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# Kerala PSC

**Previous Year Paper**  
**Fireman (Trainee)**  
**23 Sept, 2017**





110/2017

A

Question Booklet  
Alpha Code

A

Question Booklet  
Serial Number

472664

Total Number of Questions : 100

Time : 75 Minutes

Maximum Marks : 100

#### INSTRUCTIONS TO CANDIDATES

1. The Question Paper will be given in the form of a Question Booklet. There will be four versions of Question Booklets with Question Booklet Alpha Code viz. A, B, C & D.
2. The Question Booklet Alpha Code will be printed on the top left margin of the facing sheet of the Question Booklet.
3. The Question Booklet Alpha Code allotted to you will be noted in your seating position in the Examination Hall.
4. If you get a Question Booklet where the alpha code does not match to the allotted alpha code in the seating position, please draw the attention of the Invigilator IMMEDIATELY.
5. The Question Booklet Serial Number is printed on the top right margin of the facing sheet. If your Question Booklet is un-numbered, please get it replaced by new Question Booklet with same alpha code.
6. The Question Booklet will be sealed at the middle of the right margin. Candidate should not open the Question Booklet, until the indication is given to start answering.
7. Immediately after the commencement of the examination, the candidate should check that the Question Booklet supplied to him/her contains all the 100 questions in serial order. The Question Booklet does not have unprinted or torn or missing pages and if so he/she should bring it to the notice of the Invigilator and get it replaced by a complete booklet with same alpha code. This is most important.
8. A blank sheet of paper is attached to the Question Booklet. This may be used for rough work.
9. **Please read carefully all the instructions on the reverse of the Answer Sheet before marking your answers.**
10. Each question is provided with four choices (A), (B), (C) and (D) having one correct answer. Choose the correct answer and darken the bubble corresponding to the question number using Blue or Black Ball Point Pen in the OMR Answer Sheet.
11. **Each correct answer carries 1 mark and for each wrong answer 1/3 mark will be deducted. No negative mark for unattended questions.**
12. No candidate will be allowed to leave the examination hall till the end of the session and without handing over his/her Answer Sheet to the Invigilator. Candidates should ensure that the Invigilator has verified all the entries in the Register Number Coding Sheet and that the Invigilator has affixed his/her signature in the space provided.
13. Strict compliance of instructions is essential. Any malpractice or attempt to commit any kind of malpractice in the Examination will result in the disqualification of the candidate.

SEAL



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- Author of the book 'Punjabi Century'  
 A) Govind Nihalani      B) Narayan Bharathi  
 C) Urvashi Bhatalia      D) Prakash Tandon
- It is a situation in which the rains fall for a period and the little rain is not properly distributed to a particular area  
 A) Meteorological Drought      B) Hydrological Drought  
 C) Agricultural Drought      D) Ecological Drought
- Planting of trees for commercial and non-commercial purpose is  
 A) Agro Forestry      B) Rural Forestry  
 C) Farm Forestry      D) Community Forestry
- English education started in Travancore at the time of  
 A) Visakham Tirunal      B) Swathi Tirunal  
 C) Uthram Tirunal      D) Dharmaraja
- \_\_\_\_\_ is not a Martial art in Kerala.  
 A) Velakali      B) Kalaripayattu  
 C) Parisakali      D) Panchavadyam
- The railway station, Venkittanarasimharajuvaripetta is in  
 A) Karnataka      B) Odisha  
 C) Andhra Pradesh      D) Gujarat
- Krishnadevaraya belongs to \_\_\_\_\_ dynasty.  
 A) Tuluva      B) Saluva  
 C) Sangama      D) Aravidu
- The Ain-i-Akbari is made up of five books. The first book is called  
 A) Qila      B) Sipah-Abadi  
 C) Manzil Abadi      D) Mulk Abadi

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9. Payaswini puzha is the tributary of  
A) Bharathapuzha  
B) Chandragiri puzha  
C) Chalakudy puzha  
D) Pampa

10. The district, Kasargod came into being in  
A) 1984  
B) 1982  
C) 1957  
D) 1980

11. The First Five Year Plan in India initially provided for a total outlay of  
A) 1600 crores  
B) 4800 crores  
C) 69303 crores  
D) 2069 crores

12. \_\_\_\_\_ is the pilgrimage to the burial place of Sufi Saints.  
A) Pir  
B) Khangah  
C) Ziyarat  
D) Qawwali

13. Khalsa Panth is related to  
A) Guru Arjun Singh  
B) Guru Gobind Singh  
C) Guru Ramdas  
D) Guru Thejbahadur

14. The second agitation organized by Gandhi against the British Government in India  
A) Non-Co-operation  
B) Quit India Movement  
C) Cripps Mission  
D) Civil Disobedient Movement

