



## 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 Group D 2018 Question Paper (24-Sep-2018) (Shift 2)

Total Time: 1 Hour : 30 Minute

Total Marks: 100

## Instructions

1. Test will auto submit when the Time is up.
2. The Test comprises of multiple choice questions (MCQ) with one correct answers.
3. The clock in the top right corner will display the remaining time available for you to complete the examination.

## Navigating & Answering a Question

1. The answer will be saved automatically upon clicking on an option amongst the given choices of answer.
2. To deselect your chosen answer, click on the clear response button.
3. The marking scheme will be displayed for each question on the top right corner of the test window.

Your Personal Exams Guide

## Test

1. You are given a question and four statements. Decide which of the statements is/are necessary/sufficient to answer the question. There are 10 balls of different sizes and colours: green, yellow, blue, red and pink. Balls of the same colour are identical in size. Can you find the order of the balls from largest to smallest? (+1, -0.33)

Statements:

- 1) 3 red balls are larger than 2 green balls.
  - 2) There are 2 pink balls which are the smallest.
  - 3) 2 blue balls are the largest.
  - 4) Green is larger than yellow.
- a. Statements 2, 3 and 4 are sufficient to answer the question.
  - b. Statements 1, 2 and 4 are sufficient to answer the question.
  - c. Statements 1, 3 and 4 are sufficient to answer the question.
  - d. All statements together are sufficient.

- 
2. A question is given followed by two arguments. Decide which of the arguments is strong with respect to the question. Is solar energy an alternative way through which we can obtain energy? Arguments: I. Yes, this will help in conserving other natural resources. II. No, it is not cheap for the general public. (+1, -0.33)
- a. Both arguments I and II are strong.
  - b. Only argument I is strong.
  - c. Only argument II is strong.

d. Neither argument I nor argument II is strong.

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3. The development of \_\_\_\_ took place from 5000 BCE south of Malwa and across the entire foothills region of the Ganga Valley towards the north. (+1, -0.33)

a. Indus Valley Civilization

b. Maurya Empire

c. Aryan Empire

d. Magadha Empire

---

4. If LIME is written as 129135 in a code, what will be the code for ORANGE? (+1, -0.33)

a. 151811476

b. 151811475

c. 151812475

d. 151911475

---

5. Read the given statements and conclusions carefully and choose which conclusion(s) logically follow(s) from the statement. Statement: A friend of Mrinal said, "The time spent visiting the zoo by Mrinal and me was wonderful". Conclusions: I. Mrinal went to the zoo. II. The friend is a biologist. (+1, -0.33)

a. Neither I nor II follows.

b. Both conclusions follow.

c. Only conclusion I follows.

---

d. Only conclusion II follows.

---

6. M meets Y at a wedding ceremony. Y is the daughter of the sister of M's father's wife. M is Y's \_\_\_\_\_. (+1, -0.33)

a. Cousin brother/sister

b. Friend

c. Nephew

d. Niece

---

7. The volume of a gas is inversely proportional to: (+1, -0.33)

a. Time

b. Density

c. Pressure

d. Mass

---

8. Find the value of  $\frac{7}{11} + \frac{8}{17} - \frac{1}{13} \times \frac{286}{11}$ . (+1, -0.33)

a.  $\frac{-35}{187}$

b.  $\frac{-161}{187}$

c.  $\frac{-167}{187}$

d.  $\frac{20}{187}$

---

9. If the velocity of an object is doubled from its initial velocity, by how many times will its kinetic energy increase? (+1, -0.33)

- a. 3
- b. 2
- c. 5
- d. 8

10. If the following transparent sheet with circles drawn on it is folded along its diagonal, which of the given shapes will it look like? (+1, -0.33)



| A | B | C | D |
|---|---|---|---|
|   |   |   |   |

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

d. A

---

11. Mughalsarai Railway Station has been renamed after which of the following famous personalities? (+1, -0.33)

- a. Deen Dayal Upadhyay
  - b. Jawaharlal Nehru
  - c. Mahatma Gandhi
  - d. Narendra Modi
- 

12. Tina tries to find the restroom in a hotel lounge. She goes to the reception area which is in the west. The receptionist tells Tina to walk straight back a few yards and then turn left. In which direction is she being asked to go to reach the restroom? (+1, -0.33)

- a. North
  - b. East
  - c. West
  - d. South
- 

13. Which of the following schemes was launched by the Government of India to attract Indian scientists from abroad? (+1, -0.33)

