



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 (18-Apr-2016) (Shift 2)

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.

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Test

1. Choose the pair from the given alternatives that are related to each other like the words of the first pair. (+1, -0.33)

Moth : Insect :: Mouse : _ _ _ _

A. Rodent

B. Cat

C. Mole

D. Rat

a. A

b. D

c. B

d. C

2. Rearrange the unordered letters in their natural order and choose the odd one. (+1, -0.33)

A. UNPE

B. ILOLSGNH

C. OHALPB

D. ENANCIH

a. D

b. B

c. C

d. A

3. What is the unit of measurement of sound?

(+1, -0.33)

A. Newton

B. Decibel

C. Sones

D. Phons

a. B

b. A

c. D

d. C

4. The mean of a distribution is 10 and the standard deviation is 5. What is the value of variance coefficient? (+1, -0.33)

A. 50%

B. 100%

C. 150%

D. 200%

a. D

b. A

c. B

d. C

5. The mean of 15 observations is 14. Three more observations are included (+1, -0.33) and the new mean becomes 13. The mean of three new observations is:

A. 6

B. 7

C. 8

D. 11

a. C

b. D

c. A

d. B

6. What is the expansion of WWW in relation to computers? (+1, -0.33)

A. World Wide Web

B. Web Wide World

C. Whole World Web

D. Wide Word Web

a. B

b. C

c. A

d. D

7. In which a convex mirror is used?

(+1, -0.33)

A. Rear View mirrors in vehicles

B. Glass windows

C. Makeup Mirror

D. Kaleidoscope

a. A

b. C

c. B

d. D

8. If 'P' represents '+', 'Q' represents '-', 'R' represents '×' and 'S' represents '÷', then the value of $10 Q 5 R 27 S 9 P 10$ would be:

(+1, -0.33)

A. 10

B. 15

C. 5

D. 1

a. A

b. D

c. C

d. B

-
9. Ritesh bought an old bike, the bike price increases by 50% after passing through three owners. If the first and second owners get 10% and 30% respectively, then find the % profit earned by the third owner. (+1, -0.33)

A. 8%

B. 11%

C. 4.9%

D. 6.9%

a. A

b. C

c. D

d. B

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10. If in a certain code language LEADER is written as OBADHO. How will be the word STABLE be written in that code language? (+1, -0.33)

A. BYDIWV

B. BYIDWV

C. BIYDWV

D. BIDYWV

a. C

b. A

c. B

d. D

-
11. Suman, Sakshi, and Mayank form a partnership. Suman invests 5 times that of Sakshi and Sakshi invests $\frac{3}{5}$ of Mayank's investment. The total profit earned at the end of the year was Rs. 23,000. Find the share of Sakshi. (+1, -0.33)

A. Rs. 5,000

B. Rs. 3,000

C. Rs. 4,000

D. Rs. 45,000

a. A

b. C

c. D

d. B

-
12. If the ratio of two supplementary angles is 13 : 5, then find the difference between the two. (+1, -0.33)

A. 60°

B. 70°

C. 80°

D. 120°

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

13. Which of the following is called 'Black Beauty'?

(+1, -0.33)

- A. Crow's name in Panchatantra
- B. Petrol in raw form
- C. Another name for Rapunzel
- D. A coal-coloured stone from Mars

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

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14. Goa was a _____ state immediately after India's independence.

(+1, -0.33)

- A. Indian
- B. Portuguese
- C. Dutch
- D. British

- a. A

b. B

c. D

d. C

15. Which of the following lake is Saline soda lake, which was formed in the Buldhana district due to the impact of meteorite? (+1, -0.33)

A. Lonar Lake

B. Nakuru Lake

C. Shala Lake

D. Mono Lake

a. D

b. C

c. B

d. A

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16. If the standard deviation of a population is 8, what will be its variance (+1, -0.33)

?

