

IBPS PO PET Quant PDF

Directions (1-15): What approximate value should come in place of the question mark (?) in the following questions? (Note: you are not expected to work out the exact value).

Q1. $11004.01 - 191.30 + 562.80 = ?$

- (a) 21376
- (b) 11476
- (c) 11376
- (d) 11250
- (e) None of those given as options

Q2. $\frac{3}{8}$ of 4800.40 = ?

- (a) 12800
- (b) 180
- (c) 600
- (d) 1600
- (e) None of those given as options

Q3. $22559.70 \div 1.5 = ?$

- (a) 1540
- (b) 15400
- (c) 154
- (d) 15040
- (e) None of those given as options

Q4. $0.65 \times ? = 0.6565$

- (a) 2
- (b) 3
- (c) 4
- (d) 1
- (e) None of those given as options

Q5. $170.90 \div 18.80 \times 8.70 = ?$

- (a) 1
- (b) 18
- (c) 81
- (d) 0
- (e) None of those given as options

Q6. $218.41 - 149.26 = ?$

- (a) 69
- (b) 79
- (c) 179
- (d) 169
- (e) None of those given as options

Q7. $10.375 + 19.777 + 12.75 = ?$

- (a) 65
- (b) 43
- (c) 54
- (d) 37
- (e) 28

Q8. $5541.70 + ? - 1369.02 = 4199.90$

- (a) 19
- (b) 22
- (c) 37
- (d) 32
- (e) 27

Q9. $\frac{141-39}{75-49.7} = ?$

- (a) 4
- (b) 7
- (c) 8
- (d) 6
- (e) 10



Q10. ? % of 130 = 11.7

- (a) 9
- (b) 90
- (c) 1
- (d) 13
- (e) 10

Q11. $13.6 \div 6.80 \times 7.01 = ?$

- (a) 27
- (b) 45
- (c) 37
- (d) 41
- (e) 14

Q12. 19.7% of ? + 9.9% of 150 = 25

- (a) 25
- (b) 20
- (c) 35
- (d) 30
- (e) 50

Q13. $5123.0712 + 364.6 + 18.105 = ?$

- (a) 5125
- (b) 5599
- (c) 5506
- (d) 5400
- (e) None of those given as options

Q14. $2399.80 \div 16.1514 = ?$

- (a) 13
- (b) 130
- (c) 150
- (d) 15
- (e) 1300

Q15. $\sqrt{484} + 21\% \text{ of } 32 = ?$

- (a) 35
- (b) 40
- (c) 20
- (d) 29
- (e) 32

Directions (16-20): In each of the following questions one number is wrong in the series. Find out the wrong number in each case.

Q16. 29 22 51 107 219 443

- (a) 22
- (b) 51
- (c) 107
- (d) 219
- (e) 9

Q17. 2 12 3 13 4 17 5

- (a) 12
- (b) 3
- (c) 13
- (d) 4
- (e) 17

Q18. 2 3 8 36 296 4726 152096

- (a) 3
- (b) 8
- (c) 36
- (d) 296
- (e) 4726

Q19. 125 106 88 76 65 58 53

- (a) 58
- (b) 106
- (c) 88
- (d) 76
- (e) 65

Q20. 5 13 17 25 29 36 41

- (a) 13
- (b) 17
- (c) 25
- (d) 29
- (e) 36

Q21. If the length of a rectangle is increased by 30% and the width is decreased by 20% what percent change occurs in the area?

- (a) remains the same
- (b) increase by 4%
- (c) decrease by 4%
- (d) Cannot be determined
- (e) None of those given as options

Q22. Suppose you know that $\sqrt{15}$ is approximately 3.88. Which of the following is the best approximation to $\sqrt{\frac{5}{3}}$?

- (a) 0.43
- (b) 1.89
- (c) 1.29
- (d) 1.63
- (e) None of those given as options

Q23. The length of a rectangular room is 4 meters. If it can be partitioned into two equal square rooms, what is the length of the partition in metres?

- (a) 1
- (b) 2
- (c) 4
- (d) Data is inadequate
- (e) None of those given as options

Q24. If a, b, c, d and e are five consecutive odd numbers, what is their average?

- (a) b
- (b) c
- (c) d
- (d) Data is inadequate
- (e) None of these

Q25. A trader bought a car at 20% discount on its original price. He sold it with a 40% increase on the price he bought. What percentage of profit did he make on the original price?

