

Question Paper For ITI Trainees for PSU Exams.

SET-6(For all trainees)

1. Which of the following places is known for path figurine painting ?
 - (1) Painting
 - (2) Raghurajpur
 - (3) Pipili
 - (4) Jajpur
2. A car covers the 13 rd of its total distance at 60 kmph. next 13 rd at 30kmph and the remaining distance at 10 kmph, then what is the average speed of the whole journey?
 - (1) 33 kmph
 - (2) 25 kmph
 - (3) 20 kmph
 - (4) 15 kmph
3. Who is the present captain of Indian National Hockey team?
 - (1) Dhanraj Pillai
 - (2) Probodh Tirki
 - (3) Gaganjit Singh
 - (4) Dilip Tirki
4. Who built the famous Jagannath temple ?
 - (1) Ashoka
 - (2) Kharvel
 - (3) Jajati Keshari
 - (4) Chola Gangdev
5. What will be the compound interest on a sum of Rs. 6000 for 2 years at the rate of 12% per annum ?
 - (1) Rs. 1526
 - (2) Rs. 1772
 - (3) Rs. 1886
 - (4) Rs. 2072
6. Indicating towards a picture Rita tells her daughter. 'He is the only son of my mother's mother.' How is Rita related to that man?
 - (1) Sister
 - (2) Nephew / Niece
 - (3) Aunt / Maternal mother
 - 4) Mother
7. Recently, the Mittal group acquired the steel company_____.
 - (1) Arcellor
 - (2) Chorus
 - (3) Posco
 - (4) Jindal
8. Where is the headquarters of UNESCO located ?
 - (1) Paris
 - (2) Oslo

- (3) Rome
(4) Istanbul
9. Which of the following locations is known for missile test?
(1) Chandipur
(2) Pokharan
(3) Shri Harikota
(4) Sunderban
10. When the rate of interest is decreased to 12.5% p.a. from 13% there is a loss of Rs. 104 in the annual income. What is the principal?
(1) Rs. 20800
(2) Rs. 21200
(3) Rs. 22400
(4) Rs. 23200
11. The Kalinga battle was fought near which of the following places ?
(1) Barabati
(2) Balasore
(3) Dhouli (4) Udaygiri
12. Which least number when added to 2000 makes it exactly divisible by 19?
(1) 7
(2) 11
(3) 14
(4) 17
13. Which kind of energy is there in a stretched rubber band?
(1) Kinetic
(2) Magnetic
(3) Potential
(4) Constant
14. Hindustan Zinc plant is located at
(1) Engule
(2) Udaipur
(3) Kakinanda
(4) Vishakhapatnam
15. Which is the longest river of India ?
(1) Godavari
(2) Krishna
(3) Sindhu
(4) Ganges
16. At which of the following places was located an important village of old Kalinga?
(1) Puri (2) Baripada
(3) Tosali (4) Kyonjhar
17. Who was awarded first with Prime Minister prize for significant work in public administration?
(1) Y.V. Reddy
(2) Bimal Jalan
(3) N. Gopaldaswamy
(4) Rajiv Chawla
18. Which part of the body is affected by Pneumonia ?

- (1) Brain (
- 2) Heart
- (3) Lungs (4) Kidney
19. The average weight of A,B and C is 70 kg but the average weight of A and B is 90 kg. What is the weight of C?
- (1) 30 kg.
- (2) 35 kg
- (3) 40 kg.
- (4) 45 kg.
20. Which river originates from Orissa and merges with Godavari?
- (1) Brahmani
- (2) Rushikulya
- (3) Nagawali
- (4) Indravati
21. The Chilka lake is famous for
- (1) White Whale
- (2) White Shark
- (3) White Dolphin
- (4) White Prawn
22. Light, radiowaves and X-rays are_____ waves.
- (1) Electro magnetic
- (2) Nuclear
- (3) Magnetic resonance
- (4) Seismic
23. Which of the following is a red planet ?
- (1) Jupiter (2) Mars
- (3) Mercury (4) Sun
24. The ratio of A and B is 5:7. The value of A is 185, then B is equal to
- (1) 129
- (2) 239
- (3) 259
- (4) 379
25. The headquarters of World Health Organization is located at
- (1) Geneva
- (2) Paris
- (3) Berlin
- (4) Washington
26. Minimum number that should be added to 23087 to make it completely divisible by 8 is.....
- (a) 1 (b) 2 (c) 3 (d) 4
- Ans: - A
27. The angles ABC are $5x^\circ$, $7x^\circ$ and $6x^\circ$ respectively. What is the measure of the $\angle BCA$?
- (a) 500 (b) 600 (c) 700 (d) cannot decide
- Ans: - C
28. $390\frac{2}{3} - 1000\frac{1}{3} - 201\frac{2}{3} - 34 = ?$
- (a) 895 (b) 1540 (c) 1620 (d) 1780
- Ans:- C