A. 64

B. 16

C. 32

D. 24

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

17. If $(x^2 - 4x + 1) = 0$, then find the value of $\frac{x^3 + \frac{1}{x^3}}{x^2 + \frac{1}{x^2}}$. (+1, -0.33)

- A. $26/7$
- B. $13/7$
- C. $6/7$
- D. $33/7$
- a. D
- b. A
- c. B
- d. C

18. _____ replaced Steve Ballmer as CEO of Microsoft. (+1, -0.33)

- A. J. W. Thompson
- B. Satya Nadella
- C. Amy Hood
- D. Bill Gates
- a. B

b. C

c. A

d. D

19. Find the total prime factors in the product of $\{ (8)^{10} \times (9)^7 \times 7^8 \}$. (+1, -0.33)

A. 45

B. 54

C. 52

D. 65

a. B

b. A

c. D

d. C

20. The ratio of three numbers is $2 : 3 : 6$ and their HCF is 45. Find the sum of these numbers. (+1, -0.33)

A. 405

B. 455

C. 495

D. 525

a. B

b. A

c. C

d. D

21. Which Indian city is also known as 'Pink City'?

(+1, -0.33)

A. Jaipur

B. Jodhpur

C. Jabalpur

D. Sholapur

a. C

b. D

c. A

d. B

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22. From which country did Bangladesh get independence?

(+1, -0.33)

A. India

B. UK

C. Pakistan

D. Burma

a. B

b. C

c. A

d. D

23. Consider the following statements and choose the correct option: (+1, -0.33)

1. Two straight lines can intersect each other at more than one point.

2. The sides of one angle are respectively parallel to the sides of the other angle, so both angles are either equal or supplementary.

A. Both 1 and 2 are incorrect.

B. Both 1 and 2 are correct.

C. 1 is incorrect and 2 is correct!

D. 1 is correct and 2 is incorrect.

a. D

b. B

c. A

d. C

24. $[(1.93 \times 19.3 - 2.07 \times 20.7) / (19.3 - 20.7)]$ is equal to: (+1, -0.33)

A. 0.4

B. 4.00

C. 40

D. 0.04

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

25. Some statements and its two conclusions 1 and 2 are given. You have to consider the statements to be true even if they seem to be at variance from commonly known facts. (+1, -0.33)

Statement:

All mangoes are golden colored.

No golden thing is cheap.

Conclusion:

- 1. All mangoes are cheap.
- 2. Golden colored mangoes are not cheap.

Decide which of the following options given below logically follows the given statements.

- A. Both conclusions 1 and 2 follow.
- B. Neither conclusion 1 nor conclusion 2 follows.
- C. Only conclusion 1 follows
- D. Only conclusion 2 follows

- a. B
- b. C

c. A

d. D

26. Rearrange the disordered letters in their natural order and choose the odd one. (+1, -0.33)

A. OLENV

B. EISTSH

C. AGZEANIM

D. TCAYRIDION

a. D

b. B

c. C

d. A

27. Study the following table carefully and answer the questions based on these. (+1, -0.33)

The following table shows the result of the football competition.

The teams played and participated were Delhi, Mumbai and Chennai on the basis of 'match round robin' (each team plays once against each other). Some data are not given in the table.

State	Played matches	win	Draw	Lose	Scored goals	गोल खाए
Delhi	2		1		2	4
Mumbai	2				3	7
Chennai	2					1

How many goals did Chennai score?

- A. 1
- B. 7
- C. 3
- D. 5
- a. C
- b. A
- c. B
- d. D

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28. Study the following table carefully and answer the questions based on these. (+1, -0.33)

The following table shows the result of the football competition.

The teams played and participated were Delhi, Mumbai and Chennai on the basis of 'match round robin' (each team plays once against each

other). Some data are not given in the table.

State	Played matches	win	Draw	Lose	Scored goals	गोल खाए
Delhi	2		1		2	4
Mumbai	2				3	7
Chennai	2					1

What was the score of Mumbai in the Mumbai-Chennai match?

