



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 (28-Apr-2016) (Shift 3)

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. If '+' means 'x', '-' means '÷', 'x' means '+' and '÷' means '-' then what will be the value of $512 - 8 + 5 \div 73 \times 92$? (+1, -0.33)

A. 339
B. 395
C. 401
D. 490

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

2. It takes 15 minutes to fill an oil tank. However the oil tank is being emptied through an exhaust pipe, which can empty it in 30 minutes. If this exhaust pipe remains open, how long will it take to fill this tank completely? (+1, -0.33)

A. 20 minutes
B. 25 minutes
C. 30 minutes
D. 40 minutes

a. B
b. D
c. A

d. C

3. What is the name given to the peak conquered by Indian climbers in the Spiti Valley of Himachal Pradesh in 2015? (+1, -0.33)

A. Mount Gandhi

B. Mount Kalam

C. Mount Modi

D. Mount Indira

a. B

b. C

c. A

d. D

4. Rahul invested X rupees for 3 years at a rate of y% interest. Shyam invested the same amount at the same rate for 12 years. Find the ratio of simple interest earned by Rahul to simple interest earned by Shyam. (+1, -0.33)

A. 1 : 3

B. 1 : 4

C. 2 : 3

D. 4 : 1

a. A

b. B

c. D

d. C

5. In which of the following countries, the Indus River does not flow? (+1, -0.33)

A. India

B. Pakistan

C. China

D. Afghanistan

a. D

b. C

c. A

d. B

6. What is the mean of the following distribution? (+1, -0.33)

21, 23, 43, 65, 76, 23, 98, 34, 62, 89

A. 51.4

B. 53.4

C. 58.7

D. 55.3

a. A

b. D

c. B

d. C

-
7. In the following question two statements and some of their conclusions are given as alternatives. You have to consider the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions basically follows the given two statements irrespective of the commonly known facts. (+1, -0.33)

Statement:

1. Some pens are cats

2. All cats are buses

Conclusions:

A. All buses are cats

B. Some buses are cats

C. No bus is pen

D. All buses are pens

a. C

b. D

c. A

d. B

-
8. How many valence electrons does an oxygen atom have? (+1, -0.33)

- A. 2
- B. 6
- C. 8
- D. 16
- a. A
- b. D
- c. C
- d. B

9. What is the process of creating a better adapted environment for organisms to live and grow more? (+1, -0.33)

- A. Natural Selection
- B. Mutation
- C. Recombination
- D. Non-Random Mating
- a. D
- b. C
- c. A
- d. B

10. A train running at a speed of 126 km/h crosses a car running at a speed of 72 km/h in 40 seconds when both are running in the same direction. What (+1, -0.33)

will be the length of the train in meters?

- A. 500 meters
- B. 600 meters
- C. 900 meters
- D. 450 meters

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

11. Where is Urea Produced?

(+1, -0.33)

- A. Pancreas
- B. Liver
- C. Small Intestine
- D. Kidney

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

12. Which of the following places has been approved by the Ministry of Civil Aviation in November 2015 to establish a second airport in the National Capital Region? (+1, -0.33)

- A. Jewar
- B. Bhiwadi
- C. Loni
- D. Rohtak

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

13. What is the value of the following expression: (+1, -0.33)

$(\cot 1^\circ \cot 2^\circ \cot 3^\circ \cot 4^\circ \cot 5^\circ \dots \cot 90^\circ)$

- A. 0
- B. 1
- C. 2
- D. $1/2$

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

d. A

-
14. Charminar was built to commemorate the eradication of which of the following widely spread disease? (+1, -0.33)

- A. Yellow Fever
- B. Plague
- C. Leprosy
- D. Cancer

a. A

b. B

c. D

d. C

-
15. **Directions:** Read the following passage and answer the questions given below: (+1, -0.33)

Out of a group of 50 persons, 18 go to work by train and 26 go to work by bus. Eight people go neither by train nor by bus.

How many people use either train or bus to go to work?

- A. 41
- B. 44
- C. 42
- D. 40

a. D

b. B

c. C

d. A

16. **Directions:** Read the following passage and answer the questions given below: (+1, -0.33)

Out of a group of 50 persons, 18 go to work by train and 26 go to work by bus. Eight people go neither by train nor by bus.

