. (+1, -0.33)

A. 5%

B. 6%

C. 7%

D. 8%

a. B

b. D

c. C

d. A

32. Where was Dadabhai Naoroji appointed as Professor of Mathematics and Physics? (+1, -0.33)

A. Presidency College, Chennai

B. Presidency College, Kolkata

C. St. Xavier's College, Mumbai

D. Elphinstone College, Mumbai

a. B

b. D

c. C

d. A

33. What is called conversion from a liquid state to a gaseous state? (+1, -0.33)

- A. Oxidization
- B. Sublimation
- C. Evaporation
- D. Condensation

- a. C
- b. D
- c. A
- d. B

34. Which of the following is the largest planet, compared to the size of Earth? (+1, -0.33)

- A. Mars
- B. Jupiter
- C. Uranus
- D. Saturn

- a. B
- b. A
- c. C
- d. D

35. Statements and some of their conclusions are given below. (+1, -0.33)

Statement:

1. An economist said with uncertainty that he welcomes the Union Budget.
2. He knew whether the estimate was based on reliable data.

Conclusion:

- I. In giving his views, the economist has crossed his two fingers.
- II. He is not confident about the accuracy of estimates.

Decide which of the following conclusions logically follow(s) from the given statement (s).

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

- a. D
- b. C
- c. A
- d. B

36. If the mathematical symbol ' $\div$ ' means ' $\times$ ', ' $+$ ' means ' $-$ ', ' $\times$ ' means ' $+$ ' and ' $-$ ' means ' $\div$ ' then $12 + 16 - 4 \times 4 \div 2 = ?$ (+1, -0.33)

- A. 16
- B. 20
- C. 12
- D. 24

- a. C
 - b. A
 - c. D
 - d. B
-

37. Find the odd in relation to genetic engineering.

(+1, -0.33)

- A. Bt Cotton
- B. Golden rice
- C. Amphlora
- D. Lady finger

- a. C
- b. D
- c. B
- d. A

38. If $12\tan A = 5$, $\operatorname{cosec} A = ?$

(+1, -0.33)

- A. $13/5$
- B. $12/13$
- C. $5/13$
- D. $12/5$

- a. B

b. C

c. A

d. D

39. Who among the following has not been awarded the Padma Vibhushan Award? (+1, -0.33)

A. Viswanathan Anand

B. Edmund Hillary

C. Sachin Tendulkar

D. Sunil Gavaskar

a. B

b. A

c. C

d. D

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40. Which oxide of nitrogen is used in chloroform solution? (+1, -0.33)

A. Nitric oxide

B. Nitrogen dioxide

C. Nitrous oxide

D. Nitrogen Pentoxide

a. A

b. B

c. C

d. D

41. What is the computer program that converts source code into object code? (+1, -0.33)

A. Processor

B. Interpreter

C. Compiler

D. Editor

a. C

b. A

c. B

d. D

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42. Husband and wife earn Rs 45,000 and Rs 35,000 per month. They donate Rs 5,000 every month to the orphanage. If we withdraw the donation, then what percentage of the husband's income is their combined income? (+1, -0.33)

A. 56.25%

B. 50%

C. 57.14%

D. 53.33%

- a. B
 - b. A
 - c. C
 - d. D
-

43. Which key combination in MS word is used to perform a task as before? (+1, -0.33)

- A. Ctrl + v
- B. Ctrl + z
- C. Ctrl + y
- D. Ctrl + x

- a. A
- b. C
- c. D
- d. B

44. Bakery : Bread :: _____ : Milk (+1, -0.33)

- A. Cattle
- B. Sweet
- C. Dairy
- D. Can

- a. C

b. A

c. D

d. B

45. In a certain code language if 'mine' = 3214, 'talk' = 8456, and 'tame' = 1654 (+1, -0.33) then _____ represents 'm'.

A. 1

B. 3

C. 5

D. 9

a. B

b. A

c. D

d. C

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46. What does a water refinery come under? (+1, -0.33)

A. IOCL

B. HPCL

C. BPCL

D. ONGC

a. D

b. B

c. C

d. A

47. Read the given statements carefully and answer the questions. (+1, -0.33)

Fear of danger is more dangerous than danger itself. Risk is directly proportional to danger

Which of the following are true according to the given statements?

A. Fear is worse than any fearful threat.

B. There is a trade-off between risk and danger.

C. There should be fear of danger.

D. There is no need to take risks to overcome any danger.

a. B

b. A

c. C

d. D

48. If the circumference of a circle is 18π cm, then the area of the circle is (+1, -0.33)

A. 18π square cm

B. $18\pi^2$ square cm

C. 81π square cm

D. 9π square cm

a. A

b. D

c. B

d. C

49. **Directions:** Consider the following information and answer the questions (+1, -0.33) based on it.