- A. 1 - 6
- B. 2 - 5
- C. 1 - 5
- D. 1 - 4

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

29. Study the following table carefully and answer the questions based on these. (+1, -0.33)

The following table shows the result of the football competition.

The teams played and participated were Delhi, Mumbai and Chennai on the basis of 'match round robin' (each team plays once against each other). Some data are not given in the table.

State	Played matches	win	Draw	Lose	Scored goals	गोल खाए
Delhi	2		1		2	4
Mumbai	2				3	7
Chennai	2					1

How many matches did the Mumbai team lose?

- A. 0 or 1
- B. 2
- C. 0
- D. 1

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

30. Of the given three numbers, the second number is thrice the first and (+1, -0.33) double the third. If the average of all three numbers is 77, find the value of

the second number.

A. 126

B. 145

C. 118

D. 136

a. C

b. D

c. B

d. A

31. Sugar is a _____ in a sugar solution.

(+1, -0.33)

A. Solvent

B. Solute

C. Colloid

D. Suspension

a. B

b. D

c. C

d. A

32. P can do a work in X days. He finished $\frac{1}{6}$ of the entire work and then Q alone finished the rest in 15 days. If together they can finish half of the work in $\frac{45}{8}$ days, then find the value of X? (+1, -0.33)

A. $\frac{90}{11}$

B. 30

C. 42

D. $\frac{32}{8}$

a. B

b. D

c. C

d. A

33. What does Prism do? (+1, -0.33)

A. Reflects light.

B. It prevents light from passing through.

C. It scatters the light passing through it.

D. It refracts light from its path.

a. C

b. D

c. B

d. A

34. When is World Cancer Day celebrated?

(+1, -0.33)

- A. 4 February
- B. 5 March
- C. 12 May
- D. 23 August

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

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

(+1, -0.33)

Assertion (A): It causes death when inhaled carbon monoxide.

Reason (R): Carbon monoxide is added to hemoglobin.

choose the right option.

- A. A is correct but R is false.
- B. A is false but R is correct.
- C. Both A and R are correct and R is the proper interpretation of A.
- D. Both A and R are correct but R is not a proper interpretation of A.

- a. A
- b. C

c. D

d. B

36. Element Hafnium of the Hf symbol is named at which of the following places. (+1, -0.33)

A. Germany

B. Copenhagen

C. Sweden

D. France

a. C

b. D

c. B

d. A

37. Which of the following cricketers was NOT awarded honorary membership of MCC (Lords)? (+1, -0.33)

A. Mahendra Singh Dhoni

B. Sourav Ganguly

C. Virender Sehwag

D. Sachin Tendulkar

a. A

b. D

c. B

d. C

38. Who invented dynamite?

(+1, -0.33)

A. Alfred Nobel

B. Philippus Paracelsus

C. Louis Pasteur

D. Sir Humphrey Davy

a. A

b. D

c. B

d. C

39. One of the four words is a class to which the other three members belong. Identify the class.

(+1, -0.33)

A. Sapphire

B. Ruby

C. Penna

D. Ratna

a. A

b. B

c. D

d. C

40. When was the Supreme Court of India established? (+1, -0.33)

A. 1947

B. 1950

C. 1951

D. 1952

a. C

b. B

c. A

d. D

41. Who formed the Deshbandhu new youth association? (+1, -0.33)

A. Lakshmi Sahgal

B. N. G. Ranga

C. Kanneganti Hanumanthu

D. Tirupur Kumaran

a. B

b. A

c. C

d. D

42. Find the simple interest rate at which a sum of money becomes five times at simple interest in 10 years. (+1, -0.33)

A. 40%

B. 35%

C. 25%

D. 50%

a. B

b. D

c. A

d. C

43. Which part of the body is related to purification of blood? (+1, -0.33)

A. heart

B. Gall bladder

C. Kidney

D. Spline

a. D

b. B

c. A

d. C

44. Which is the first airport in the world to be fully powered by solar energy? (+1, -0.33)

- A. Cochin International Airport
- B. Chhatrapati Shivaji International Airport
- C. Dubai International Airport
- D. Kansai International Airport