How many people use both train and bus to go to work?

A. 3

B. 2

C. 5

D. 4

a. A

b. C

c. B

d. D

17. **Directions:** Read the following passage and answer the questions given below: (+1, -0.33)

Out of a group of 50 persons, 18 go to work by train and 26 go to work by bus. Eight people go neither by train nor by bus.

The number of people going by train only is what percent of the total number of persons?

- A. 31%
 - B. 33%
 - C. 32%
 - D. 36%
-
- a. D
 - b. B
 - c. C
 - d. A

-
18. What is one of these social theories that tries to understand why society works by focusing on the relations between different social institutions that society should be built? (+1, -0.33)
- A. Structural Functionalism
 - B. Symbolic Interaction
 - C. Conflicts
 - D. Positivism
-
- a. C
 - b. B
 - c. D
 - d. A
-

19. Find the HCF of 72, 108 and 180. (+1, -0.33)

A. 72

B. 24

C. 12

D. 36

a. D

b. B

c. C

d. A

20. There is also a global heritage site. (+1, -0.33)

A. Kanha National Park

B. Vedathangal Bird Sanctuary

C. Keoladeo National Park

D. Ranganathittu Bird Sanctuary

a. D

b. A

c. B

d. C

21. The minimum reactive elements of the periodic table are: (+1, -0.33)

A. Transition Metals

B. Alkaline Earth Metal

C. Noble Gases

D. Alkaline Metal

a. D

b. C

c. B

d. A

22. A shopkeeper sells sugar at the rate of Rs. 19 per kg and loses 5%. How many rupees per kg should he sell sugar to earn a profit of 10%? (+1, -0.33)

A. Rs. 20

B. Rs. 21

C. Rs. 22

D. Rs. 23

a. B

b. C

c. D

d. A

23. If SHELF is coded as 20 - 7 - 6 - 11 - 7, what will be the code for LEAVES? (+1, -0.33)

A. 13 - 4 - 2 - 21 - 6 - 18

B. 13 - 6 - 2 - 21 - 6 - 20

C. 11 - 6 - 1 - 21 - 6 - 20

D. 11 - 6 - 1 - 23 - 4 - 18

a. B

b. D

c. C

d. A

24. If POLICE is coded with QLMRDV, what will be the code for HOSPITAL? (+1, -0.33)

A. IPTQJUBM

B. SLHKRGZO

C. INTOJSBK

D. ILTKJGBO

a. B

b. A

c. C

d. D

25. Which Article of the Indian Constitution describes the provisions related to financial emergency? (+1, -0.33)

A. Article 148

B. Article 143

C. Article 360

D. Article 72

a. C

b. A

c. B

d. D

26. Find the missing word based on the relation between the first two words. (+1, -0.33)

CAT : KITTEN :: DONKEY : -----

A. FOAL

B. FAWN

C. CUB

D. KID

a. D

b. C

c. A

d. B

27. The ratio of two positive integers is 3 : 4. Their sum is 70. How much should be added to each integer so that their ratio becomes 5 : 6? (+1, -0.33)

A. 10

B. 20

C. 30

D. 40

a. D

b. B

c. C

d. A

28. When a stone thrown directly upwards reaches the top, it: (+1, -0.33)

A. Velocity and acceleration are zero.

B. The velocity is zero and the acceleration is about 10 m/s^2 .

C. Velocity is about 10 m/s and acceleration is zero.

D. The velocity is about 10 m/s and the acceleration remains the same.

a. C

b. D

c. B

d. A

29. In which year did the Indian men's water polo team win the gold medal at the Asian Games? (+1, -0.33)

A. 1970

B. 2010

C. 1951

D. 1982

a. B

b. D

c. C

d. A

30. A team wins 45 games, which was 60% of the games played. How many games did the team play? (+1, -0.33)

A. 50 games

B. 75 games

C. 60 games

D. 65 games

a. D

b. C

c. B

d. A

31. If $\sin A = \frac{1}{\sqrt{2}}$ and $\cos B = \frac{\sqrt{3}}{2}$, then, find the value of $(A + B)^\circ$. (+1, -0.33)

