

Sub Inspector [SI] Examination Solved Question paper

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Solved Question paper of Kerala PSC Sub Inspector Examination Conducted on 2004.

1. Which one of the following statements is not correct?
(A) The President can dissolve the Lok Sabha
(B) The Vice President is ex-officio Chairman of the Rajya Sabha.
(C) Money bills cannot be introduced in the Rajya Sabha
(D) One third of the Rajya Sabha members retire every third year.
2. The law of gravitation was discovered by:
(A) Newton
(B) Charles Darwin
(C) William Harvey
(D) Einstein
3. The best conductor of electricity is:
(A) Copper
(B) Graphite
(C) Aluminium
(D) Silver
4. The most intelligent animal is
(A) Elephant
(B) Monkey
(C) Chimpanzee
(D) Dog
5. When ice melts. It's volume:
(A) Increase
(B) Decreases
(C) Remains the same
(D) First decreases then increases
6. Telephone was invented by:
(A) Alfred Nobel
(B) Graham Bell
(C) W.Shockely
(D) Samuel Morso
7. Three primary colours of light are:
(A) Red, green ,blue
(B) Red, yellow ,green
(C) Red,yellow, blue
(D) Green,blue,yellow

8. Red Blood Cells (RBC) are formed in:

- (A) Muscles
- (B) Veins
- (C) Bone Marrow
- (D) Heart

9. Spring balance is used to measure

- (A) Mass
- (B) Thrust
- (C) Pressure
- (D) Weight

10. Universal donor in blood transfusion belongs to the blood group:

- (A) A
- (B) B
- (C) O
- (D) AB

11. The first President of the Indian National Congress was:

- (A) A.O Hume
- (B) W.C Bannerji
- (C) Rabindra Nath Tagore
- (D) C.Rajagopalachari

12. Human Rights Day is observed on:

- (A) 10th December
- (B) 14th November
- (C) 30th January
- (D) 1st May

13. The tean Knock out is associated with:

- (A) Chess
- (B) Hockey
- (C) Boxing
- (D) Football

14. How many players play on each side in volleyball?

- (A) 11
- (B) 9
- (C) 7
- (D) 6

15. Bharathiya Jnanpith Award was instituted in:

- (A) 1976
- (B) 1944
- (C) 1970
- (D) 1980

16. The first Indian to get the Nobel Prize is:

- (A) Rabindra Nath Tagore
- (B) C.Rajagopalachari
- (C) C.V.Raman

(D) Dr. Hargobind Khorana

17. A friend in need is a friend indeed is ascribed to:

- (A) Shakespeare
- (B) Winston Churchill
- (C) Tennyson
- (D) Milton

18. "A thing of beauty is a joy forever" is a line written by:

- (A) Keats
- (B) Shelley
- (C) Pope
- (D) Tennyson

19. I.L.O. stands for:

- (A) International Labour Organisation
- (B) Indian Labour Organisation
- (C) International Law Organisation
- (D) Indian Legal Office

20. F.R.C.S stands for:

- (A) Fellow of the Royal Civil Service
- (B) Fellow of the Royal College of Science
- (C) Fellow of the Royal Collage of Science
- (D) Fellow of the Royal Council of Surgeons

21. Which of the following is an example for partial parasite?

- (A) Lichen
- (B) Loruthus
- (C) Pepper Plant
- (D) Vanda

22. The medulla oblongata is concerned with the control of:

- (A) Hearing
- (B) Heartbeat
- (C) Vision
- (D) Balance of the body

23. In the human body, insulin is produced by

- (A) Liver
- (B) Skin
- (C) Pancreas
- (D) Pituitary gland

24. Which of the following is necessary for the formation of hemoglobin?

- (A) Iron
- (B) Salt
- (C) Phosphorous
- (D) Sulphur

25. The author of Panchatantra is:

- (A) Kalidas
- (B) Vishnu Sharma

- (C) Valmiki
- (D) Chanakyan

26. The first five year plan was started in the year:

- (A) 1951
- (B) 1952
- (C) 1953
- (D) 1954

27. Which one of the following is in the concurrent list of the Constitution of India?

- (A) Finance
- (B) Agriculture
- (C) Education
- (D) Commerce

28. For a group to come into existence, it is essential that people:

- (A) Are at one place
- (B) Owe allegiance to a leader
- (C) Like one another
- (D) Have a common goal