15. Leader of Kurichiar Revolt of 1812  
A) Sidhu  
B) Ramanambi  
C) K. C. Narayaniamma  
D) Ambu Nair

16. The oldest stock exchange of Asia  
A) Cochin stock exchange  
B) Tokyo stock exchange  
C) The capital stock exchange  
D) Bombay stock exchange



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25. Rangaswamy Cup is related to  
A) Hockey  
B) Football  
C) Cricket  
D) Volleyball

26. Present Chief Minister of Uttar Pradesh  
A) Manohar Parrikar  
B) Biren Singh  
C) Amarinder Singh  
D) Yogi Adityanath

27. World Book Day is  
A) 22<sup>nd</sup> April  
B) 23<sup>rd</sup> April  
C) 27<sup>th</sup> June  
D) 10<sup>th</sup> June

28. \_\_\_\_\_ is an initiative taken up by the Govt. of Kerala in a mission mode to restructure and revamp the public health system.  
A) Jana Swathanthram  
B) Spandanam  
C) Karma Yojana  
D) Aardram

29. The real name of film actor Chiranjeevi  
A) Vijayadurga  
B) Madhava Rao  
C) Nagendrababu  
D) K. Sivasankara Varaprasad

30. P. K. Mahanta was the Chief Minister of  
A) Haryana  
B) Karnataka  
C) Assam  
D) Orissa

31. Vivekodayam (journal) is related to  
A) Thycaud Ayya  
B) Kumaranasan  
C) Velayudha Panicker  
D) K. M. Seethi Sahib

32. Venganoor is the birth place of  
A) Subhananda Guru  
B) Chattampi Swamikal  
C) Ayyankali  
D) T. Palppu

A

33. Thatwaprakashika Ashram was founded by  
 A) Vagbhanananda  
 B) Pandit Karuppan  
 C) Sree Narayana Guru  
 D) Siva Yogi

34. First President of Travancore Devaswom Board  
 A) K. Kelappan  
 B) N. Bhaskaran Nair  
 C) Anandatheertha  
 D) Mannath Padmanabhan

35. Founder of Travancore Muslim Maha Sabha  
 A) Vakkam Abdul Khader Moulavi  
 B) Ali Musaliar  
 C) Muhammed Rahiman  
 D) Thangal

36. First Nuclear Reactor in India  
 A) Serleena  
 B) Apsara  
 C) Poornima  
 D) Druva

37. Author of the book 'After the First Three Minutes'  
 A) Govind Khurana  
 B) A. P. J. Abdul Kalam  
 C) E. C. G. Sudarsan  
 D) Thanu Padmanabhan

38. Father of Indian Ecology  
 A) R. Mishra  
 B) Jeen Dosth  
 C) Sunderlal Bahuguna  
 D) V. N. Bhagavathi

39. The first American Astronaut conducted a 'Space Walk'  
 A) Edward White  
 B) Sergei Kirkalev  
 C) Aleksei Leonov  
 D) Valentina

40. Amitabh Bachchan elected to Indian Parliament from  
 A) Patna  
 B) Alahabad  
 C) Varanasi  
 D) Ladak



51. Which of the following belongs to antipyretics ?  
 A) Paracetamol      B) Morphine  
 C) Ranitidine      D) Amoxylin

52. Bauxite ore is concentrated by which process ?  
 A) Magnetic separation      B) Leaching  
 C) Froath floatation      D) Gravity separation

53. Pick out the substance having more specific heat capacity.  
 A) Water      B) Ice  
 C) Water vapour      D) Sea water

54. Choose the electromagnetic radiation having maximum frequency.  
 A) Radiowaves      B) UV rays  
 C) IR rays      D) Gamma rays

55. The most electronegative element in Periodic table is  
 A) Oxygen      B) Chlorine  
 C) Fluorine      D) Nitrogen

56. The scattering of light by colloidal particle is called  
 A) Tyndall effect      B) Electrophoresis  
 C) Dialysis      D) Brownian movement

57. Water gas is a mixture of  
 A)  $\text{CO}_2$  and  $\text{H}_2$       B)  $\text{CO}_2$  and  $\text{N}_2$   
 C) CO and  $\text{H}_2$       D) CO and  $\text{N}_2$

58. The planetary model of atom was proposed by  
 A) J. J. Thomson      B) Rutherford  
 C) Niels Bohr      D) Goldstein

59. Transition elements are elements of  
 A) s block      B) p block  
 C) d block      D) f block

60. Which one of the following is an example of renewable source of energy ?  
 A) Petroleum      B) Coal  
 C) Nuclear energy      D) Solar energy

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61. The value of  $1.8 + 3.4 + 0.2 - 0.6 \times 0.3$   
A) 3.50      B) 18.62  
C) 3.32      D) -3.32

62.  $\frac{2}{5}$  of a rupee = \_\_\_\_\_ paise.  
A) 40      B) 20  
C) 10      D) 50