- a. HEERA
- b. SONA
- c. VAJRA

d. MOTI

---

14. 14 people can complete a work in 12 days. After working for 4 days, 2 more workers join them. In how many days from then will the work be completed? (+1, -0.33)

a. 7

b. 6

c. 8

d. 5

---

15. X introduces Y to his friends as the son of the wife of his only son. X is Y's ----- (+1, -0.33)

a. Grandson

b. Father

c. Son

d. Grandfather

---

16. What will be the horizontal mirror image (water image) of 'TEST'? (+1, -0.33)

|      |      |      |      |
|------|------|------|------|
| TEST | T23T | 1E21 | 1S31 |
|      |      |      |      |
| A    | B    | C    | D    |

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

17. Ram swims in a 90 m long pool. He covers a distance of 180 m in one minute by swimming from one end to the other and back along the same path. Find his average speed. (+1, -0.33)

- a.  $2.25 \text{ ms}^{-1}$
- b.  $3.00 \text{ ms}^{-1}$
- c.  $2.5 \text{ ms}^{-1}$
- d.  $2.05 \text{ ms}^{-1}$

18. Name the distinguished Hindi writer who was awarded the 53rd Jnanpith Award for the year 2017. (+1, -0.33)

- a. Jasodhara Bagchi
- b. Sushmita Banerjee

c. Rashmi Bansal

d. Krishna Sobti

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19. To ensure medical benefits for the entire population in Karnataka, the state government has launched an integrated health scheme named: (+1, -0.33)

a. Arogya Bhagya

b. Arogya Sri

c. Shubh Arogya

d. Arogya Raksha

---

20. Consider the following question and decide which of the following arguments is strong with respect to it. Should awareness programmes for immunization be conducted by local hospitals? Arguments: I. Yes, this will help in preventing epidemics. II. No, this is not the hospital's responsibility. The workload of officials will increase. (+1, -0.33)

a. Both arguments I and II are strong.

b. Only argument I is strong.

c. Only argument II is strong.

d. Neither argument I nor argument II is strong.

---

21. The unit of heredity is: (+1, -0.33)

a. Genotype

b. Phenotype

---

c. Gene

d. RNA

---

22. There is a set of four numbers. The mean of the three smallest numbers is 19 and the mean of the three largest numbers is 23. What will be the range of this set? (+1, -0.33)

a. 14

b. 12

c. 18

d. 15

---

23. February 5, 2018 was a Monday. Which day of the week was February 5, 2009? (+1, -0.33)

a. Thursday

b. Tuesday

c. Monday

d. Friday

---

24. Who among the following won the World Rapid Chess Championship-2017? (+1, -0.33)

a. Magnus Carlsen

b. Viswanathan Anand

---

- c. Vladimir Fedoseev
  - d. Ian Nepomniachtchi
- 

25. Saibal sold a shirt for ₹ 345 at an 8% loss. For how many rupees should the shirt be sold to gain a profit of 12%? (+1, -0.33)

- a. ₹ 400
  - b. ₹ 394
  - c. ₹ 415.84
  - d. ₹ 420
- 

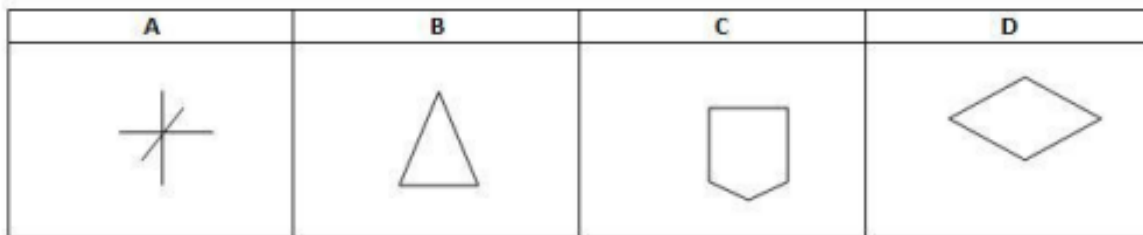
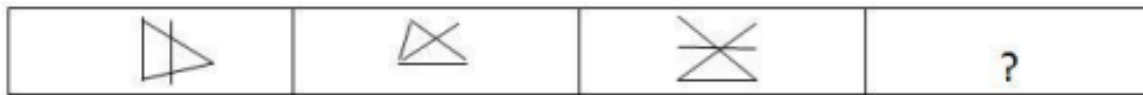
26. Who is the director of the film 'Hindi Medium' released in 2017? (+1, -0.33)

- a. Saket Chaudhary
  - b. Anurag Kashyap
  - c. Karan Johar
  - d. Anupam Kher
- 