29. $2100 \hat{A}, 84 = \sqrt{?}$

- (a) 25 (b) 35 (c) 1225 (d) 625

Ans:- D

30. Ratio of costs of a table and a chair is 5:3 . If the tables cost Rs. 500 more than the cost of chair's, what is the chair's cost?

- (a) Rs. 1250 (b) Rs. 1750 (c) Rs. 1450 (d) Rs. 750

Ans:- D

31. $1646 - 13 \tilde{A} - 18 + 249 = ? + 875$

- (a) 786 (b) 687 (c) 2486 (d) 2356

Ans:- A

32. A number when divided by 5 leaves the remainder 3. What is the remainder when the square of the same number is divided by 5?

- (A) 9 (b) 3 (c) 0 (d) 4

Ans:- D

33. $12\% 650 + ? \% \text{ of } 400 = 110$

- (a) 25 (b) 18 (c) 8 (d) 80%

Ans:- C

34. A train 'A' crosses a 160 m standing train 'B' in 15 sec and a standing person in 9 sec. What is its speed?

- (a) 96 km/hr (b) 72 km/hr (c) 84 km/hr (d) 92 km/hr

Ans:- A

35. The type of matrix

$$\begin{pmatrix} \sqrt{2} & 0 & 0 \\ 0 & \sqrt{3} & 0 \\ 0 & 0 & \sqrt{2} \end{pmatrix}$$

is?

- (a) Scalar (b) Unit (c) Diagonal (d) Transpose

Ans:- C

36. The value of $\log 10000$ is

- (a) 4 (b) 8 (c) 5 (d) 6

Ans:- A

37. The sum of all numbers between 800 and 1100 which are divisible by 79 is

- (a) 2846 (b) 2844 (c) 3844 (d) 3584

Ans:- B

38. The difference between the squares of any two consecutive integers is equal to

- (a) Product of two numbers (b) Sum of two numbers
(c) Difference of two numbers (d) An even number

Ans:- B

39. 74 is divided into two parts so that 5 times one part and 11 times the others part are together equal to 454. Then the parts are

- (a) 14,60 (b) 60,14 (c) 30,44 (d) 20,34

Ans:- B

40. If 4 workers can make 42 toys in 6 days, how many toys can 12 workers make in 3 days?

- (a) 63 (b) 28 (c) 252 (d) 7

Ans:- A

41. The price of 349 coconuts are Rs 2094. What will be the price of 26 dozens of coconuts?

(a) Rs 1662 (b) Rs 1562 (c) Rs 2062 (d) Rs 1872

Ans:- D

42. The area of a rectangular field is 10 times of its length. If the breadth of the field is 10m, what is its length?

(a) 40m (b) 25m (c) 20m (d) data inadequate

Ans:- D

43. The salary of an employee was reduced by 40% first and then was increased by 50%. How much percent did he lose?

(a) 15% (b) 20% (c) 10% (d) 12%

Ans:- C

44. If 9 men & 15 women can do a piece of work in 25 days, then 39 men and 10 women will complete the same work in

(a) 7 days (b) 6 days (c) 5 days (d) 4 days

Ans:- C

45. One person took a loan of Rs. 5000 for 3 yrs on simple interest. After three years he paid back Rs. 6200 including the principal and the interest accrued.