a. D

b. C

c. B

d. A

45. If $3^x = 4^y = 12^{-z}$, find the value of $\frac{3}{x} + \frac{3}{y} + \frac{3}{z}$. (+1, -0.33)

A. 1

B. 6

C. 4

D. 0

a. D

b. B

c. C

d. A

46. The following questions are based on the information given below: (+1, -0.33)

All the 3200 students of a college in a city know at least one of the three languages English, Telugu and Hindi. 2400 know English, 1700 know Telugu, 800 know Hindi, 1000 know English and Telugu, 500 speak English and Hindi, 300 speak Telugu and Hindi and only 100 know all three languages.

How many know only one of the three languages?

A. 1600

B. 900

C. 300

D. 100

a. D

b. C

c. A

d. B

47. The following questions are based on the information given below: (+1, -0.33)

All the 3200 students of a college in a city know at least one of the three languages English, Telugu and Hindi. 2400 know English, 1700 know Telugu, 800 know Hindi, 1000 know English and Telugu, 500 speak English and Hindi, 300 speak Telugu and Hindi and only 100 know all three languages.

How many know only Hindi?

A. 200

B. 400

C. 100

D. 800

a. B

b. D

c. A

d. C

48. The following questions are based on the information given below: (+1, -0.33)

All the 3200 students of a college in a city know at least one of the three languages English, Telugu and Hindi. 2400 know English, 1700 know Telugu, 800 know Hindi, 1000 know English and Telugu, 500 speak English and Hindi, 300 speak Telugu and Hindi and only 100 know all three languages.

How many do not know any of the three languages?

A. 0

B. 1

C. 10

D. 15

a. D

b. C

c. A

d. B

49. If $9\cos A + 12\sin A = 15$, find the value of $\cot A$.

(+1, -0.33)

A. $3/4$

B. $12/13$

C. $1/3$

D. $3/5$

a. A

b. D

c. B

d. C

50. Who among the following is an American golfer?

(+1, -0.33)

A. Tiger woods

B. Daniel Brooks

C. Scott Henderson

D. Nick Flanagan

a. B

b. A

c. C

d. D

51. The HCF of two numbers is 23 and their LCM is 1035. If one of them is 207 and the other is X, find $X/23$. (+1, -0.33)

A. 15

B. 7

C. 5

D. 9

a. C

b. D

c. B

d. A

52. If 'Delicious' is related to 'Taste', similarly 'Melodious' is related to _____. (+1, -0.33)

A. Speak

B. Highness

C. Voice

D. Tongue

a. C

b. A

c. D

d. B

53. The difference between age of Sunita and Sheela is 12 years. If 9 years ago, elder's age was 4 times of younger's age, then what are their present age? (+1, -0.33)

- A. 11 and 23
- B. 15 and 27
- C. 13 and 25
- D. 23 and 35

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

54. The three joggers run from place X to place Y in a ratio of 10 : 3 : 20. The ratio of time of arrival of these joggers to the destination will be (+1, -0.33)

- A. 20 : 3 : 10
- B. 3 : 6 : 20
- C. 6 : 20 : 3
- D. 6 : 3 : 20

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

55. Based on the symmetry given, find the given number from the given alternatives. (+1, -0.33)

1 : 1 :: 25 : __

- A. 225
 - B. 135
 - C. 625
 - D. 26
- a. A
- b. D
- c. B
- d. C

56. Cristiano Ronaldo, the football player represents which country? (+1, -0.33)

- A. Brazil
- B. Argentina
- C. Portugal
- D. England
- a. D
- b. A
- c. B
- d. C

57. An Assertion (A) and a Reason (R) are given below. (+1, -0.33)

Assertion (A): Most ancient civilizations developed near rivers.

Reason (R): Man's main occupation was agriculture.

choose the right option.