63. If  $8^{x-1} = 2^{x+5}$ , then x is  
A) 2      B) 4  
C) 1      D) 3

64. The average of 5 items is x and if each item is increased by 4, which is the new average ?  
A)  $4x$       B)  $5+x$   
C)  $x+4$       D)  $5x$

65. The angles in a triangle are in the ratio 1 : 2 : 3. The possible values of angles are  
A) 10, 20, 30      B) 30, 45, 90  
C) 45, 45, 90      D) 30, 60, 90

66. A person sells 36 oranges per rupee and incurs a loss of 4%. Find how many per rupee to be sold to have a gain of 8%.  
A) 30      B) 28  
C) 32      D) 34

67. If  $a = 1$ ,  $b = 2$  then which is the value of  $a^b + b^a$ ?  
A) 3      B) 4  
C) 5      D) 6

68. A certain sum of money amounts to  $\frac{5}{4}$  of itself in 5 years. Find the rate percent per annum.  
A) 9%      B) 7%  
C) 12%      D) 5%

69. If x% of 24 is 64, find x.  
A)  $66\frac{2}{3}$       B)  $266\frac{2}{3}$   
C)  $37\frac{1}{2}$       D)  $133\frac{1}{3}$

A

-10-

70. A cylinder with base radius of 8 cm and height of 2 cm is melted to form a cone of height 6 cm. Find the radius of the cone.  
A) 4 cm      B) 6 cm  
C) 8 cm      D) 5 cm

71. Which among the following will continue the pattern in the series 6, 11, 21, 36, 56, ?  
A) 76      B) 81  
C) 91      D) 86

72.  $[( - 4) \times ( - 9) \times ( - 25)] \div [( - 2) \times ( - 3) \times ( - 5)]$   
A) 10      B) 40  
C) 20      D) 30

73. River : Dam :: Traffic : ?  
A) Signal      B) Vehicle  
C) Lane      D) Motion

74. Find the odd one.  
A) PRT      B) HJL  
C) KMO      D) BDF

75. In a certain language THEN is coded as RLBS. For what word AEPJ is coded ?  
A) CAES      B) SACE  
C) CASE      D) CSAE

76. What is my relation with the daughter of the son of my father's sister ?  
A) Niece      B) Sister  
C) Cousin      D) Maternal aunt

77. The number of days from 31 October 2011 to 31 October 2012 including both the days is  
A) 365      B) 368  
C) 366      D) 367

78. Complete the series A, P, B, Q, C, ?  
A) D      B) T  
C) O      D) R

79. How many chords can be drawn through 7 points on a circle ?  
A) 42      B) 21  
C) 30      D) 36

80. The decimal form of  $15 + \frac{2}{10} + \frac{3}{100}$   
A) 15.23      B) 20  
C) 17.3      D) 20.1



81. Add a suitable question tag.

He came here yesterday,  
A) did he ?  
B) don't he ?  
C) didn't he ?  
D) doesn't he ?

82. Change the voice.

A house is built by him.  
A) He builds a house  
B) He build a house  
C) He built a house  
D) He has built a house

83. Complete the sentence.

If you study well . . .  
A) You would get first rank  
B) You get first rank  
C) You getting first rank  
D) You will get first rank

84. Change into reported speech.

The doctor said to the patient, 'Give up smoking.'

A) The doctor advised the patient to give up smoking  
B) The doctor advised the patient to smoke  
C) The doctor advised the patient he gave up smoking  
D) The doctor advised the patient smoke not good

85. Correct the proverb meaningfully by replacing the verb.

Slow and steady is the race.  
A) are  
B) wins  
C) wons  
D) winning

86. Find out the plural of the word 'louse'.

A) louses  
B) leese  
C) lices  
D) lice

87. Fill in the blank with right option.

Each student has \_\_\_\_\_ own problems.

- A) their
- B) his
- C) our
- D) ours

88. Use the right tense form of the verb.

The Chief Minister visits my house last year.

- A) has visited
- B) visited
- C) will visit
- D) had visited

89. Give the opposite of the word 'expand'.

- A) extend
- B) repent
- C) contract
- D) cataract

90. Pick out the word which is not a synonym of the given words.

- A) abandon
- B) foray
- C) forsake
- D) forgo

91. Prima facie means

- A) definitely
- B) in the absence of
- C) at first glance
- D) unfortunately

92. Substitute with one word.

One who treats minor disorders of the feet

- A) egalitarian
- B) dowser
- C) chiropodist
- D) usurer

93. Add suitable preposition.

The teacher was furious \_\_\_\_\_ me for being careless in the class.

- A) with
- B) at
- C) of
- D) to

94. Identify the correct sentence.

- A) He is adopt in solving problems
- B) He is adapt in solving problems
- C) He is addept in solving problems
- D) He is adept in solving problems