27. Who released the vision document 'Digital North East: Vision 2022'? (+1, -0.33)

- a. Ravi Shankar Prasad
- b. Rajnath Singh
- c. Narendra Modi
- d. Arun Jaitley

28. Select the option that can replace the question mark (?) in the given figure. (+1, -0.33)



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

29. What will be the population of a city after 2 years, which is currently 12 lakhs and the growth rate is 4%? (+1, -0.33)

- a. 1300000  
b. 1207920  
c. 1297820  
d. 1297920

30. If  $23 \times 31 = 713$ , then  $0.00713 \div 3.1$  is equal to: (+1, -0.33)

- a. 0.0023
  - b. 2.3
  - c. 0.023
  - d. 0.23
- 

31. Dissolving an acid or a base in water is known as which reaction? (+1, -0.33)

- a. Neutralization reaction
  - b. Decomposition reaction
  - c. Endothermic reaction
  - d. Exothermic reaction
- 

32. The HCF and LCM of two numbers are 35 and 210 respectively. If one of the numbers is 105, what will be the other number? (+1, -0.33)

- a. 140
  - b. 210
  - c. 175
  - d. 70
- 

33. The source of the sun's energy is: (+1, -0.33)

- a. Nuclear fusion reaction
- b. Photovoltaic reaction

- c. Photoelectric reaction
- d. Nuclear fission reaction

---

34. As of 2018, who is the CEO of Adobe Systems? (+1, -0.33)

- a. Dr. Charles M. Geschke
- b. Shantanu Narayen
- c. Dr. John E. Warnock
- d. Bruce Chizen

---

35. What will be the next term in the series below? 3A, 3Z, 6B, 6X, 12C, \_\_\_\_\_. (+1, -0.33)

- a. 12U
- b. 12W
- c. 12V
- d. 12Y

---

36. The side length of a rhombus is  $\frac{17}{3}$  cm and one of its diagonals is  $\frac{16}{3}$  cm. (+1, -0.33)  
Find the length of the other diagonal.

- a.  $\frac{32}{3}$  cm
- b.  $\frac{16}{3}$  cm
- c.  $\frac{20}{3}$  cm
- d. 10 cm

37.  $72 \div [27 - \{35 - (42 - 45 \div 9 \times 2)\}] = ?$

(+1, -0.33)

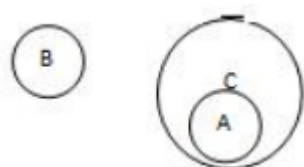
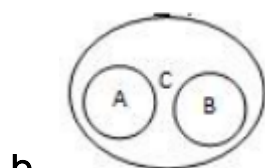
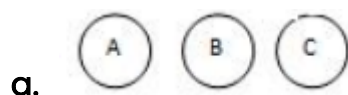
- a. 4
- b. 8
- c. 3
- d. 6

38. The common name of sodium bicarbonate is:

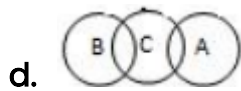
(+1, -0.33)

- a. Caustic lime
- b. Baking soda
- c. Baking powder
- d. Tartaric acid

39. Which Venn diagram correctly represents the relationship among the following words? A) Writing B) Speaking C) Communication (+1, -0.33)



c.



---

40. What is the next term in the given series? 15HF, 30LJ, \_ \_ \_ \_ . (+1, -0.33)

- a. 45OM
- b. 45NP
- c. 45MO
- d. 45PN

---

41. A 70 kg man pushes a 50 kg man with a force of 50 N. With how much force did the 50 kg man push the other person? (+1, -0.33)

- a. 50 N
- b. 60 N
- c. 30 N
- d. 100 N

---

42. Which actor won the Star Screen Best Actor (Popular) Award 2017? (+1, -0.33)

- a. Shahid Kapoor
- b. Salman Khan
- c. Irrfan Khan

d. Saif Ali Khan

---

43. In a semicircle, A and C indicate the endpoints of the diameter and B is any point on the semicircle. Then angle ABC will always be: (+1, -0.33)

- a. Obtuse angle
  - b. Right angle
  - c. Cannot be determined
  - d. Acute angle
- 

44. Robin's father is 2.8 times older than him. Six years ago, Robin's father's age was 4 times his age. What is Robin's present age? (+1, -0.33)

- a. 17 years
  - b. 14 years
  - c. 15 years
  - d. 16 years
- 

45. 700019 is the pincode of \_\_\_\_\_. (+1, -0.33)

- a. West Bengal
  - b. Odisha
  - c. Bihar
  - d. Jharkhand
-

46. Which scheme has been formulated by the Central Government to resolve the serious problems of groundwater resources in major parts of the country? (+1, -0.33)

- a. Atal Shuddh Yojana
- b. Atal Shuddhjal Yojana
- c. Atal Bhujal Yojana
- d. Atal Paani Yojana