A. 60°

B. 75°

C. 105°

D. 90°

a. C

b. A

c. D

d. B

32. Who among the following has been appointed as Ethics Officer of BCCI? (+1, -0.33)

A. Judge AP Shah

B. Judge NC Verma

C. Judge AP Sharma

D. Judge NC Pandove

a. C

b. A

c. D

d. B

33. Which of the following is an acute viral disease of animals, which is spread in humans by the bite of an infected animal? (+1, -0.33)

A. Hemophilia

B. Cancer

C. Rabies

D. Mumps

a. B

b. C

c. D

d. A

34. Find the LCM of 60, 120 and 225. (+1, -0.33)

A. 360

B. 1800

C. 600

D. 900

a. A

b. D

c. C

d. B

35. **Instructions:** Read the information given below and answer the questions given below: (+1, -0.33)

Nutrition information of three products of a company is given below.

Nutrition information			
	Product almonds (Per 100 grams)	Product nut (Per 100 grams)	Product raisins (Per 100 grams)
Protein (Gram)	12.2	5.7	6.1
Carbohydrate (Gram)	46.6	64.7	65.1
Fat (Gram)	37.5	26.4	21.7
Fiber (Gram)	5.4	1.4	2.9
Sodium (gram)	96	111	110

What is the percentage of sodium, fiber in the product almonds ?

- A. 1.78%
- B. 1777.7%
- C. 1.5%
- D. 1532.7%

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

36. **Instructions:** Read the information given below and answer the questions (+1, -0.33) given below:

Nutrition information of three products of a company is given below.



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Nutrition information			
	Product almonds (Per 100 grams)	Product nut (Per 100 grams)	Product raisins (Per 100 grams)
Protein (Gram)	12.2	5.7	6.1
Carbohydrate (Gram)	46.6	64.7	65.1
Fat (Gram)	37.5	26.4	21.7
Fiber (Gram)	5.4	1.4	2.9
Sodium (gram)	96	111	110

Protein in the product nut is what percentage of the fat of the product raisins?

- A. 26.26%
- B. 32.36%
- C. 23.32%
- D. 62.27%

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

37. **Instructions:** Read the information given below and answer the questions (+1, -0.33) given below:

Nutrition information of three products of a company is given below.



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Nutrition information			
	Product almonds (Per 100 grams)	Product nut (Per 100 grams)	Product raisins (Per 100 grams)
Protein (Gram)	12.2	5.7	6.1
Carbohydrate (Gram)	46.6	64.7	65.1
Fat (Gram)	37.5	26.4	21.7
Fiber (Gram)	5.4	1.4	2.9
Sodium (gram)	96	111	110

What is the average carbohydrate content (in grams) in all the products?

- A. 55.8 gm
- B. 58.8 gm
- C. 57.2 gm
- D. 56.3 gm

a. C

b. D

c. B

d. A

38. Which process is used in water purification?

(+1, -0.33)

A. Osmosis

B. Reverse Osmosis

C. Cytolysis

D. Turgor pressure

a. C

b. B

c. D

d. A

prepp

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39. Below are the excerpts of a sentence. Choose the correct order of these passages to make a meaningful sentence.

(+1, -0.33)

P: Strategic interventions on building

Q: India must accelerate

R: human talent, quality, and technology

S: its productivity attainments through

A. PWRS

B. SRQP

C. PRQS

D. QSPR

a. B

b. A

c. D

d. C

40. What is the industrial standard name of the first computer virus for MS-DOS? (+1, -0.33)

A. Heart

B. Brain

C. Nerve

D. Vein

a. A

b. C

c. D

d. B

41. The metal detectors through which people pass through airports are operated by (+1, -0.33)

A. Civil laws

- B. Newton's law
- C. Faraday's law
- D. Coulomb's law

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

42. Which of the following were part of the team that invented the atomic bomb? (+1, -0.33)

- A. Alfred Nobel
- B. Julius Openheimer
- C. John Dalton
- D. Robert Bacon

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

43. A woman deposited Rs. 100 at an annual interest rate of 10%. The woman received Rs. 121 at the end of the period at the rate of compound interest. How long did he keep the money in the bank? (+1, -0.33)