A. A is correct but R is false.

B. A is false but R is correct.

C. Both A and R are correct and R is the appropriate explanation of A.

D. Both A and R are correct but R is not an appropriate explanation of A.

a. C

b. D

c. B

d. A

58. Study the following information carefully and answer the questions given below it. (+1, -0.33)

There are six generations in a family although there are a total of five members in the family. The names of the family members are Aditya, Bawan, Charu, Deepa and Varun.

The following comments are given about them.

Charu is the only unmarried child whose grandparents have passed away. Deepa is a widow who is the daughter of widower Varun. No member of the family is an adopted son or adopted daughter. There is

only one member of the family in a generation. Each couple has only one child and there were no siblings in the first generation.

If Charu's grandfather had been alive, he would surely have been a member of which generation?

- A. Third
- B. Second
- C. Last to second
- D. Last to first

a. A

b. D

c. C

d. B

59. Study the following information carefully and answer the questions given below it. (+1, -0.33)

There are six generations in a family although there are a total of five members in the family. The names of the family members are Aditya, Bawan, Charu, Deepa and Varun.

The following comments are given about them.

Charu is the only unmarried child whose grandparents have passed away. Deepa is a widow who is the daughter of widower Varun. No member of the family is an adopted son or adopted daughter. There is only one member of the family in a generation. Each couple has only one child and there were no siblings in the first generation.

If Aditya is the father of Charu and grandson of Bawan, then how many possible combinations exist in the family?

- A. 1
 - B. 2
 - C. 3
 - D. 4
-
- a. D
 - b. A
 - c. C
 - d. B

60. Study the following information carefully and answer the questions given below it. (+1, -0.33)

There are six generations in a family although there are a total of five members in the family. The names of the family members are Aditya, Bawan, Charu, Deepa and Varun.

The following comments are given about them.

Charu is the only unmarried child whose grandparents have passed away. Deepa is a widow who is the daughter of widower Varun. No member of the family is an adopted son or adopted daughter. There is only one member of the family in a generation. Each couple has only one child and there were no siblings in the first generation.

If Aditya is the grandson of Bawan, then who is the member before the last generation?

- A. Varun

B. Deepa

C. Charu

D. Aditya

a. B

b. A

c. D

d. C

61. Even after giving 40% discount on marked price, one jacket sold for Rs. 600 at 20% profit. If it is sold at marked price, what will be the percentage profit? (+1, -0.33)

A. 50%

B. 75%

C. 100%

D. 425%

a. B

b. C

c. A

d. D

62. In what ratio should 30% potassium nitrate solution be mixed with 60% potassium nitrate solution to get result as 40% potassium nitrate in the (+1, -0.33)

solution?

- A. 2 : 1
 - B. 3 : 1
 - C. 1 : 3
 - D. 4 : 5
-
- a. A
 - b. C
 - c. D
 - d. B

63. Which is the largest pyramid of Egypt? (+1, -0.33)

- A. Pyramid of Khafre
 - B. Pyramid of Menkaure
 - C. Pyramid of Khufu
 - D. Pyramid of Djedefre
-
- a. D
 - b. B
 - c. C
 - d. A

64. Based on the given symmetry, find out the given word from the given alternatives. (+1, -0.33)

Palam : Delhi :: Dum Dum : _____

- A. Hyderabad
- B. Chennai
- C. Mumbai
- D. Kolkata

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

65. Speaker of Lok Sabha Sumitra Mahajan represents which constituency? (+1, -0.33)

- A. Amethi
- B. Varanasi
- C. Indore
- D. Patna

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

66. Which part of a computer is called a nerve centre? (+1, -0.33)

- A. Software
- B. Hardware
- C. Control unit
- D. Programs

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

67. Choose one of the following options that are different: (+1, -0.33)

- A. Auto
- B. Car
- C. Van
- D. Taxi

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

68. In a certain code language, BEND is written as 7@4# and NIGHT is written as 4\$%89. How to write DEBT in the same code language? (+1, -0.33)