47. Heaven is related to Hell in the same way as Rising is related to \_\_\_\_\_. (+1, -0.33)

- a. Down
- b. Leaving
- c. Electricity
- d. Falling

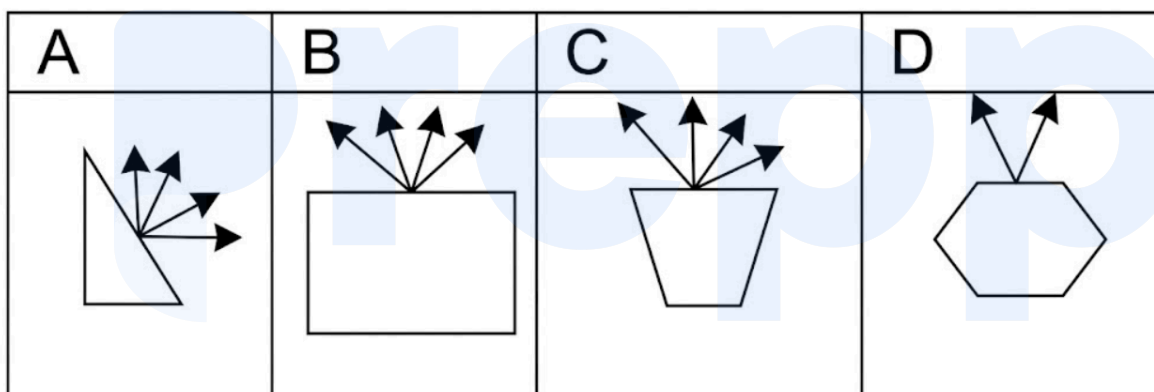
48. Which of the following numbers will have a terminating decimal value? (+1, -0.33)

- a.  $\frac{6}{45}$
- b.  $\frac{12}{45}$
- c.  $\frac{9}{45}$
- d.  $\frac{3}{45}$

49. When was the launch of the Khelo India School Games (KISG) first announced? (+1, -0.33)

- a. 1 February 2018
- b. 21 January 2018
- c. 1 January 2018
- d. 31 January 2018

50. Identify the odd one out: (+1, -0.33)

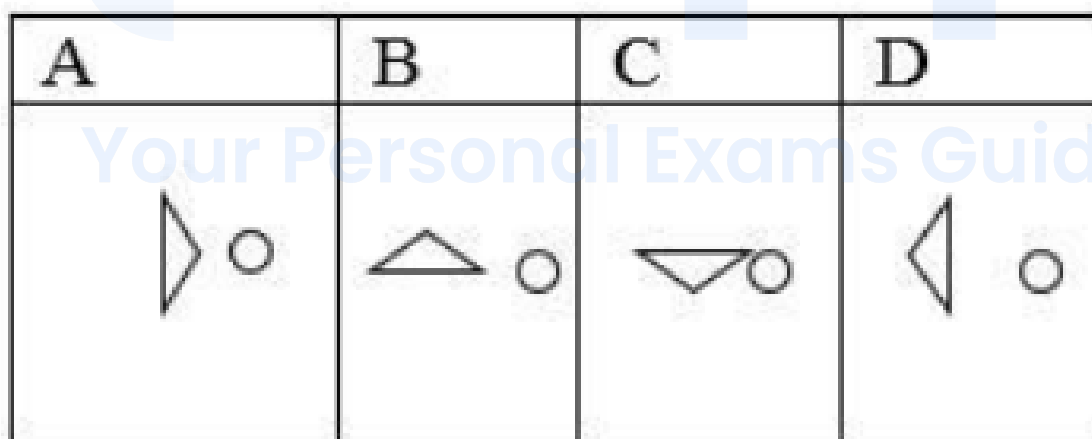
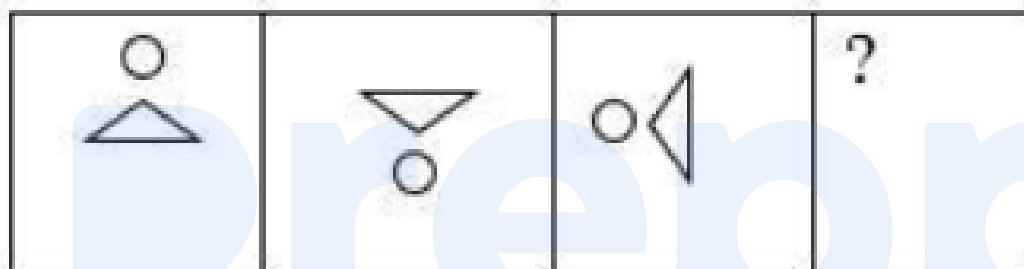


