



## Sample PO Written Exam Papers South Indian Bank

**1. A clock shows the time as 6 a.m. If the minute hand gains 2 minutes every hour, how many minutes will the clock gain by 9 p.m.?**

- (a) 30 minutes
- (b) 25 minutes
- (c) 28 minutes
- (d) 34 minutes

**2. Find the right number, from the given options, at the place marked by the question mark:  
2, 4, 8, 32, 256, ?**

- (a) 4096
- (b) 8192
- (c) 512
- (d) 1024

**3. Find the number missing at question mark:**

10, 11, 23, 39, 64, ?, 149

- (a) 100
- (b) 103
- (c) 78
- (d) 128

**4. A super fast bus of KSRTC starting from 'Trivandrum' and reaches 'Attingal' in 45 minutes with an average speed of 40 km/hr. If the speed is increased by 10 km/hr how much time it will take to cover the same distance?**

- (a) 34 minutes (b) 36 minutes (c) 38 minutes (d) 40 minutes

- 5. The difference between 6 times and 8 times of a figure is 14. What is the figure?**  
(a) 12 (b) 9 (c) 7 (d) 6
- 6. If  $92y = 36$  what is  $9y$ ?**  
(a) 4 (b) 6 (c) 9 (d) 18
- 7. One fourth percent of 180 is:**  
(a) 4.5 (b) 0.45 (c) 0.045 (d) 45
- 8. A candidate appearing for an examination has to secure 40% marks to pass paper I. But he secured only 40 marks and failed by 20 marks. What is the maximum mark for paper I?**  
(a) 100 (b) 200 (c) 180 (d) 150
- 9. Find the missing number 32, 52, 74, 112, 135 .....**  
(a) 16 (b) 15 (c) 17 (d) 14
- 10. If 250 is increased to 300, what is the percentage increase?**  
(a) 16.67 (b) 20 (c) 23 (d) 17
- 11. The ratio of 9 seconds to 10 hours is .....**  
(a) 1:40 (b) 1:4000 (c) 9:10 (d) 1:400
- 12. A person lost 10% when he sold goods at Rs.153. For how much should he sell them to gain 20%?**  
(a) 204 (b) 250 (c) 240 (d) 210
- 13. What will be  $xy$  if  $7862xy$  is to be divisible by 125?**  
(a) 25 (b) 00 (c) 75 (d) 50
- 14. A train of 100 meters long is running at the speed of 36 km per hour. In what time it passes a bridge of 80 meters long?**  
(a) 30 seconds (b) 36 seconds (c) 20 seconds (d) 18 seconds
- 15. If two-third of a bucket is filled in one minute then the time taken to fill the bucket completely will be .....**  
(a) 90 seconds (b) 70 seconds (c) 60 seconds (d) 100 seconds
- 16. If a quarter kilogram costs Rs. 60 then how much will cost for 150 grams?**

(a) Rs. 30 (b) Rs. 24 (c) Rs. 36 (d) Rs. 40

**17. If 3 men or 6 boys can do a piece of work in 20 days then how many days with 6 men and 8 boys take to do the same work?**

(a) 5 (b) 8 (c) 10 (d) 6

**18. Find the sum of first 100 natural numbers**

(a) 5050 (b) 5005 (c) 9900 (d) 9050

**19. Two poles of height 6 meters and 11 meters stand on a plane ground. If the distance between their feet is 12 meters then find the difference in the distance between their tops:**

(a) 12m (b) 5m (c) 13m (d) 11m

**20. How many balls of radius 4 cm can be made from a solid sphere of lead of radius 8 cm?**

(a) 4 (b) 8 (c) 16 (d) 2

**21. The solution to  $x^2 + 6x + 9 = 0$  is .....**

(a)  $x_1 = +3, x_2 = -3$  (b)  $x_1 = 3, x_2 = 3$

(c)  $x_1 = -3, x_2 = -3$  (d) No solution

**22. What is the chance of getting a 2 or 4 in rolling a die?**

(a)  $\frac{2}{3}$  (b)  $\frac{1}{6}$  (c)  $\frac{1}{3}$  (d)  $\frac{1}{2}$

**23. At what rate of simple interest per annum an amount will be doubled in 10 years?**

(a) 10% (b) 7.5% (c) 16% (d) 15%

**24. Five times an unknown number is 5 less than 50. The unknown number**

(a) 10 (b) 11 (c) 9 (d) 5

**25. The acute angle between the hour hand and minute hand of a clock at 4 PM**

(a) 900 (b) 1200 (c) 1500 (d) 2400

**26. Water is filled in a cylindrical vessel in such a way that its volume doubles after every five minutes. If it takes 30 minutes for the vessel to be full, then the vessel will be one fourth full in**