29. The main fuel for the body to produce energy is:

- (A) Insulin
- (B) Protein
- (C) Glucose
- (D) Fat

30. The philosophy of Adwaita is associated to:

- (A) Sri Sankaracharya
- (B) Sri Buddha
- (C) Sri. Vivekananda
- (D) Sri Ramakrishna Paramahansa

31. Who introduced English education in India?

- (A) Cornwallis
- (B) Rippon
- (C) Dalhousie
- (D) William Bentinck

32. Who announced an American model Constitution for Travancore?

- (A) Rajagopala Achari
- (B) C.P.Ramaswami Iyer
- (C) Pazhassi Raja
- (D) Paliath Achen

33. The first English School in Kerala was established at:

- (A) Mattancherry
- (B) Thiruvananthapuram
- (C) Kozhikode
- (D) Kollam

34. The district of Kerala having the highest urban population is:

- (A) Trivandrum
- (B) Eranakulam
- (C) Kozhikode
- (D) Kollam

35. Who emphasized the need for compulsory primary education in India?

- (A) Nehru
- (B) Ram Mohan Roy
- (C) Gokhale
- (D) Rabindra Nath Tagore

36. The Five -Year Plan of the period 2002- 2007 is:

- (A) 9th
- (B) 10th
- (C) 11th
- (D) 12th

37. Effective communication will make the receiver:

- (A) Think over it
- (B) Accept it
- (C) Pass it on to others
- (D) Enjoy it

38. Which country is not a member of SAARC?

- (A) Bhutan
- (B) Myanmar
- (C) Maldives
- (D) Bangladesh

39. Which country's Parliament has the largest membership?

- (A) India
- (B) United States
- (C) China
- (D) Japan

40. The state with the smallest population in India is:

- (A) Mizoram
- (B) Arunachal Pradesh
- (C) Goa
- (D) Sikkim

41. 0,7,26,63,124,.....

- (A) 215
- (B) 216
- (C) 225
- (D) 185

42. If $3 + 3 = 27$; $4 + 7 = 84$ and $5 + 7 = 105$, then $6 + 7 = \dots\dots\dots ?$

- (A) 136
- (B) 126
- (C) 106

(D) 86

43. In a military mode. TARGET IS WRITTEN as RATTEG. Using the same code BRIDGE should be written as:

- (A) DGE Bri
- (B) IRBDGE
- (C) BRIEGD
- (D) IRBEGD

44. A class has R rows of desks with D desks in each row. On a particular day when all the pupils were present, three seats were found vacant. The number of pupils in the class is:

- (A) $DR + 3$
- (B) $D + R + 3$
- (C) $DR - 3$
- (D) $D + R - 3$

45. A father tells his son, "I was your present age when you were born." If father is 36 now, how old was the son five years back?

- (A) 13
- (B) 18
- (C) 31
- (D) 21

46. The average age of a husband and wife was 22 years when they were married five years back. What is the present average age of the family if they have a three year old child?

- (A) 25 years
- (B) 19 years
- (C) 27 years
- (D) 28 years

47. In an examination, 40 % students fail in Maths, 30% in English and 15% in both. Find the pass percentage.

- (A) 50%
- (B) 65%
- (C) 30%
- (D) 45%

48. A train runs for 2 hrs at the speed of 35km/hr. It runs for 3 1/2 hrs at the speed of 60km/hr and then runs for 2 1/2 hrs at the speed of 70km/hr. Find the average speed of the train:

- (A) 50km/hr
- (B) 55 km/hr
- (C) 56.87km/hr
- (D) 80 km/hr

49. A 300 m. long train passes a pole in 12 secs. What is its speed in km/hour ?

- (A) 40 km/hr
- (B) 72km/hr
- (C) 90km/hr
- (D) 120km/hr

50. One- half of the students at an Indian University study German and $\frac{1}{3}$ of others study French. The remaining 600 do not study any foreign language. How many students are there in the university?

- (A) 7200
- (B) 1800
- (C) 3600
- (D) 2700

51. If P's and Q's ages add up to 42 and P is 10 years junior to R .Who is 8 years senior to Q . What are the ages of P,Q,R respectively ?