Five fruits - banana, mango, apple, plum and orange are placed in a tray.

Five children - Fu, Moo, Ku, Hu and Lu - pick one fruit randomly in such a way that -

1. Moo neither takes banana nor orange.
2. Lu likes the apple and picks it up.
3. Ku neither takes plum nor banana.
4. Fu wants to take apples but takes mangoes.

Who takes a banana?

A. Hu

B. Ku

C. Moo

D. Cannot be determined

a. C

b. D

c. B

d. A

50. Directions: Consider the following information and answer the questions (+1, -0.33) based on it.

Five fruits – banana, mango, apple, plum and orange are placed in a tray.
Five children – Fu, Moo, Ku, Hu and Lu – pick one fruit randomly in such a way that –

1. Moo neither takes banana nor orange.
2. Lu likes the apple and picks it up.
3. Ku neither takes plum nor banana.
4. Fu wants to take apples but takes mangoes.

Which fruit does Ku take?

A. Orange

B. Plum

C. Banana

D. Mango

a. C

b. B

c. A

d. D

51. **Directions:** Consider the following information and answer the questions based on it. (+1, -0.33)

Five fruits – banana, mango, apple, plum and orange are placed in a tray.
Five children – Fu, Moo, Ku, Hu and Lu – pick one fruit randomly in such a way that –

1. Moo neither takes banana nor orange.
2. Lu likes the apple and picks it up.
3. Ku neither takes plum nor banana.
4. Fu wants to take apples but takes mangoes.

Which is the correct combination?

- A. Moo – Banana
- B. Hu – Plum
- C. Hu – Orange
- D. Moo – Plum

- a. C
- b. B
- c. A
- d. D

52. What food goes into the alimentary canal through the process? (+1, -0.33)

- A. Ingestion
- B. Digestion

C. Assimilation

D. Elimination

a. A

b. C

c. B

d. D

53. Before 1971, in which year did the India-Pakistan war take place? (+1, -0.33)

a. 1962

b. 1963

c. 1964

d. 1965

54. Entertainment : Theater :: Justice : _____ (+1, -0.33)

A. Litigation

B. Lawyer

C. Conflict

D. Court

a. D

b. B

c. C

d. A

55. It is better to spend the leftovers after saving. Financial discipline and self-control can make you rich. Saving money after spending is not a good habit. Which among the following statements is true as per the statement? (+1, -0.33)

- A. If you spend first then you will be spendy.
- B. If you save before spending, you will become rich.
- C. If you spend before saving, you will be poor.
- D. Saving by borrowing is a bad habit.

- a. A
- b. C
- c. B
- d. D

56. Starting from her home, a woman walks 10 km towards the west. She turns left and walks 25 km. Again she turns left and walks 10 km. After that, she again turns left and walks 5 km. How far is she from her house now? (+1, -0.33)

- A. 35
- B. 20
- C. 25
- D. 40

- a. D

b. A

c. B

d. C

57. K says that M is the daughter of the only brother-in-law of her grandmother's only son. How is K related to M? (+1, -0.33)

A. Cousin Sister

B. Maternal aunt

C. Daughter

D. Mother

a. B

b. C

c. A

d. D

58. When was Leprosy Day celebrated? (+1, -0.33)

a. 25 December

b. 17 January

c. 25 January

d. 30 January

59. ACB, DFE, GIH, _____.

(+1, -0.33)

A. JKL

B. KLJ

C. LJK

D. JLK

a. A

b. B

c. D

d. C

60. Which of the following statements about the movement of planets is true?

(+1, -0.33)

A. A planet's orbit is elliptical with the Sun at one of two focal points.

B. The orbit of a planet is circular with the sun in the center.

C. The orbit of a planet is elliptical with another planet in one of the two center-points.

D. The orbit of a planet is circular with another planet in the center.

a. A

b. B

c. C

d. D

61. $5\cos^2 0^\circ - 4\sin^2 30^\circ + 6\operatorname{cosec}^2 45^\circ = ?$

(+1, -0.33)

A. 12

B. 8

C. 4

D. 16

a. C

b. A

c. D

d. B

62. The speed of one motorcycle M is twice that of the other motor L cycle. If M covers a distance of 100 km in 1 hour and 15 minutes, then what is the speed of L?