Calculate the rate of interest.

(a) 6% (b) 7% (c) 8% (d) 7.5%

Ans:- C

46. The smallest number which when added to the number 1154 makes it a perfect square is

(a) 1 (b) 2 (c) 3 (d) 4

Ans:- B

47. The present age of Ramesh is $\frac{1}{4}$ of his father's age. After 4 years, the sum of their ages will be 68. What is the present age of Ramesh?

(a) 10 yrs (b) 15 yrs (c) 16 yrs (d) 12 yrs

Ans:- B

48. Sheet metal required to make a hollow cone of height 24 cm and radius 7 cm is

(a) 407 cm² (b) 250 cm² (c) 704 cm² (d) 400 cm²

Ans:- C

49. If 42 men can do a work in 15 days, how many men are required to complete it in 21 days?

(a) 24 (b) 36 (c) 30 (d) none of these

Ans:- A

50. Average marks in Maths in a class of 40 students is 45. Average of all the 30 boys is 50. Then the average marks obtained by the girls is

(a) 30 (b) 35 (c) 25 (d) none of these

Ans:- A

51. The largest angle of a quadrilateral is two times the smallest angle. If the angles form a series (a, a+d, a+2d, a+3d), the other two angles would be

(a) 600, 1200 (b) 800, 1000 (c) 900, 1000 (d) 700, 900

Ans:- B

52. A mixture of 20 kg of spirit and water contains 10% water. How much water must be added to this mixture to raise the percentage of water to 25%

(a) 4 kg (b) 5 kg (c) 8 kg (d) 30 kg

Ans:- A

53. A shopkeeper bought locks at the rate of 8 locks for Rs. 34 and sold them at 12 locks for Rs. 57. The number of locks he should sell to have a profit of Rs. 900 is

(a) 1400 (b) 1600 (c) 1800 (d) 2000

Ans:- C

54. A person travels equal distance with speed of 3 km/hr; 4 km/hr and 5 km/hr. and takes a total time of 47 minutes. The total distance (in km) is

(a) 1 (b) 3 (c) 4 (d) 5

Ans:- A

55. The perimeter of a circular and another square field are equal. Find the area in sq.m of the circular field if the area of the square field is 484 sq.m.

(a) 888 (b) 770 (c) 616 (d) None of these

Ans:- C

56. If the compound interest on a certain sum for 2 yrs at 10% annum is Rs. 2100, the simple interest on it at the same rate for 2 yrs will be.

(a) Rs. 1700 (b) Rs. 1800 (c) Rs. 1900 (d) Rs. 2000

Ans:- D

57. The diagonal of a square A is $x + y$. The diagonal of a square 'B' with twice the area of A is

(a) $2(x + y)$ (b) $x + 2y$ (c) $\sqrt{2}(x + y)$ (d) $2x + 4y$

Ans:- C

58. If $10x+3y : 5n+2y = 9:5$, then $x : y$ is

(a) 3:5 (b) 5:3 (c) 2:5 (d) 1:2

Ans:- A

59. Free International CallsSMS & Call Friends for Free across the World. Call Now! Safe Feed Of My BabyFor Safe Feeding And Healthy Baby, visit. Your Ad HereA conical tent of radius 12m and height 16m is to be made. Find its cost if canvas is Rs. 10 per m²

(a) Rs 7543 (b) Rs 7445 (c) Rs 7342 (d) 7600

Ans:- A

60. 1, 5, 14, 30, ?, 91

(a) 45 (b) 55 (c) 46 (d) 60

Ans:- B

61. 1, 2, 4, 6, 7, 10, 10, ?, 13

(a) 7 (b) 11 (c) 14 (d) 12

Ans:- C

62. 2, 6, 30, 60, 130, ?

(a) 210 (b) 216 (c) 200 (d) 160

Ans:- A

63. Minimum number that should be added to 23087 to make it completely divisible by 8 is.....

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64. The angles ABC are $5x^\circ$, $7x^\circ$ and $6x^\circ$ respectively. What is the measure of the $\hat{A} + \hat{B} + \hat{C}$?

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