A. #@78

B. #@79

C. \$@78

D. @\$79

a. C

b. D

c. B

d. A

69. Density of water is _____. (+1, -0.33)

a. 500 kg/m^3

b. 1000 kg/m^3

c. 1500 kg/m^3

d. 2000 kg/m^3

70. If + means ' $\times$ ', ' $\times$ ' means ' $\div$ ', ' $\div$ ' means '-' and '-' means '+', then what will be the value of the following expression? (+1, -0.33)

$$15 + 16 \times 16 \div 15$$

A. 10

- B. 5
- C. 1
- D. 0
- a. C
- b. D
- c. B
- d. A

71. A completes $\frac{2}{5}$ of a work in X days. Then he calls B and they together finish the remaining work in 6 days. If B alone takes $\frac{100}{6}$ days, find the value of X. (+1, -0.33)

- A. 10 days
- B. $\frac{50}{3}$ days
- C. 20 days
- D. 40 days
- a. B
- b. C
- c. A
- d. D

72. If 'wall' is called 'window', 'window' is called 'door', 'door' is called 'floor', 'floor' is called 'roof' and 'roof' is called 'Ventilator'. So where will someone (+1, -0.33)

stand?

A. Roof

B. Window

C. Wall

D. flooring

a. D

b. B

c. C

d. A

73. Who proposed heredity rules?

(+1, -0.33)

A. Thomas Robert Malthus

B. John Maynard keynes

C. Gregor Mendel

D. Donald Baer

a. A

b. D

c. C

d. B

74. Name the 'Celluloid Man' of the Indian film industry, who has died recently? (+1, -0.33)

- A. David Bowie
- B. P. K. Nair
- C. Ravindra Jain
- D. Saroop Parinda

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

75. In which of the following devices, a gyroscope is used? (+1, -0.33)

- A. Computer keyboard
- B. Computer mouse
- C. Telephone
- D. Television

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

76. Which of these numbers is divisible by 11?

(+1, -0.33)

- A. 45336787
- B. 44469542
- C. 49231754
- D. 56433257

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

77. Which king of Bengal was defeated by Bakhtiyar Khilji in the 13th century?

(+1, -0.33)

- A. Mahipal
- B. Lakshmanasen
- C. Shashank
- D. Grihavarman

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

78. If the ratio of the angles of a triangle is $2 : 3 : 7$, find the ratio of the sum of the largest angle and the smallest angle to the smallest angle. (+1, -0.33)

- A. $8 : 1$
 - B. $2 : 3$
 - C. $9 : 2$
 - D. $3 : 5$
- a. C
- b. B
- c. D
- d. A

79. If Mayank doubles the selling price of an item, the profit becomes 4 times. (+1, -0.33)
Find the original profit percent (before increasing the selling price)

- A. 50%
 - B. 100%
 - C. 125%
 - D. 25%
- a. A
- b. B
- c. C
- d. D

80. Which of the following organisms belongs to the Mollusca family? (+1, -0.33)

- A. Cockroaches
- B. Snail
- C. Earthworm
- D. Starfish

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

81. Choose the correct factor of $f(x) = 2x^2 - 5x + 2$ (+1, -0.33)

- A. $x - 2$
- B. $x - 3$
- C. $x - 4$
- D. $x - 5$

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

82. Which states were ruled by the earlier Chera dynasty? (+1, -0.33)

- A. Tamil Nadu and Kerala
- B. Bengal and Orissa
- C. Arunachal Pradesh and Sikkim
- D. Maharashtra and Gujarat

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

83. Who is the author of the book 'Making India awesome'? (+1, -0.33)

- A. Arundhati Roy
- B. Kailash Satyarthi
- C. Sachin Garg
- D. Chetan Bhagat

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

84. Who is the author of the book 'Straight Drive'? (+1, -0.33)

- A. Kapil Dev
- B. Sunil Gavaskar
- C. Prakash Padukone
- D. Vishwanathan Anand

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

85. Where is Netrani island located? (+1, -0.33)

- A. Kerala
- B. Andaman and Nicobar
- C. Karnataka
- D. Goa

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

86. Who was the first Chinese woman to visit space? (+1, -0.33)

- A. Wang Yaping

- B. Yi So-yeon
- C. Liu Yang
- D. Yelena Serova

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

87. Calculate the principal if a sum of money becomes Rs.1200 in 4 years and Rs.1500 in 7 years at simple interest. (+1, -0.33)