- A. 1 year
- B. 2 years
- C. 2.5 years
- D. 3 years

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

44. Which two symbols need to be interchanged to correct the following equation? (+1, -0.33)

$$5 \times 36 - 9 + 31 \div 41 = 10$$

- A. $\div$ and $-$
- B. $\times$ and $+$
- C. $\div$ and $\times$
- D. $\times$ and $-$

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

45. Anil is twice as capable as Binay. If Anil can complete a work 20 days earlier than Binay, how many days will the two work together? (+1, -0.33)

- A. 11.11 days
- B. 13.33 days
- C. 13.83 days
- D. 14 days

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

46. The International Solar Alliance was launched by (+1, -0.33)

- A. Narendra Modi
- B. Nawaz Sharif
- C. Barack Obama
- D. James Cameron

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

47. What is METSAT, the first exclusive weather satellite created by ISRO? (+1, -0.33)

- A. Geosynchronous Satellite
- B. The Earth's lower orbit satellite
- C. Polar Orbit Satellite
- D. Deep Space Probe Satellite

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

48. Mother distributed some amount to her children Arvind, Binu and Chitra (+1, -0.33)
in the ratio 2 : 3 : 4. If Binu received Rs. 51, then how much was the amount
received by Chitra and Arvind, respectively?

- A. 34, 102
- B. 85, 34
- C. 68, 34
- D. 68, 136

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

49. If CLOUD is coded with XOLFW then, how would you code SUNSET? (+1, -0.33)

- A. TVOTFU
- B. HFMHVG
- C. HVMTVU
- D. TTMRVS

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

50. Where is the Space Application Center, SAC located in India? (+1, -0.33)

- A. Mumbai
- B. Ahmedabad
- C. Trivandrum
- D. Bangalore

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

51. Find which fractions in the correct ascending order?

(+1, -0.33)

A. $\frac{3}{7}$, $\frac{15}{41}$, $\frac{19}{35}$, $\frac{7}{11}$

B. $\frac{15}{41}$, $\frac{3}{7}$, $\frac{19}{35}$, $\frac{7}{11}$

C. $\frac{3}{7}$, $\frac{15}{41}$, $\frac{7}{11}$, $\frac{19}{35}$

D. $\frac{19}{35}$, $\frac{7}{11}$, $\frac{15}{41}$, $\frac{3}{7}$

a. C

b. A

c. D

d. B

52. The Prime Minister, Shri Narendra Modi, during his visit to Britain in November 2015, unveiled the statue of which Indian philosopher and reformer?

(+1, -0.33)

A. Dayanand Saraswati

B. Vinoba Bhave

C. Basaveshwar

D. Swami Vivekananda

a. A

b. D

c. C

d. B

53. What is the median of the distribution?

(+1, -0.33)

87, 21, 53, 12, 86, 98, 23, 64, 87, 23, 23, 87, 56, 12, 53

A. 55

B. 56

C. 53

D. 64

a. B

b. C

c. A

d. D

54. Who was the last ruler of the Chola dynasty?

(+1, -0.33)

a. Rajaraja Chola 3

b. Rajendra Chola 3

c. Vijayalaya Chola

d. Koluthunga Chola 3

55. The midpoints of the side of a triangle PQR are marked as D, E, and F. If the perimeter of the triangle is 480 m, what will be the perimeter of the triangle DEF?

(+1, -0.33)

A. 480 m

B. 720 m

C. 960 m

D. 240 m

a. D

b. A

c. B

d. C

-
56. Based on the statement(s) given below, select the most frequently followed conclusion(s): (+1, -0.33)

Statements:

1. Most people are enrolling their children in private schools because the standards of education there are much better than in public schools.