(a) 20 minute (b) 25 minutes

(c) 7 minutes 30 seconds (d) 10 minutes

**27. If 10 cats can kill 10 rats in 10 minutes how long will it take 100 cats to kill 100 rats**

(a) 1 minutes (b) 10 minute (c) 100 minutes (d) 10000 minutes

**28. If 75 % of a number is added to 75, the result is the number itself, then the number is:**

(a) 250 (b) 750 (c) 400 (d) 300

**29. A school has enough food for 400 children for 12 days. How long will the food last if 80 more children join them?**

(a) 6 days (b) 7 days (c) 10 days (d) 8 days

**30. The sum of two consecutive numbers is 55, which is the largest number?**

(a) 25 (b) 28 (c) 26 (d) 27

**31. When a shop keeper sold  $\frac{2}{3}$  of an item, he got the cost price of the whole lot. What is the percentage of his profit?**

(a)  $33\frac{1}{8}\%$  (b)  $66\frac{2}{3}\%$  (c) 25 % (d) 50 %

**32. The perimeter of a rectangular field is 480 meters and the ratio between the length and breadth is 5:3. The area of the field is:**

(a) 7,200m<sup>2</sup> (b) 15,000m<sup>2</sup> (c) 54,000m<sup>2</sup> (d) 13,500m<sup>2</sup>

**33. If you add 100 to a certain number, the result will be more than, if you multiply that number by 1000 what is that number?**

(a) 1.5 (b) 1.0 (c) 2.5 (d) 2.0

**34. A student has to secure 40 % marks to pass. He gets 150 marks and fails by 30 marks. What is the maximum marks?**

(a) 400 (b) 500 (c) 475 (d) 450

**35. The circumcentre of an obtuse triangle will always be in the**

(a) Interior of the triangle

(b) Midpoint of the diameter

(c) Exterior of the triangle

(d) Midpoint of the side of the triangle

**36. What is the degree measure of a semicircle?**

(a) 360 (b) 90 (c) 270 (d) 180

**37. Which among the following is the point of intersection of the medians of a triangle?**

- (a) Circumcentre (b) Centroid (c) Orthocenter (d) Incentre

**38. The height of a cone and its base diameter are equal. If the base radius is 'r' what is its slant height?**

- (a)  $3r$  (b)  $4r$  (c)  $\sqrt{5}r$  (d)  $\sqrt{3}r$

**39. The radii of two spheres are in the ratio 2:3. What is the ratio of their surface areas?**

- (a) 4:9 (b) 2:3 (c) 8:27 (d) 4:6

**40. What is the common ratio of the progression  $3\sqrt{2}$ ,  $6$ ,  $6\sqrt{2}$  ?**

- (a) 3 (b) 2 (c)  $\sqrt{2}$  (d)  $\sqrt{3}$

**41. In class of 100 students 50 students passed in Mathematics and 70 passed in English, 5 students failed in both Mathematics and English. How many students passed in both the subjects?**

- (a) 25 (b) 30 (c) 50 (d) 45

**42. Speed of a boat in still water is 9 km/hr. It goes 12 km down stream and comes back to the starting point in three hours. What is the speed of water in the stream?**

- (a) 3 km/hr (b) 4 km/hr (c) 4.5 km/hr (d) 5 km/hr

**43. A student was asked to add 16 and subtract 10 from a number. He by mistake added 10 and subtracted 16. If his answer is 14 what is the correct answer?**

- (a) 20 (b) 26 (c) 30 (d) 32

**44. Find the area of a right angled triangle whose hypotenuse is 10 cm and base 8 cm.**

- (a) 48 sq.cm (b) 34 sq.cm (c) 24 sq.cm (d) 42 sq.cm

**45. Find the next term of the series: 3, 6, 9, 18, 27, 54, .....**

- (a) 81 (b) 69 (c) 63 (d) 57

**46. A number consists of 20 plus 20% of its value. The number is:**

- (a) 20 (b) 22 (c) 25 (d) 30

**47.  $20\%$  of 5 +  $5\%$  of 20 =**

- (a) 5 (b) 2 (c) 6 (d) 21

**48. The angle between the minute hand and the hour hand of a clock, when the time is 8.30**

(a) 800 (b) 600 (c) 1050 (d) 750

**49. Rs. 1581 is divided among A, B and C in the ratio 10 : 15 : 6. What is the share of B?**

(a) 306 (b) 765 (c) 700 (d) 510

**50. The sum of four consecutive counting numbers is 154. Find the smallest number:**

(a) 36 (b) 37 (c) 38 (d) 31

### Answers:

1 A	11 B	21 C	31 D	41 A
2 B	12 A	22 B	32 D	42 A
3 A	13 D	23 A	33 B	43 B
4 B	14 D	24 C	34 D	44 C
5 C	15 A	25 B	35 C	45 A
6 B	16 C	26 A	36 D	46 C
7 C	17 D	27 B	37 B	47 B
8 D	18 A	28 D	38 C	48 D
9 C	19 C	29 C	39 C	49 B
10 B	20 B	30 B	40 C	50 B