

Sample Paper For ITI Tranees for PSU Exam

Set-5

1. Who is known as the 'Iron Man of India'?

- A. Bal Gangadhar Tilak
- B. Lala Lajpat Rai
- C. Sardar Vallabhbhai Patel
- D. Subhash Chandra Bose

Ans. ©

2. In which of the following fields did Tenzing Norgay distinguish himself?

- A. Boxing
- B. Mountaineering
- C. Archery
- D. Hockey

Ans. (B)

3. Who was the first lady Prime Minister of the World?

- A. Sirimavo Bhandranaike
- B. Margaret Thatcher
- C. Indira Gandhi
- D. Golda Meir

Ans. (A)

4. Where is Central Potato Research Institute?

- A. Shimla
- B. Lucknow
- C. Kanpur
- D. Bhopal

Ans. (A)

5. With which field is 'Vikram Seth' associated?

- A. Space Research
- B. Literature
- C. Journalism
- D. Music

Ans. (B)

6. India's anti-tank missile is:

- A. Akash
- B. Agni
- C. Prithvi
- D. Nag

Ans. (D)

7. The major difference between the Moderates and the Extremists in the Congress Session of 1907 was regarding

- (a) Education
- (b) Boycott
- (c) Satyagraha
- (d) Swaraj

Ans. (b)

8. Devaluation of currency helps in promoting—

- (a) imports
- (b) exports
- (c) tourism
- (d) national income

Ans. (b)

9. Which Indian State is the largest producer of cashew nuts?

- (a) Madhya Pradesh
- (b) Kerala
- (c) Assam
- (d) Andhra Pradesh

Ans. (b)

10. 1930 is associated with—

- (a) Presentation of Nehru Report
- (b) Dandi March
- (c) Second Round Table Conference
- (d) Lahore Congress

Ans. (b)

11. Indian Railways has recently decided to set up a new Wheel & Axle factory at:

- A. Chhapra
- B. Harnaut
- C. Jamalpur
- D. Darbhanga

Ans. (A)

12. Match the following cities of South India with their States:

- (a) Coimbatore 1. Kerala
- (b) Cochin (Kochi) 2. Karnataka
- (c) Mangalore 3. Tamil Nadu
- (d) Vijayanagar 4. Andhra Pradesh

- A. a-1, b-3, c-4, d-2
- B. a-3, b-1, c-2, d-4
- C. a-1, b-3, c-2, d-4
- D. a-3, b-1, c-4, d-2

Ans. (B)

13. With which of the following gland/organ is 'diabetes' associated?

- A. Thyroid
- B. Liver
- C. Pancreas
- D. Kidney

Ans. ©

14. Cornea is a part of which of the following organs of human body?

- A. Heart
- C. Eye
- B. Kidney
- D. Ear

Ans. ©

15. The blood cholesterol level in 100 ml of blood in a normal person varies between:

- A. 250 to 350 mg
- B. 150 to 250 mg
- C. 100 to 150 mg
- D. 50 to 100 mg

Ans. ©

16. Choose the correct chronological order of dynasties:

- A. Lodi, Slave, Tughlaq, Khilji
- B. Slave, Tughlaq, Khilji, Lodi
- C. Khilji, Lodi, Slave, Tughlaq
- D. Slave, Khilji, Tughlaq, Lodi

Ans. (D)

17. Token currency was introduced in India for the first time by:

- A. Firuz Shah Tughlaq
- B. Muhammad bin Tughlaq
- C. Alauddin Khilji
- D. Qutubuddin Aibak

Ans. (B)

18. Which of the following pairs is incorrect?

- A. Bairam Khan — Akbar
- B. Jaswant Singh — Aurangzeb
- C. Amir Khusrau — Jehangir
- D. Ambar Malik — Humayun

Ans. ©

19. Match the following ancient books with their authors:

- (a) Mahabharata 1. Kalidasa
- (b) Kadambari 2. Panini
- (c) Meghadoot 3. Banabhatta
- (d) Asthadhyayi 4. Ved Vyas

- A. a-4, b-2, c-1, d-3,
- B. a-1, b-2, c-3, d-4
- C. a-4, b-3, c-1, d-2
- D. a-2, b-3, c-1, d-4

Ans. ©

20. Which of the following can be used for checking inflation temporarily?

- (a) Decrease in taxes
- (b) Increase in wages
- (c) Decrease in money supply
- (d) None of these