- a. A
- b. B
- c. D
- d. C

51. A mobile is dropped from a balcony. If the mass of the mobile phone is 0.5 kg and the mobile phone is dropped from a height of 100 m, and  $g = 10 \text{ m/s}^2$ , then the potential energy of the mobile phone is \_\_\_\_\_. (+1, -0.33)

- a. 500 J
- b. 50 J
- c. 5 J
- d. 5,000 J

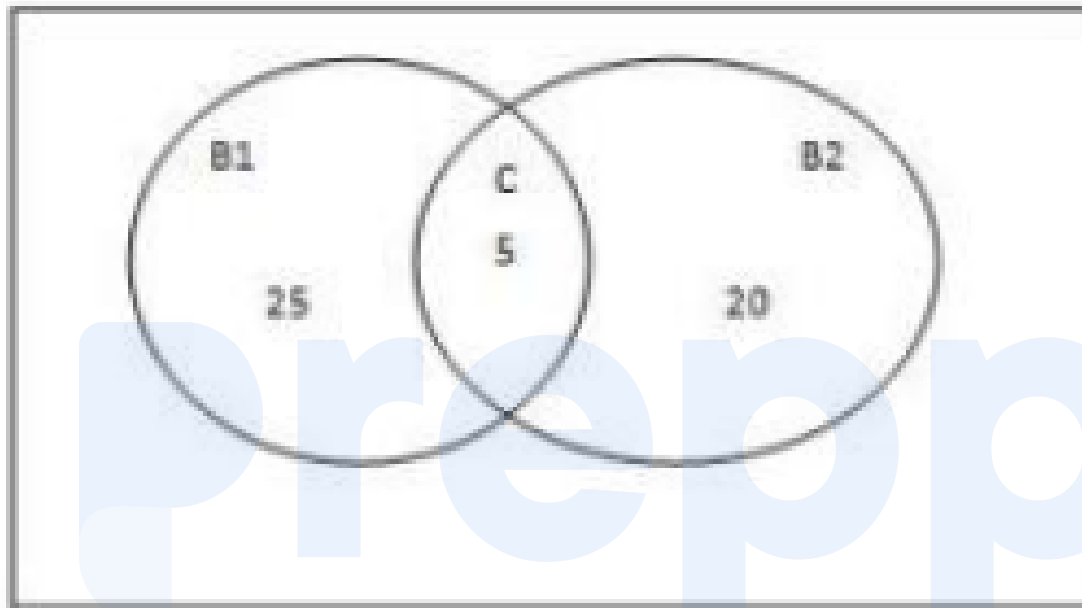
52. Select the option that will replace the question mark (?) in the following series. (+1, -0.33)



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

d. A

53. The following diagram represents the sample size survey results of two brands of chips liked by 50 customers. Based on the data, how many people liked neither of the two brands of chips? (+1, -0.33)



- a. 25  
b. 5  
c. 0  
d. 20

54. An object travels the first 25 m in 4 s and then the next 15 m in 2 s. What is the average speed of the object? (+1, -0.33)
- a.  $6.67 \text{ ms}^1$   
b.  $6.67 \text{ ms}^{-1}$

c.  $6.67 \text{ s}^{-1}$

d.  $6.67 \text{ m}$

---

55. The number of iron atoms in a piece of iron weighing 2.8 g is: (+1, -0.33)

a.  $3.011 \times 10^{21}$  atoms

b.  $3.011 \times 10^{24}$  atoms

c.  $3.011 \times 10^{23}$  atoms

d.  $3.011 \times 10^{22}$  atoms

---

56. If one side of a rhombus and one of its two diagonals are each 16 cm, what will be the area of the rhombus in  $\text{cm}^2$ ? (+1, -0.33)

a.  $128\sqrt{3}$

b.  $256\sqrt{3}$

c. 128

d.  $64\sqrt{3}$

---

57. You are given a question and three statements. Decide which statements are sufficient to answer the question. Sunita has selected four items. How many bags will she need to buy from the counter to carry the items home? Statements: 1. Each bag can hold 2 kg of items. 2. Sunita bought 2 kg of rice. 3. Sunita also bought 500 g arhar dal, 500 g moong dal and 750 g urad dal. (+1, -0.33)

a. Only statement 2 is sufficient.