(+1, -0.33)

A. 50 km/h

B. 40 km/h

C. 80 km/h

D. 30 km/h

a. B

b. C

c. D

d. A

63. In which of these countries, the smallest coin is not called paisa? (+1, -0.33)

- A. India
- B. Pakistan
- C. Nepal
- D. Sri Lanka

- a. A
- b. B
- c. D
- d. C

64. How many gold medals did India win in the XII South Asian Games? (+1, -0.33)

- A. 166
- B. 174
- C. 188
- D. 198

- a. A
 - b. D
 - c. C
 - d. B
-

65. Find the HCF of 69, 96 and 138.

(+1, -0.33)

- A. 9
- B. 6
- C. 3
- D. 2
- a. D
- b. B
- c. C
- d. A

66. If 'he will go back' is written as 'ca ki ja vo', 'I go to office' is written as 'ta df ja mi' and 'office to home' is written as 'he ta df' then how will 'go back home' be written:

(+1, -0.33)

- A. vo ja ca
- B. mi ta ki
- C. he ca ja
- D. df ta vo
- a. C
- b. A
- c. D
- d. B

67. Nuclear fission is a process of _____. (+1, -0.33)

- A. Nuclear conversion
- B. Subdivision of a heavy nuclear nucleus
- C. Collision of two or more nuclei to form a new nucleus
- D. Subdivisions of molecules.

- a. B
- b. A
- c. C
- d. D

68. According to the census of India (2011), which is the most populous state? (+1, -0.33)

- A. West Bengal
- B. Bihar
- C. Uttar Pradesh
- D. Maharashtra

- a. B
- b. A
- c. C
- d. D

69. One of the 27 nurses in a nursing home has resigned. If the ratio of staff nurse to the patients is 1 : 6, how many maximum patients can be admitted? (+1, -0.33)

A. 156

B. 162

C. 150

D. 168

a. B

b. C

c. D

d. A

70. What is the total number of World Heritage Sites in India selected by UNESCO? (+1, -0.33)

A. 25

B. 7

C. 38

D. 18

a. C

b. D

c. A

d. B

71. To get a balanced equation from $12 * 3 * 2 * 6$, choose the correct option from the following options to replace the $*$ symbol with the mathematical signs '+', '÷' and '-'. (+1, -0.33)

A. $+ \div =$

B. $\div + =$

C. $\div = +$

D. $+ = \div$

a. C

b. A

c. B

d. D

72. If $4(3x - 2) = 2(3x + 8)$, Then $x = ?$ (+1, -0.33)

A. 1

B. 2

C. 3

D. 4

a. B

b. D

c. C

d. A

73. Toxicology is the study of

(+1, -0.33)

- A. Human Behavior
- B. Poison
- C. Soil Erosion
- D. Rocks

- a. A
- b. D
- c. C
- d. B

74. Z paid Rs 10,920 after 4 years with 10% annual simple interest. How much did he borrow?

(+1, -0.33)

- A. Rs 7,600
- B. Rs 7,800
- C. Rs 8,200
- D. Rs 7,400

- a. A
- b. B
- c. D
- d. C

75. If $a^2 + b^2 = 80$ and $a - b = 4$, then $ab = ?$ (+1, -0.33)

- a. 28
- b. 30
- c. 32
- d. 34

76. What is the full form of ISI? (+1, -0.33)

- A. Inter-Services Intelligence
- B. International Services Intelligence
- C. International Space Intelligence
- D. International Scientific Infrastructure

- a. A
- b. C
- c. D
- d. B

77. Where is Tawang Math located? (+1, -0.33)

- A. Assam
- B. Nagaland
- C. Arunachal Pradesh

D. Mizoram

a. C

b. B

c. A

d. D

78. In a certain code language if 723 means 'we feel good', 728 means 'feel good factor' and 9731 means 'we definitely feel so' then which number represents 'definitely'? (+1, -0.33)

A. 8

B. 9

C. 7

D. Cannot be determined

a. D

b. B

c. A

d. C

79. M can do a work in 5 days. R can do the same work in 20 days. In how many days will they finish the same work together? (+1, -0.33)

A. 4 days

B. 3 days

C. 2 days

D. 1 days

a. D

b. C

c. A

d. B

80. Select the related word from the given alternatives. (+1, -0.33)

Clothes : Tailor :: Wood : _____

A. Table

B. Chair

C. Carpenter

D. Axe

a. C

b. D

c. A

d. B

81. Find out the odd in relation to the Indian Parliament. (+1, -0.33)

A. Budget Session

B. Summer Session

C. Monsoon Session

D. Winter Session

a. A

b. C

c. D

d. B

82. Which of the following is not a member of the group of programming languages? (+1, -0.33)

A. Assembly Language

B. POP3

C. C++

D. Java

a. B

b. D

c. C

d. A

83. If MOBILE = OQDKNG then TELEVISION = ? (+1, -0.33)

A. VGNGXKUQKP

B. VGNGXKUKPQ

C. VGNGXKUKQP

D. VGNGXKUPQK

a. D

b. B

c. A

d. C

84. Read the given statement carefully and answer the question.

(+1, -0.33)

The Indian telecom regulator has ordered all companies to provide voluntary compensation of Rs 1 to their consumers, with a cap of three per day for every call drop on their network.