Ans. ©

21. With which aspect of Commerce are 'bull' and 'bear' associated?

- A. Banking
- B. Foreign Trade
- C. Stock Market
- D. Internal Trade

Ans. ©

22. The Tenth Five-Year Plan pertains to which period?

- A. 2000-01 to 2004-05
- B. 2001-02 to 2005-06
- C. 2002-03 to 2006-07
- D. 2003-04 to 2007-08

Ans. ©

23. Debt service ratio implies ratio between:

- A. export and total payout on debt
- B. import and total debt
- C. domestic saving and import
- D. domestic saving and total debt

Ans. (A)

24. Who said, "where wealth accumulates, men decay"?

- A. Abraham Lincoln
- B. Mao-Tse-Thng
- C. Karl Marx
- D. Goldsmith

Ans. (D)

25. Gresham's law in economic relates to:

- A. distribution of goods and services
- B. circulation of currency
- C. supply and demand
- D. consumption and supply

Ans. (B)

26. Which of the following statements regarding the Constituent Assembly is true?

- 1. It is not based on Adult Franchise
 - 2. It resulted from direct elections
 - 3. it was a multiparty body
 - 4. it worked through several committees
- A. 1 and 2
 - B. 2 and 3
 - C. 1 and 4
 - D. 1, 2, 3 and 4

Ans. ©

27. Which of the following bills cannot be introduced first in the Rajya Sabha?

- A. Money Bills
- B. Bills pertaining, to the powers of the Supreme court of State Judiciary
- C. Bills proclaiming the state of emergency arising out of war or external aggression
- D. Bills bringing a State under emergency rules

Ans. (A)

28. How long can a person continue to be a Minister without being a member of either Houses of the Parliament?

- A. 3 months
- B. 6 months
- C. 1 year
- D. No time limit

Ans. (B)

29. Centigrade and Fahrenheit scales give the same reading at:

- A. -273°
- B. -40°
- C. -32°
- D. 100°

Ans. (B)

30. Match the scientists with their inventions:

- (a) C. Marconi 1. Gramophone
- (b) J.L. Baird 2. Radio
- (c) Alexander Graham Bell 3. Television
- (d) Thomas Alva Edison 4. Telephone

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

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

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

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

Ans. (D)

31. In the process of galvanization, an iron sheet is coated with:

- A. aluminum
- B. zinc
- C. tin
- D. chromium

Ans. (B)

32. Rate of evaporation does not depend upon:

- A. temperature of the liquid
- B. surface area of the liquid
- C. mass of the liquid
- D. air pressure

Ans. ©

33. Which of the following process produce Hydrogen gas?

- A. Electrolysis of water
- B. Passing of steam over red hot iron
- C. Reaction of zinc with hydrochloric acid
- D. All of these

Ans. (A)

34. Match the following with their chemical formulae

- (a) Common Salt 1. Na_2SiO_3
- (b) Alum 2. NaCl
- (c) Gypsum 3. $\text{K}_2\text{SO}_4 \cdot \text{Al}_2(\text{SO}_4)_3 \cdot 24\text{H}_2\text{O}$
- (d) Quartz 4. $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$

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

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

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

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

Ans. (A)

35. Which of the following is an element?

- A. Ruby
- B. Sapphire
- C. Emerald
- D. Diamond

Ans. (D)

36. Which of the following is true regarding a catalyst?

1. It increases the rate of reaction
 2. It increases the activation energy
 3. It reduces the activation energy
 4. It is consumed in the reaction
- A. 1 and 2
B. 1 and 3
C. 2 and 4
D. 3 and 5

Ans. (B)

37. The hydraulic automobiles application of:

- A. Archimedes' Principle
- B. Pascal's law
- C. Bernoulli's theorem
- D. Faraday's law

Ans. (B)

38. Match the following countries with their capitals:

- (a) Nigeria 1. Luanda
(b) Qatar 2. Abuja
(c) Zambia 3. Lusaka
(d) Angola 4. Doha
- A. a-2, b-4, c-3, d-1
B. a-4, b-3, c-2, d-1
C. a-1, b-2, c-3, d-4
D. a-4, b-2, c-3, d-1

Ans. (A)