- b. All statements are insufficient.
  - c. Statements 1, 2, and 3 together are sufficient.
  - d. Both statements 2 and 3 together are sufficient.
- 

58. If  $T = (93 + 15) \div (3 \times 4) - 24 + 8$ , then what will be the value of  $T$ ? (+1, -0.33)

- a. -2
  - b. -5
  - c. -7
  - d. -4
- 

59. A statement is followed by two arguments. Decide which of the argument(s) is/are strong with respect to the statement. Statement: Should children be banned from using mobile phones? Arguments: I. Yes, it causes addiction and its radiations are very harmful. II. No, we should educate children to use mobile phones responsibly for communication. (+1, -0.33)

- a. Neither I nor II is strong
  - b. Only argument I is strong
  - c. Only argument II is strong
  - d. Both I and II are strong
- 

60. The overall average of four numbers  $a$ ,  $b$ ,  $c$  and  $d$  is 26. If the average of  $a$  and  $b$  is 19.5, then the average of  $c$  and  $d$  will be: (+1, -0.33)

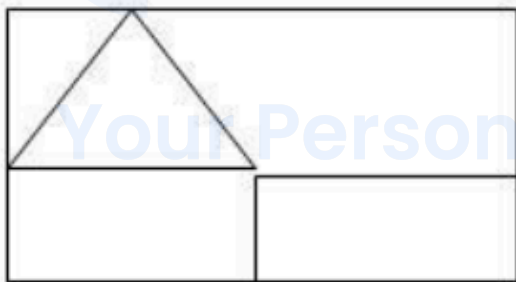
- a. 31.5

- b. 33
- c. 32.5
- d. 35.5

61. \_\_\_\_\_ play games by producing ultrasound. (+1, -0.33)

- a. Whales
- b. Elephants
- c. Moths
- d. Rats

62. Which pattern from the given options matches the following pattern? (+1, -0.33)



| A | B | C | D |
|---|---|---|---|
|   |   |   |   |

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

63. What was India's ICC ODI ranking on 1 February 2018? (+1, -0.33)

- a. Second
  - b. Third
  - c. Fourth
  - d. First
- 

64. If  $\frac{0.5-0.1x}{1.3-0.8x} = 0.2$ , then  $x =$ ? (+1, -0.33)

- a. -3
  - b. -4
  - c. -2
  - d. -1
- 

65. Californium is a member of which series? (+1, -0.33)

- a. Actinide series
- b. Halogens

- c. Lanthanide series
  - d. Noble gases
- 

66. Which of the following is not based on the practical applications of the heating effect of electric current? (+1, -0.33)

- a. Electric bell
  - b. Electric toaster
  - c. Electric kettle
  - d. Electric flat iron
- 

67. A train completes a journey in 8 hours, the first half of the journey is completed at a speed of 45 km/hr and the second half at 55 km/hr. What is the total distance of the journey? (+1, -0.33)

- a. 391 km
  - b. 396 km
  - c. 395 km
  - d. 296 km
- 

68. A woman reaches her office 4 minutes early by driving at a speed of 40 km/hr, whereas she would have been 5 minutes late if she drove at 32 km/hr. What is the distance (in km) to be covered by her? (+1, -0.33)

- a. 32
- b. 24

c. 30

d. 28

---

69. The chemical formula of propane is \_\_\_\_\_. (+1, -0.33)

a.  $C_4H_{10}$

b.  $CH_4$

c.  $C_3H_8$

d.  $C_2H_6$

---

70. Find the next term in this series. 2I, 9L, 16O, \_\_\_\_\_. (+1, -0.33)

a. 20R

b. 23R

c. 23S

d. 22R

---

71. An exothermic reaction is a reaction in which: (+1, -0.33)

a. Loss of oxygen occurs.

b. Heat is released.

c. Oxygen is gained.

d. Absorption of heat occurs.

---

72. Complete the number series by choosing the missing numbers. 10000245, (+1, -0.33)  
10000240, 10000235, ?, ?, 10000220, 10000215

- a. 10000230, 10000225
- b. 10000220, 10000225
- c. 10000225, 10000230
- d. 10000215, 10000225

73. Which of the following does not belong to this group? A. Rod B. Spoon C. (+1, -0.33)  
Blade D. Glass

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

74. The expenses incurred by an incense-stick making company are as (+1, -0.33)  
follows: Purchases (40%), Employees' salary (20%) and Maintenance  
(40%). If the company pays a total of ₹ 50,000 as salary, what is its  
maintenance expenditure?