- (a) Nil
- (b) 12%
- (c) 32%
- (d) 20%
- (e) None of these

Q26. A sum is divided among four persons in the ratio 3:4:5:8. If the second largest share is Rs. 2500, what is the total sum?

- (a) Rs. 10,000
- (b) Rs. 12,500
- (c) Rs. 4,000
- (d) Cannot be determined
- (e) None of those given as options

Q27. A scale of a map is 0.8 cm = 8.8 km. If the distance between two points on the map is 80.5 cm, which of the following is the distance between the two points?

- (a) 885.5 km .
- (b) 88 km .
- (c) 100 km .
- (d) 980 km .
- (e) None of those given as options

Q28. The difference between the compound interest and the simple interest on a certain sum at 5% per annum for 2 years is Rs.1.50. What is the sum?

- (a) Rs. 600
- (b) Rs. 500
- (c) Rs. 400
- (d) Rs. 300
- (e) None of those given as options

Q29. A trader mixes 240 kg . of tea purchased at Rs. 24 per kg . with 64 kg of tea purchased at Rs. 35 per kg . At what price should he sell 1 kg of the mixture to make 33% profit?

- (a) Rs. 41
- (b) Rs. 33
- (c) Rs. 30
- (d) Rs. 35
- (e) None of those given as options

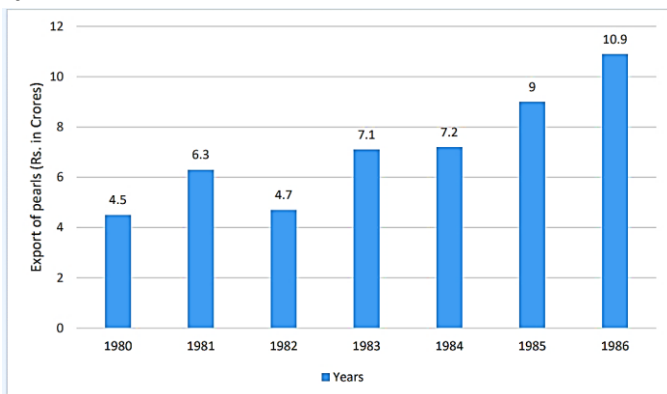
Q30. A person invests 75 percent in machinery, 10 percent on raw materials, 10 percent on employees and has Rs. 20,000 cash with him. How much did he invest in machinery and raw materials together?

- (a) Rs. 17,000
- (b) Rs. 1,70,000
- (c) Rs. 3,40,000
- (d) Rs. 34,000
- (e) None of those given as options

Q31. A boat takes four hours for travelling downstream from point A to point B and coming back to point A upstream. If the speed of the stream is 2 km per hour and the speed of the boat in still water is 4 km per hour, what is the distance between A and B?

- (a) 6 km
- (b) 8 km
- (c) 4 km
- (d) 9 km
- (e) None of those given as options

Directions (32-36): Study the following graph carefully and answer the questions given below it:-



Q32. In which year was there maximum percentage increase of export of pearls from previous year?

- (a) 1983
- (b) 1982
- (c) 1987
- (d) 1986
- (e) 1984

Q33. In which of the following pairs of years was the average export of pearls 7 crores?

- (a) 1981 and 1982
- (b) 1982 and 1983
- (c) 1982 and 1984
- (d) 1983 and 1985
- (e) None of those given as options

Q34. In how many years was the export of pearls above the average export of pearls of the given period?

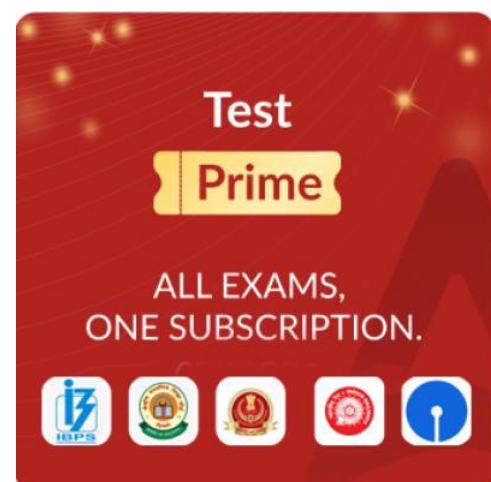
- (a) One
- (b) Two
- (c) Three
- (d) None
- (e) More than three

Q35. In which year was the export of pearls equal to the average export of the given period?