39. Which of the following planets orbits around the sun in backward direction from east to west?

- A. Earth
- B. Mercury
- C. Venus
- D. Jupiter

Ans. ©

40. More than two third of world's tin comes from which country?

- A. China
- B. Malaysia
- C. Nigeria
- D. Brazil

Ans. (A)

41. The largest temple in the world

- A. Meenakshi Temple
- B. Angkor Vat
- C. Pashupati Nath Temple of Nepal
- D. Kashi Vishwanath Temple

Ans. (B)

42. Aryabhata was India's renowned:

- A. Poet
- B. Physicist
- C. Mathematician
- D. Physician

Ans. ©

43. Which of the following pair does not match?

- A. Sariska Sanctuary – Rajasthan
- B. Kaziranga National Park – Assam (Asom)
- C. Ghana Bird Sanctuary – Meghalaya
- D. Shivpuri National Park – Madhya Pradesh

Ans. ©

44. Match the following hill stations of India with their states:

- (a) Gulmarg 1. Rajasthan
- (b) Dalhousie 2. Madhya Pradesh
- © Mt. Abu 3. Jammu and Kashmir
- (d) Panchmarhi 4. Himachal Pradesh
- 5. Uttaranchal

- A. a-3, b-4, c-1, d-2
- B. a-5, b-3, c-i, d-2
- C. a-4, b-3, c-2, d-5
- D. a-5, b-4, c-2, d-1

Ans. (A)

45. On which river the Pong Dam has been constructed?

- A. Ganga
- B. Tapti
- C. Yamuna
- D. Beas

Ans. (D)

46. Which country is the world's largest supplier of silk?

- A. USA
- B. Japan
- C. China
- D. India

Ans. ©

47. Which one of the following does not contribute to development in India?

- A. Technological research
- B. Population growth
- C. Diversification of industry
- D. Increased saving

Ans. (B)

48. 'Jog' the highest water fall in India is located in the state of

- A. Uttaranchal.
- B. Jammu and Kashmir
- C. Tamil Nadu
- D. Karnataka

Ans. (D)

49. The President can proclaim emergency on the written advice of the:

- A. Chief Justice
- B. Vice-President
- C. Prime Minister
- D. Union Cabinet

Ans. ©

50. The first state in India carved out on a linguistic basis was:

- A. Andhra Pradesh
- B. Orissa
- C. Manipur

D. Kerala
Ans. (A)

Directions Q: 1-2: In these questions, select suitable word/phrases to fill in blank

51. He deals_____ grocery nowadays.

1. out 2. in 3. with 4. for

Answer: 2

52. He is popular_____ his subordinates

1. through 2. with 3. within 4. in

Answer: 2

Directions Q: 3-4: In these questions, select a word which is opposite in meaning to the given word in Capital letters.

53. FINALLY

1. Lately 2. Timely 3. Usually 4. Initially

Answer: 4

54. PERMIT

1. Check 2. Disallow 3. Decline 4. Allow

Answer: 2

Directions (Q.Nos. 5-7): In following questions a word has been written four different ways out of which only one is correctly spelt. Find the correctly spelt word.

55. A) Occasonal B) Occassional C). Occasional D) Ocassional

Answer: C

56. A). Arearrs B) . Arierrs C) Arrears D) Arriers

Answer: C

57. A) Warranty B) Warrantey C) Waranty D) Warantey

Answer: A

Directions Q: 8-10: In each of the following questions, a sentence has been divided into three parts and they are marked (1), (2) and (3). Find out the part in which there is an error mark its number as your answer. Mark (4) as your answer if there is no error.

58. Not only he/but also his son were blamed for the act and rightly so/No error

(1) (2) (3) (4)

Answer: (2)

59. Shanta is a student / whom we all expect / will stand first in the lass / No error

(1) (2) (3) (4)

Answer: (2)

60. I am obliged with you / and your entire family / for showing kindness to us / No error

(1) (2) (3) (4)

Answer: (1)