- (A) 22years, 22 years, 24 years
- (B) 20years, 22years, 32years
- (C) 12years, 30years, 32years
- (D) 20years, 22yeara, 30years

52. Question Removed

53. What will be the angle between two hands of a clock at time 8.30?

- (A) 90 degree
- (B) 60 degree
- (C) 45 degree
- (D) 75 degree

54. If $\frac{3}{4}$ of a number is equal to $\frac{2}{3}$ of another number, what is the ratio between these two numbers?

- (A) 3:4
- (B) 5:6
- (C) 8:9
- (D) 9:10

55. Q is shorter than P but taller than R. R is shorter than P but taller than A. If the stands in ascending order of height, the sequence is:

- (A) ARQP
- (B) AQRP
- (C) QPAR
- (D) RPQA

56. A,B,C are intelligent. A,D,E are laborious. D,C,E are honest. A B, E are ambitious. Which of the following are not honest?

- (A) A,D
- (B) A,B
- (C) C,A
- (D) C,A,B

57. There are four roads. I have come from the south and want to go to the temple.The road to the right leads me away from the coffee house; straight ahead it leads only to a college. In which direction

- (A) E
- (B) N
- (C) W
- (D) S

58. A cube is to be painted. No two adjacent faces can be coloured the same. What is the least number of colours needed?

- (A) 4
- (B) 3
- (C) 2
- (D) 5

59. Some boys are standing in a queue. If the 10th boy from behind is 5 behind the 12th boy from the front, how many boys are there in the queue?

- (A) 17
- (B) 20
- (C) 27
- (D) 26

60. When 8% of 630 is added to 12% of 315, the sum is:

- (A) 68.2
- (B) 44 .1
- (C) 126
- (D) 88.2

61. According to the Gregorian calender Saka era, our national era begins from which of the following year:

- (A) A.D 622
- (B) A.D 1587
- (C) A.D 319
- (D) A.D 78

62. Indian learnt the art of preparation of horoscope from whom?

- (A) Greeks
- (B) Parthians
- (C) Arabs
- (D) Sakas

63. Kalidasa, the great Indian poet, was in the court of the Hindu emperor:

- (A) Asoka the Great
- (B) Chandragupta 2
- (C) Samudra Gupta
- (D) Chandra Gupta Maurya

64. The Portuguese conquered Goa in the year :

- (A) 1603 A.D
- (B) 1757 A.D
- (C) 1510 A.D.
- (D) 1656 A.D

65. Which one of the following was described by Gandhiji as" a postdated cheque on a failing bank?"

- (A) August offer
- (B) Cripp's Declaration
- (C) Wavell plan
- (D) Cabinet Mission

66. A port where no duties levied on articles of commerce is called:

- (A) Dry port
- (B) International port
- (C) Free port
- (D) Closed port

67. The gravitational pull exerted by the earth is maximum at the:

- (A) South pole
- (B) North pole
- (C) Antarctic circle
- (D) Equator

68. The largest continent is:

- (A) Asia
- (B) America
- (C) Europe
- (D) Africa

69. The biggest planet is:

- (A) Venus
- (B) Pluto
- (C) Mercury
- (D) Jupiter

70. Nautical mile is a unit of distance used in:

- (A) Navigation
- (B) Aviation
- (C) Race
- (D) Space travel

71. Solar eclipse occurs on a:

- (A) Full moon day
- (B) New moon day
- (C) Half moon day
- (D) None of the above

72. India became a member of the United Nations in:

- (A) 1950
- (B) 1951
- (C) 1945
- (D) 1947

73. Silent valley forest area is located in:

- (A) Madhya Pradesh
- (B) Kerala
- (C) Himachal Pradesh
- (D) Sikkim

74. The National Anthem of India was composed by:

- (A) Bankim Chandra Chatterji
- (B) Acharya Vinoba Bhave
- (C) Subash Chandra Bose
- (D) Rabindra Nath Tagore

75. The Indian flag is rectangular in shape and the ratio of the length to breadth is:

- (A) 4:2
- (B) 3:5
- (C) 3:2
- (D) 2:3

76. India's first underground nuclear explosion experiment was done at:

- (A) Thumba in Kerala
- (B) Arvi in Maharashtra
- (C) Pokharan in Rajasthan
- (D) Pokharan in Gujarat