Conclusion:

1. Public schools should make serious efforts to improve their standard of education.

2. All public schools should be closed immediately.

A. Only conclusion 1 follows

B. Only conclusion 2 follows

C. Both conclusions 1 and 2 follow

D. Neither conclusion 1 nor conclusion 2 follows

a. D

b. C

c. B

d. A

57. A car covers the distance from Chennai to Coimbatore in 8 hours. The first half of the journey has been covered at a speed of 73 km/h and the second half at 81 km/h. What is the distance from Chennai to Coimbatore? (+1, -0.33)

A. 614.34 km

B. 600 km

C. 592 km

D. 632.65 km

a. A

b. B

c. C

d. D

58. Polio vaccine was discovered by (+1, -0.33)

A. Issac Newton

B. Marie Curie

C. Jonas Salk

D. Albert Einstein

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

59. Ritu points to the portrait of a person saying, "He is the grandfather of the only nephew of my son's wife's only unmarried brother". How is the person related to Ritu? (+1, -0.33)

- A. Husband
- B. Father
- C. Father in law
- D. Grandfather

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

60. Based on the statement(s) given below, select the most frequently followed conclusion(s): (+1, -0.33)

Statements:

1. XYZ company promotes the product and says, 'Go ahead and buy it if its price and quality are good for you to think'.

Conclusion:

1. Product quality should be good.
 2. XYZ Company is the best promotional products.
- A. Only conclusion 1 follows
- B. Only conclusion 2 follows
- C. Both conclusions 1 and 2 follow
- D. Neither 1 nor 2 follows

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

61. If '+' means '×', '-' means '÷', '×' means '+', and '÷' means '-', then what is the value of $216 \div 3 + 48 - 6 \times 21$? (+1, -0.33)

- A. 206
- B. 213
- C. 236
- D. 263

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

62. Who is the only woman to win the Nobel Prize in Science and Chemistry twice? (+1, -0.33)

- A. Dorothy Hodgkin
- B. Marie Curie
- C. Maria Mayer
- D. Ada Yonath

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

63. Find the missing word based on the relation between the first two words. (+1, -0.33)

TEMPERATURE : THERMOMETER :: SOLAR RADIATION : _____

- A. ANEMOMETER
- B. HYGROMETER
- C. THERMOPILE PYRANOMETER
- D. SPHYGMOMANAMETER

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

64. The world's first artificial satellite, the size of a beach ball of 83.6 kg, was launched by whom? (+1, -0.33)

- A. America
- B. China
- C. Soviet Union
- D. France

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

65. Find the missing word based on the relation between the first two words. (+1, -0.33)

India : Rupees :: South Africa : _____

- A. RIEL
- B. RAND
- C. SOUTH AFRICAN DOLLAR
- D. RUBLE

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

66. In the question below, two statements and some of their conclusions are given as alternatives. You have to follow both the given statements correctly, even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions basically follows the given statements, regardless of the commonly known facts. (+1, -0.33)

Statements:

1. All stars are planets
2. All planets are moons

Conclusion:

1. All moons are planets
2. Some planets are stars
3. Some moons are stars
4. All planets are stars

- A. Conclusions 1, 3 and 4 follow
- B. Conclusions 2 and 3 follow
- C. Conclusions 1, 2 and 3 follow
- D. All conclusions follow

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

67. The sum of the digits of a two digits number is 5. When the digits are reversed, the number is reduced by 9, what will be the changed number? (+1, -0.33)

A. 32

B. 23

C. 41

D. 14

a. C

b. D

c. A

d. B

68. If the standard deviation of a distribution is 4, what is the value of variance? (+1, -0.33)

A. 8

B. 9

C. 16

D. 12

a. B

b. C

c. D

d. A

69. What is the storage capacity of a double density 3.5-inch floppy disk? (+1, -0.33)

- A. 1.44 MB
- B. 1.44 GB
- C. 1.40 KB
- D. 1.40 GB

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

70. Who is the first Indian woman to swim across the English Channel? (+1, -0.33)

- A. Rashmi Sharma
- B. Rupali Rapale
- C. Aarti Saha
- D. Shikha Tandon

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

71. If there is an increase in current in a circuit with 5 ohms resistance, the voltage: (+1, -0.33)

- A. will decrease
- B. will increase
- C. will remain the same
- D. will be zero

a. A

b. C

c. B

d. D

72. Ajay says, "That woman is the grandmother of my mother's only sister-in-law's son". If Ajay's father has only one brother and Ajay's mother has no brother, how is the woman related to Ajay? (+1, -0.33)