61. The earth orbits around the sun making one revolution

1. every day 2. every month 3. every year 4. every ten years

Answer: 3

62. Who among the following won the Nobel Prize in Physics?

1. C.V. Raman 2. J.C. Bose 3. R.N. Tagore 4. None of these

Answer: 1

63. In which state is Bhakra-Nangal dam located?

1. Punjab
2. Uttar Pradesh
3. Maharashtra
4. Uttaranchal

Answer: 1

64. What is the voltage of domestic electric supply in India?

1. 220 Volts AC
2. 220 Volts DC
3. 440 Volts AC
4. None of these

Answer: 1

65. Which of the following is the capital of the state of Uttaranchal?

1. Allahabad
2. Haridwar
3. Dehradun
4. Ranchi

Answer: 3

66. The kuchipudi dance originated in

1. Andhra Pradesh
2. Tamil Nadu
3. Kerala
4. Karnataka

Answer: 1

67. Which of the following gases is lightest?

1. Nitrogen
2. Carbon dioxide
3. Hydrogen
4. Oxygen

Answer: 3

68. Which of the following does not fit into the series: 1, 3, 7, 15, 27, 63, 127?

1. 7
2. 63
3. 27
4. 15

Answer: 3

69. Which of the following is different from the other three?

1. CBUV
2. YXTU
3. RQOP
4. JIML

Answer: 4

70. If the first day of a year (which is not a leap year) is Friday, then what will be the last day of that year?

1. Saturday
2. Friday
3. Monday
4. Tuesday

Answer: 2

71. The National flower of India is

1. Rose
2. Marigold
3. Lotus
4. sun flower

Answer: 3

72. Which of the following of the highest Civilian Award of India?

1. Padma Vibhushan
2. Ashok Chakra
3. Bharat Ratna
4. Param vir Chakra

Answer: 3

73. Which of the following planet is nearest to the Sun?

1. Mercury
2. Earth
3. Jupiter
4. Venus

Answer: 1

74. In a code language HOUSE is written a INVRF. How will CROWD be written in that language?

1. DQPVE
2. DQPVK
3. DQVPE
4. DQEOPV

Answer: 1

75. Arrange the following words in a logical order:

- I. Cotton
- II. Cloth
- III. Suit
- IV. Thread

1. I, II, IV, III
2. I, IV, II, III
3. II, I, IV, III
4. IV, I, II, III

Answer: 2

76. What is related to WOLF in the same way as PIT is related to TIP?

1. FOWL
2. BLOW
3. FLOW
4. GLOW

Answer: 3

Directions Q: 27 to 29 In these questions, which alternative will come in place of the question mark?

77. FED : MKI :: PON : ?

1. WUS

78. K/T : 11/20 :: J/R : ?

1. 10/8 2. 10/18 3. 11/19 4. 5/9

Answer: 2

79. Which of the following will come in place of the question mark in the series given below

KNZ, MKX, OHV, QET, ?

1. SAR 2. SAQ 3. SBR 4. RAR

Answer: 3

Directions Q: 30- 34: In these questions, what will come in place of the question marks?

80. $22222/? = 11$

1. 20202 2. 2022 3. 222 4. None of these

Answer: 4

81. $3848 / 16 + 9 = ?$

1. 240.5 2. 249.5 3. 24.05 4. 33.5

Answer: 2

82. $9/4 - ?/16 = ?$

1. 80 2. 36 3. 20 4. $2 \frac{1}{4}$

Answer: 3

83. $149.01 + 3.621 + 1.1 = ?$

1. 153.623 2. 143.731 3. 153.821 4. 153.731

Answer: 4

84. $(45)^2 - (41)^2 = 7 \times 4$

1. 4 2. 86 3. 344 4. 1376

Answer: 2

85. A student secures 90 percent, 60 percent and 54 percent marks in test papers with 100, 150, and 200 respectively as maximum marks. The percentage of this aggregate is

1. 64 2. 68 3. 70 4. None of these

Answer: 1

86. A shopkeeper sells one radio for Rs. 840 at a gain of 20 percent and another for Rs. 960 at a loss of 4 percent. What is his total gain or loss percentage?

1. 16 percent gain 2. $5 \frac{15}{17}$ percent loss 3. $5 \frac{15}{17}$ percent gain 4. None of these

Answer: 3

87. In what time will Rs. 500 become Rs. 600 at simple interest @ 10 percent annum?

1. 2 years 2. 3 years 3. $2 \frac{1}{2}$ years 4. $3 \frac{1}{2}$ years

Answer: 1

88. A car moves at the speed of 72 km per hour. The time taken for traveling 72 meters is

1. 1 sec 2. 1 min 3. 3.6 sec 4. 4 sec

Answer: 3

89. 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

90. 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

91. 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

92. 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

93. 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

94. 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

95. 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

96. 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

97. 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

98. 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

99. 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

100. 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