- a. ₹ 2,50,000
- b. ₹ 3,00,000
- c. ₹ 1,00,000
- d. ₹ 2,00,000

---

75. In a code language, BEAT is written as 1409. What is the code for HIGH? (+1, -0.33)

- a. 7687
- b. 8768
- c. 7867
- d. 6786

---

76. Machilipatnam/Masulipatnam was a prosperous port on the east coast of India which was famous for its \_\_\_\_\_ work. (+1, -0.33)

- a. Pottery
- b. Zari
- c. Patola
- d. Kalamkari

---

77. Group \_\_\_\_\_ of the Modern Periodic Table contains only 7 elements. (+1, -0.33)

- a. 4
- b. 2
- c. 1
- d. 3

---

78. A falling coconut has: (+1, -0.33)

- a. Nuclear energy
  - b. Kinetic energy
  - c. Sound energy
  - d. Chemical energy
- 

79. As of August 2018, which ministry was under the charge of Union Minister Maneka Gandhi? (+1, -0.33)

- a. Health and Family Welfare
  - b. Women and Child Development
  - c. Information and Broadcasting
  - d. Science and Technology
- 

80. When a constant force acts for 2 seconds on an object of mass 8 kg, it increases the velocity of the object from  $4 \text{ ms}^{-1}$  to  $9 \text{ ms}^{-1}$ . What is the magnitude of the force applied? (+1, -0.33)

- a. 22 N
  - b. 21 N
  - c. 20 N
  - d. 28 N
- 

81. A man buys 5 pens for 1 rupee and sells 4 for 1 rupee. Find his profit percentage. (+1, -0.33)

- a. 20%
  - b. 25%
  - c. 40%
  - d. 50%
- 

82. \_\_\_\_\_ is an inert gas. (+1, -0.33)

- a. Krypton
  - b. Nitrogen
  - c. Oxygen
  - d. Chlorine
- 

83. Where does the breakdown of pyruvate using energy take place? (+1, -0.33)

- a. Mitochondria
  - b. Pancreas
  - c. Liver
  - d. Nucleus
- 

84. Find the smallest number which, when decreased by 6, is completely divisible by 12, 15, 20 and 27. (+1, -0.33)

- a. 546
- b. 540

c. 542

d. 500

85. \_\_\_\_\_ is the largest group of animals. (+1, -0.33)

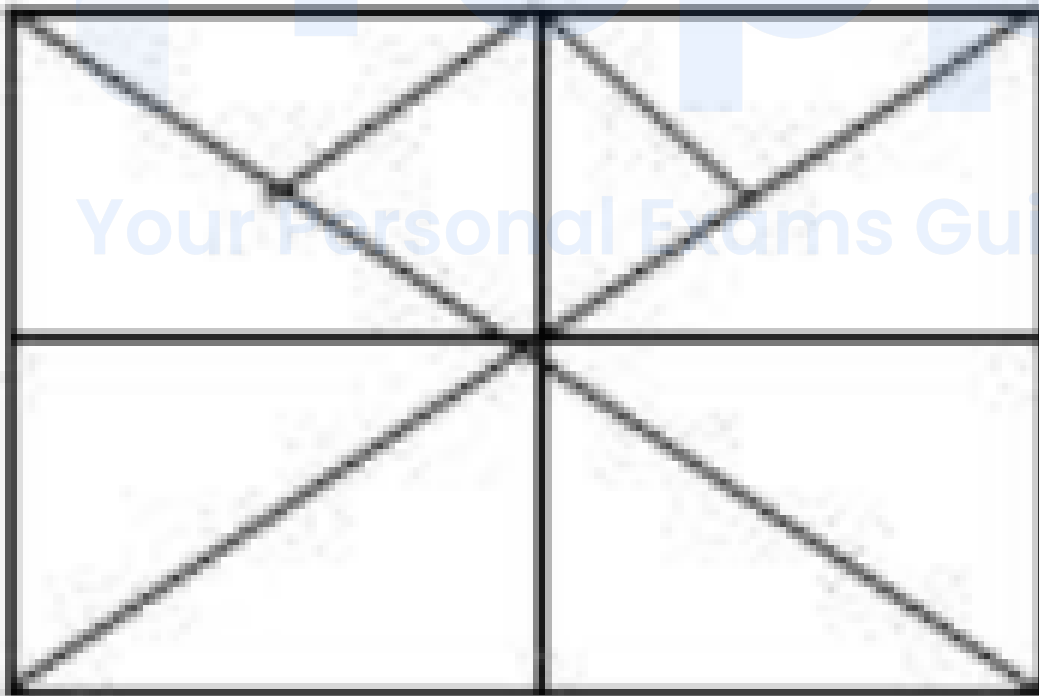
a. Mollusca

b. Arthropoda

c. Nematoda

d. Annelida

86. How many triangles are there in the given figure? (+1, -0.33)



a. 16

- b. 12
  - c. 8
  - d. 20
- 

87. Mumbai is located on the windward side of the \_\_\_\_\_, which causes heavy rainfall here. (+1, -0.33)

- a. Himalayas
  - b. Aravallis
  - c. Eastern Ghats
  - d. Western Ghats
- 

88. The characteristics of an image formed by a plane mirror are: (+1, -0.33)

- a. Different size, magnified, inverted, virtual
  - b. Same size, erect, laterally inverted, virtual
  - c. Different size, erect, inverted, virtual
  - d. Same size, erect, inverted, real, magnified
- 