- A. Grandma
- B. wife
- C. Granny
- D. Mother

a. B

b. A

c. D

d. C

73. Which of the following options is the solution of the given equation:- (+1, -0.33)

$$2x - 4y = 16$$

A. (8, -1)

B. (5, -5)

C. (6, -1)

D. (9, 2)

a. A

b. B

c. C

d. D

74. There are 18 girls in a class of 42 students. In the class, what is the percentage of boys out of total students? (Nearest integer value) (+1, -0.33)

A. 43%

B. 53%

C. 57%

D. 59%

a. C

b. B

c. A

d. D

75. After leaving the Indian National Congress (INC) in 1939, which of Subhash Chandra Bose formed? (+1, -0.33)

- A. Forward Bloc
- B. Swaraj Party
- C. Socialist Party
- D. Ghadar Party

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

76. When did the first Anglo-Burmese War take place? (+1, -0.33)

- A. 1892 - 1893
- B. 1885 - 1886
- C. 1824 - 1826
- D. 1852 - 1853

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

77. The Tropic of Cancer does **not** pass through which of the following states? (+1, -0.33)

- A. Rajasthan
- B. Mizoram
- C. Tripura
- D. Manipur

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

78. A square with a side of 120π cm is formed from a piece of wire. If a circle is made by turning the same wire, what will be the radius of the circle? (+1, -0.33)

- a. 30 cm
- b. 120 cm
- c. 60 cm
- d. 240 cm

79. Which of the following transactions is the best in terms of percentage profit? (+1, -0.33)

- A. Cost price = 60 rupees, profit = 29 rupees
- B. Cost price = Rs. 40, Profit = Rs. 17

C. Cost price = Rs 50, profit = Rs 21

D. Cost Price = Rs. 30, Profit = Rs. 14

a. B

b. A

c. C

d. D

80. Bihu dance is the folk dance of which Indian state? (+1, -0.33)

a. Arunachal Pradesh

b. Assam

c. Orissa

d. Haryana

81. If A = 26 and STOP = 38, then POSTMAN =? (+1, -0.33)

A. 99

B. 97

C. 91

D. 93

a. B

b. D

c. A

d. C

82. Which two symbols must be mutated to correct the following equation? (+1, -0.33)

$$63 \div 7 + 5 \times 3 - 46 = 2$$

A. $\div$ and $-$

B. $\times$ and $+$

C. $\div$ and $\times$

D. $\times$ and $-$

a. C

b. A

c. D

d. B

83. **Directions:** Read the following passage and answer the questions given below: (+1, -0.33)

Nine fans of music are sitting in a row facing north and watching classical concerts. His names are Jacob, Kinjal, Lipika, Manoj, Nita, Omkar, Padraja, Karim and Rameez.

Lipika is immediately to the right of Manoj and third to the right of Nita.

Kinjal is at the end of the line.

Karim is seated next to both Omkar and Padruja.

Omkar is immediately to the right of Jacob and third to the left of Kinjal.

Which of the following statements is correct?

- A. Nita is two seats away from Jacob
- B. Rameez is immediately to the left of Jacob
- C. Manoj and Padraja are neighbors
- D. There is only one person between Lipika and Omkar.

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

84. Directions: Read the following passage and answer the questions given below: (+1, -0.33)

Nine fans of music are sitting in a row facing north and watching classical concerts. His names are Jacob, Kinjal, Lipika, Manoj, Nita, Omkar, Padraja, Karim and Rameez.

Lipika is immediately to the right of Manoj and third to the right of Nita.

Kinjal is at the end of the line.

Karim is seated next to both Omkar and Padruja.

Omkar is immediately to the right of Jacob and third to the left of Kinjal.

If Kinjal is at one end of the line then who is at the other end?

- A. Manoj
- B. Padraja

C. Nita

D. Rameez

a. A

b. D

c. B

d. C

85. **Directions:** Read the following passage and answer the questions given below: (+1, -0.33)

Nine fans of music are sitting in a row facing north and watching classical concerts. His names are Jacob, Kinjal, Lipika, Manoj, Nita, Omkar, Padraja, Karim and Rameez.