- (a) 1981
- (b) 1982
- (c) 1984
- (d) 1986
- (e) None of those given as options

Q36. What was the approximate percentage increase in export of pearls from 1985 to 1986?

- (a) 21
- (b) 75
- (c) 25
- (d) 50
- (e) None of those given as options



Directions (37-41): Study the following table and answer the questions given below it.

Number of five types of cars produced and rejected (for defects) by a Company over the years (in thousands)

Car Year	A		B		C		D		E	
	Produced	Rejected	Produced	Rejected	Produced	Rejected	Produced	Rejected	Produced	Rejected
2013	20	2	50	3	15	0.5	80	5	60	4
2014	35	3	45	2	20	0.55	75	4	58	4
2015	15	0.5	40	2.5	17	0.75	58	2	62	3.5
2016	25	1.25	42	2.3	25	1.5	65	3	40	1.5
2017	30	1.5	48	2.5	30	2.0	68	3	45	2
2018	27	1.5	41	2.1	26	1.75	72	3.5	50	2.5

Q37. In the case of B type car in which year was the ratio of rejection to production the highest among the given years?

- (a) 2013
- (b) 2014
- (c) 2015
- (d) 2017
- (e) 2018

Q38. In the case of E type car in which year was the ratio of rejection to production the lowest among the given years?

- (a) 2014
- (b) 2015
- (c) 2016
- (d) 2017
- (e) 2018

Q39. What was the difference in number of C type cars rejected between 2014 and 2015?

- (a) 200
- (b) 250
- (c) 2000
- (d) 2500
- (e) None of those given as options

Q40. The acceptable E type cars in 2015 was what percent of that of 2014?

- (a) 8
- (b) 106
- (c) 110
- (d) 5
- (e) None of those given as options

Q41. In the year 2014 in the case of which of the following cars was the rejection below five percent?

- (a) A
- (b) B or E
- (c) B and C
- (d) C and D
- (e) None of those given as options

Q42. The average of the ages of A, B and C is 20 years. If the average of the ages of B and C is 22 years, what is the age of A in years?

- (a) 21
- (b) 16
- (c) 18
- (d) 22
- (e) None of those given as options

Q43. A shopkeeper bought 30 kg of rice at the rate of Rs. 7.00 per kg and 20 kg of rice at the rate of Rs.7.75 per kg. He mixed the two and sold the mixture at the rate of Rs.7.50 per kg. What was his gain/loss in the transaction?

- (a) Rs. 10.00 gain
- (b) Rs. 10.00 loss
- (c) Rs.27.50 gain
- (d) Rs.27.50 loss
- (e) None of those given as options

Q44. The simple interest earned on a sum of money after 10 years at the rate of 5% per annum was half of the sum. What was the sum?

- (a) Rs.10,000/-
- (b) Rs.20,000/-
- (c) Rs.12,000/-
- (d) Data inadequate
- (e) None of those given as options

Q45. If the price of six toys is Rs.264.37, what will be the approximate price of five toys?

- (a) Rs. 160.00
- (b) Rs. 200.00
- (c) Rs.240.00
- (d) Rs.220.00
- (e) Rs. 140.00

Q46. Six years ago the ratio of the ages of Kamal and Suresh was 6: 5, four years hence the ratio of their ages will be 11: 10. What is Suresh's age at present?

- (a) 20 years
- (b) 18 years
- (c) 16 years
- (d) Cannot be determined
- (e) None of those given as options

Q47. At the end of three years, what will approximately be the compound interest on Rs.10,105/at the rate of 10% per annum?

- (a) Rs. 4,500/-
- (b) Rs. 3,000/-
- (c) Rs. 3,300/-
- (d) Rs. 3,600/-
- (e) None of those given as options

Q48. 12 men complete a work in 18 days. Six days after they had started working, four more men joined them. How many days will all of them take to complete the remaining work?

- (a) 10
- (b) 12
- (c) 15
- (d) 9
- (e) None of those given as options

Q49. If three-fourth of a number is 27 , what will approximate one-seventh of that number be?

- (a) 7
- (b) 5
- (c) 10
- (d) 9
- (e) 3

Q50. A sum of money is divided among three persons in the ratio 4: 6: 9. If the largest share is Rs. 1,000/- more than the smallest share, what is the total sum?

- (a) Rs. 4,000/-
- (b) Rs.9,500/-
- (c) Rs. 3,600/-
- (d) Rs. 3,800/-
- (e) None of those given as options