- A. Rs.800
- B. Rs.600
- C. Rs.900
- D. Rs.200

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

88. An Assertion (A) and a Reason (R) are given below. (+1, -0.33)

Assertion (A): A person with O blood group is considered a universal recipient.

Reason (R): O type of blood has no antigens.

Choose the right option.

- A. A is correct but R is wrong.
- B. A is wrong but R is correct.
- C. Both A and R are correct and R is the correct explanation of A.
- D. Both A and R are correct but R is not an appropriate explanation of A.

a. B

b. A

c. D

d. C

-
89. A bus covers some distance at a certain speed. If a person covers one-third of that distance in triple time, then the ratio of the speed of the person to the speed of the bus is: (+1, -0.33)

A. 1 : 3

B. 3 : 1

C. 1 : 9

D. 9 : 1

a. B

b. D

c. A

d. C

90. The Chennakesva temple was built during which of the following empires? (+1, -0.33)

- A. Hoysal
- B. Yadavas
- C. Cholas
- D. Pala

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

91. Deficiency of which vitamin causes scurvy disease? (+1, -0.33)

- a. Vitamin A
- b. Vitamin B6
- c. Vitamin K
- d. Vitamin C

92. What is dry ice? (+1, -0.33)

- A. Dried Ice
- B. Frozen snow in the desert
- C. Solid form of carbon dioxide

D. Solid form of hydrogen peroxide

a. D

b. C

c. A

d. B

93. Based on the given symmetry, find the matching pair from the given alternatives. (+1, -0.33)

27 : 9

A. 125 : 5

B. 135 : 15

C. 64 : 8

D. 729 : 81

a. A

b. D

c. B

d. C

94. If 'L' means ' $\times$ ', 'M' means '+', 'N' means '-', 'P' means ' $\div$ ' then what will be the value of 44 M 64 N 60 P 15 L 4? (+1, -0.33)

A. 13

B. 82

C. 72

D. 92

a. C

b. A

c. D

d. B

95. If $A + B = 2C$ and $C + D = 2A$ then

(+1, -0.33)

A. $A + C = 2D$

B. $A + C = B + D$

C. $A + C = 2B$

D. $A + D = B + C$

a. D

b. B

c. A

d. C

96. Which of the following is used to melt ice?

(+1, -0.33)

A. Salt

B. Hydrogen

C. Caustic Soda

D. citric acid

a. C

b. A

c. D

d. B

97. What does MIPS stands for in computer terminology? (+1, -0.33)

A. Marginal Input Storage

B. Million Instruction per Second

C. Micro Information Processing Storage

D. Memory Image Processing State

a. C

b. A

c. B

d. D

98. In a certain code language, CHAIR is written as $\$*1\div 8$ and HIDE is written as $*\div 35$. How would DEAR be written in that code language? (+1, -0.33)

A. 3851

B. 5318

C. 3518

D. 5381

a. C

b. B

c. D

d. A

99. The length of the shadow of a pillar is reduced to 24 m, when the angle of elevation of the Sun increases from 30° to 60° , the length of the pillar is: (+1, -0.33)

A. $10\sqrt{3}$

B. $8\sqrt{3}$

C. $16\sqrt{3}$

D. $12\sqrt{3}$

a. B

b. A

c. C

d. D

100. The ratio of girls and boys among 504 students of a school is 11 : 13. If 12 more girls are given admission, the new ratio will be: (+1, -0.33)

A. 3 : 51

B. 9 : 8

C. 81 : 91

D. 51 : 31

a. D

b. A

c. C

d. B

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