Which of the following is true according to the given statement?

A. Compensation is automatically payable by the network operator.

B. Consumers should get a compensation of Rs 1 for all call drops.

C. Customers cannot claim call drop compensation.

D. This rule is not binding on network operators.

a. B

b. D

c. C

d. A

85. 4 out of 5 cricketers have played 13, 9, 5, 11 innings respectively. If the mean of the data set is 9, then the number of innings played by the 5th player is (+1, -0.33)

A. 9

B. 8

C. 7

D. 6

a. C

b. D

c. B

d. A

86. A man starts his journey at 8.00 am at a speed of 8 km/h and reaches the destination 24 km away. What time does it reach the destination? (+1, -0.33)

A. 12.00 pm

B. 11.00 am

C. 12.00 am

D. 11.00 pm

a. C

b. A

c. D

d. B

87. The ratio of science and arts students is 5 : 3. If their total number is 1,328, find the number of art students. (+1, -0.33)

A. 830

B. 664

C. 498

D. 580

a. A

b. C

c. B

d. D

88. $(2 \times 4^3 \times 3^2) / (3 \times 16) = ?$ (+1, -0.33)

A. 24

B. 8

C. 12

D. 16

a. C

b. A

c. B

d. D

89. Who is known as the 'Father of White Revolution' in India? (+1, -0.33)

- a. Tatyasaheb Kore
- b. Kurien Chacko
- c. Varghese Kurien
- d. Vishwas Nangare Patil

90. Indian Railways has introduced biodiesel locomotives in its _____ (zone). (+1, -0.33)

- A. Southern Railway
- B. South Western Railway
- C. South Central Railway
- D. South Eastern Railway

- a. D
- b. A
- c. B
- d. C

91. Since a student's marks were mistakenly typed 86 instead of 68, the mean of the class increased by $\frac{1}{2}$. What is the total number of students. (+1, -0.33)

- A. 34
- B. 36

C. 38

D. 40

a. B

b. A

c. C

d. D

92. _____ facilitates short-range wireless connectivity. (+1, -0.33)

A. Modem

B. Firewall

C. Bluetooth

D. Set-Top box

a. D

b. A

c. B

d. C

93. In which quadrant is the point $(-4, -3)$ located? (+1, -0.33)

A. I

B. II

C. III

D. IV

a. A

b. B

c. D

d. C

94. What is the name of the Indian soldier who survived an avalanche at Siachen Glacier in February 2016, but later died in hospital due to serious injuries? (+1, -0.33)

A. B. Sudhish

B. M. Goswami

C. H. Kopped

D. Sudhakar Singh

a. B

b. D

c. C

d. A

95. If 5 men can do a work in 9 days, then in how many days will 3 men finish the same work? (+1, -0.33)

A. 12

B. 15

C. 13

D. 18

a. B

b. A

c. C

d. D

96. Find the sum of the prime numbers between 50 and 80.

(+1, -0.33)

A. 392

B. 390

C. 463

D. 396

a. B

b. D

c. C

d. A

97. **Direction:** The following table shows the distance (in km) traveled by four tourist buses 1, 2, 3 and 4 from Friday to Tuesday towards their destination.

(+1, -0.33)

	Friday	Saturday	Sunday	Monday	Tuesday
1	450	500	490	510	700
2	500	500	550	600	400
3	475	500	525	600	700
4	500	550	600	600	500

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

Which bus averaged the lowest in all five days?

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

- a. D
- b. B
- c. C
- d. A

98. **Direction:** The following table shows the distance (in km) traveled by four tourist buses 1, 2, 3 and 4 from Friday to Tuesday towards their

(+1, -0.33)

destination.

	Friday	Saturday	Sunday	Monday	Tuesday
1	450	500	490	510	700
2	500	500	550	600	400
3	475	500	525	600	700
4	500	550	600	600	500

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

Which bus has seen a gradual increase in the distance covered from Friday to Tuesday?

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

- a. D
- b. B
- c. A
- d. C

99. **Direction:** The following table shows the distance (in km) traveled by four tourist buses 1, 2, 3 and 4 from Friday to Tuesday towards their destination. (+1, -0.33)

	Friday	Saturday	Sunday	Monday	Tuesday
1	450	500	490	510	700
2	500	500	550	600	400
3	475	500	525	600	700
4	500	550	600	600	500

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

On which day was the total distance covered by the four buses the maximum?

- A. Sunday
- B. Saturday
- C. Monday
- D. Tuesday

- a. A
- b. C
- c. B

d. D

100. Where did the Portuguese explorer Vasco de Gama first land in India by sea? (+1, -0.33)

- A. Kappad, Kerala
- B. Alibaug, Maharashtra
- C. Miramar, Goa
- D. Mandvi, Gujarat

- a. B
- b. C
- c. A
- d. D

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