Lipika is immediately to the right of Manoj and third to the right of Nita.

Kinjal is at the end of the line.

Karim is seated next to both Omkar and Padruja.

Omkar is immediately to the right of Jacob and third to the left of Kinjal.

Who sits in the middle of the line?

A. Lipika

B. Jacob

C. Onkar

D. Karim

a. A

b. D

c. C

d. B

86. A person sells a cooker for 2568 rupees. If he bought it for Rs. 2400, what is his profit percentage? (+1, -0.33)

A. 4%

B. 6%

C. 7%

D. 8%

a. A

b. D

c. B

d. C

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87. Calculate: (+1, -0.33)

$$5/7 + 21/31 + 52/33$$

a. 21350/7161

b. 21250/7161

c. 23250/7161

d. 21240/7161

88. Simplify:

(+1, -0.33)

$$237.43 + 7453.32 + 54.12 - 987.23$$

A. 6757.64

B. 6666.64

C. 7676.64

D. 6587.64

a. A

b. C

c. B

d. D

89. In which year was badminton officially introduced in the Olympics?

(+1, -0.33)

A. 1992

B. 1972

C. 1896

D. 1968

a. C

b. B

c. A

d. D

90. Chandu, pointing to a person, says, "He is the father of my daughter-in-law's brother's grandfather's only daughter-in-law". How is the person's son in law is related to Chandu's son? (+1, -0.33)

A. Father He is the father of my daughter-in-law's brother's grandfather's only daughter-in-law

B. father in law

C. Dada

D. uncle

a. B

b. A

c. C

d. D

91. Evalute: (+1, -0.33)

$$76567 \times 99999$$

a. 7656624333

b. 7656623433

c. 7857624333

d. 7656624423

92. Who was the last Governor General of India? (+1, -0.33)

- A. Chakravarti Rajagopalachari
- B. Warren Hastings
- C. Louis Mountbatten
- D. Edward Law

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

93. If P416 is divisible by 11, find the lowest natural value of P. (+1, -0.33)

- A. 5
- B. 6
- C. 7
- D. 9

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

94. Three of the following four words are somehow the same and one is different. Which is different from the other three? (+1, -0.33)

- A. Polaris
- B. Rigel
- C. Vega
- D. Europa

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

95. The area of a square ground is 313600 square meters.. How long will it take for a woman to cross the field diagonally (diagonally) at the rate of $4\sqrt{2}$ m/s? (+1, -0.33)

- A. 3 minutes
- B. 2 minutes 20 seconds
- C. 2 minutes 40 seconds
- D. 3 minutes 10 seconds

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

96. Based on the statement (s) given below, select the most frequently followed conclusion (s): (+1, -0.33)

Statements:

1. An advertisement says "triple your money in 6 months".

Conclusion:

1. Assurance is not genuine.

2. People want to see their wealth growing.

A. Only conclusion 1 follows

B. Only conclusion 2 follows

C. Both conclusions 1 and 2 follow

D. Neither conclusion 1 nor conclusion 2 follows

a. B

b. C

c. A

d. D

97. Which of the following temples was also called Black Pagoda by the Germanic Navinco? (+1, -0.33)

A. Konark Temple

B. Jagannath Temple

C. Brahmeshwar Temple

D. Mukteshwar Temple

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

98. Which of the following states does not follow the Sixth Schedule of the Constitution which deals with the administration and control of tribal areas? (+1, -0.33)

- A. Assam
- B. Nagaland
- C. Meghalaya
- D. Tripura

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

99. Under which branch of soil science is the study of the effect of soil on living things done? (+1, -0.33)

- A. Andrology
- B. Edaphology
- C. Agrobiology

D. Desmology

a. B

b. D

c. C

d. A

100. Which of the following statements about Bidya Devi Bhandari is true? (+1, -0.33)

A. He was nominated for the Nobel Peace Prize

B. She is the first President of Mauritius

C. She is the first female President of Nepal

D. She is the oldest woman in Asia

a. D

b. A

c. B

d. C