89. Which of the following actors won the 'Best Actor' award at the 64th National Film Awards held in 2017? (+1, -0.33)

- a. Salman Khan
- b. Akshay Kumar

- c. Shah Rukh Khan
- d. Aamir Khan

90. To which state was the award for the best tableau in the Republic Day Parade 2018 given by Union Defence Minister Nirmala Sitharaman? (+1, -0.33)

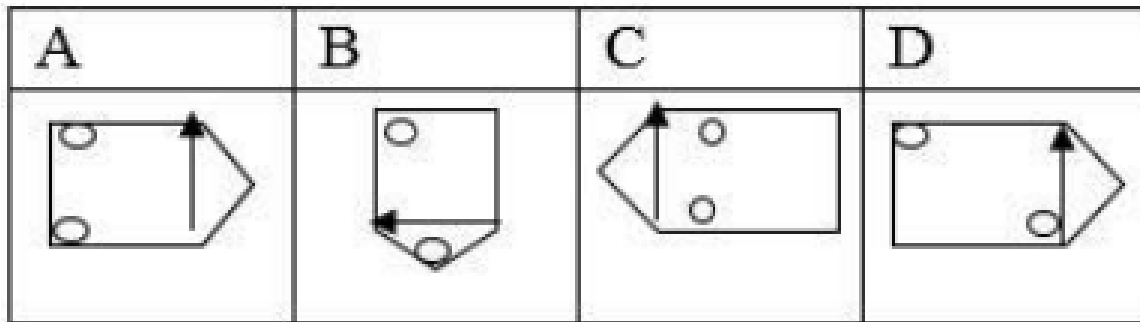
- a. Gujarat
- b. Maharashtra
- c. Karnataka
- d. Goa

91. Which of the following option figures shows the closest similarity to the question figure? (+1, -0.33)

Question figure:



Option figures:



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

92. Global CO<sub>2</sub> emissions by the world region were 22 billion tons in 1990 and 36 billion tons in 2015. What is the percentage increase in CO<sub>2</sub> emissions by the world region? (+1, -0.33)

- a. 63.63%
- b. 36.36%
- c. 36.63%
- d. 66.36%

93. Two pipes A and B can fill a reservoir in 4 hours. If both are opened separately, B takes \_\_\_\_\_ hours more than A to fill the reservoir, while A alone takes 6 hours to fill the reservoir. (+1, -0.33)

- a. 18 hours
- b. 4 hours

c. 5 hours

d. 6 hours

---

94. Shefali bought a set of cups for ₹ 575, but later sold it for ₹ 506 to clear old stock. What was her percentage loss? (+1, -0.33)

a. 14%

b. 13%

c. 12%

d. 16%

---

95. Pushpak started his journey at 7:49:31 p.m. and reached his destination at 9:59:42 p.m. Ronit started his journey 58 minutes 40 seconds after Pushpak and reached his destination 51 minutes 39 seconds after him. In what time did Ronit complete his journey? (+1, -0.33)

a. 2 hours 3 minutes 10 seconds

b. 2 hours 2 minutes 22 seconds

c. 2 hours 1 minute 12 seconds

d. 2 hours 10 seconds

---

96. The husk of a coconut is made up of which tissue? (+1, -0.33)

a. Sclerenchyma

b. Aerenchyma

- c. Collenchyma
  - d. Parenchyma
- 

97. In a code language, YELL is written as 2551212. What is the code for TALE in the same language? (+1, -0.33)

- a. 201126
  - b. 211125
  - c. 201135
  - d. 201125
- 

98. Who wrote the book named 'Origin of Species'? (+1, -0.33)

- a. Darwin
  - b. Oparin
  - c. Lamarck
  - d. Weismann
- 

99. When  $x^2 + ax + b$  is divided by  $x - 7$ , the remainder is 35, and when  $x^2 + bx + a$  is divided by  $x - 7$ , the remainder is 31, then  $a + b$  is equal to: (+1, -0.33)

- a. 3
- b. -4
- c. 4

d. -3

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100. Which of the following launch vehicles was used by ISRO for the successful launch of communication satellite GSAT-19? (+1, -0.33)

- a. GSLV Mk III-D1
- b. PSLV-CA
- c. RLV-TD
- d. PSLV-XL

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