77. India's first scientific satellite Aryabhata was launched into orbit on:

- (A) 19th April 1975
- (B) 1st July 1975
- (C) 26th June 1975
- (D) 18th May 1975

78. The Teacher's Day is observed every year in India On:

- (A) September 5
- (B) November 14
- (C) May 1
- (D) October 19

79. In India census is taken in every:

- (A) Five years
- (B) Year
- (C) Ten years
- (D) Three years

80. The president of India must have completed the age of:

- (A) 25 years
- (B) 35 years
- (C) 40 years
- (D) 50 years

81. In the sentence "No room here," room means:

- (A) Room for rent
- (B) Waiting room
- (C) Accommodation
- (D) Space

82. The idiom to read between lines means:

- (A) To suspect
- (B) To do useless reading
- (C) To read carefully
- (D) To understand the hidden meaning of the writer

83. An autobiography is:

- (A) A statement of the achievements and failures in one's own life
- (B) An account of one's own life
- (C) A narration in the first person

(D) A chronicle of events in one's own life

84. The visitor was given a warm welcome of his

- (A) Arrive
- (B) Arriving
- (C) Arrived
- (D) Arrival

85. I prefer coffee tea

- (A) than
- (B) to
- (C) and
- (D) for

86. Replace the word underlined by right phrase given: Since the weather is bad, we will cancel the meeting arranged for this evening

- (A) give up
- (B) give away
- (C) give in
- (D) give out

87. Replace the word underlined by right phrase: The Government rejected all the demands.....

- (A) put out
- (B) turned down
- (C) made out
- (D) gave out

88. Give the meaning of the following phrase get at.

- (A) pass
- (B) rise
- (C) reach
- (D) to make progress.

89. The word "Elite" means:

- (A) Exquisite
- (B) Dear
- (C) Perfect
- (D) The best

90. The word "Delicacy" means:

- (A) Shy
- (B) Weakness
- (C) Sensitive
- (D) Thin

91. It has been raining in Kerala, six months.

- (A) since
- (B) by
- (C) for
- (D) trom

92. I can write a book grammar:

- (A) on
- (B) in
- (C) about
- (D) of

93. Monkeys live trees.

- (A) on
- (B) in
- (C) upon
- (D) by

94. It is natural man to make mistakes.

- (A) that
- (B) about
- (C) in
- (D) for

95. Identify the conjunction in the following sentence: I ran fast but missed the train.

- (A) but
- (B) ran
- (C) fast
- (D) the

96. Pick out the incorrect sentence:

- (A) We are cousins
- (B) He brought some luggage
- (C) He is waiting here for three hours
- (D) I know all that he said.

97. Pick out the correctly spelt word:

- (A) Fourty
- (B) Seperate
- (C) Secretary
- (D) Curriculum

98. Pick out the incorrectly spelt word :

- (A) Excellant
- (B) President
- (C) Recommend
- (D) Comment

99. Complete the sentence: You would look better, if

- (A) You would have cut your hair.
- (B) You cut your hair
- (C) You have cut your hair
- (D) You will cut your hair.

100. Pick out the correct sentence:

- (A) I prefer coffee than tea
- (B) Politics have divided the country
- (C) Sun rises in east
- (D) He goes to bed at ten in the night

Answer Key

1. D	2. A	3. D	4. C	5. B	6. B	7. A	8. C	9. D	10. C
11. B	12. A	13. C	14. D	15. B	16. A	17. D	18. A	19. A	20. B
21. B	22. B	23. C	24. A	25. B	26. A	27. C	28. D	29. D	30. A
31. D	32. B	33. A	34. B	35. B	36. B	37. B	38. B	39. C	40. D
41. A	42. B	43. D	44. C	45. A	46. B	47. D	48. C	49. C	50. B
51. D	52. A	53. D	54. C	55. A	56. B	57. A	58. B	59. D	60. D
61. D	62. A	63. B	64. C	65. B	66. C	67. D	68. A	69. D	70. A
71. B	72. C	73. B	74. D	75. C	76. C	77. A	78. A	79. C	80. B
81. D	82. D	83. B	84. D	85. B	86. A	87. B	88. C	89. D	90. C
91. C	92. A	93. B	94. D	95. A	96. B	97. C	98. A	99. B	100. D

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