PUNJAB PUBLIC SERVICE COMMISSION

Competitive Examination (October-2016) for Recruitment of District Sainik Welfare Officers in the Department of Defence Services Welfare, Government of Punjab

READ INSTRUCTIONS BEFORE FILLING ANY DETAILS OR ATTEMPTING TO ANSWER THE QUESTIONS.

Candidate's Name _____

Father's Name _____

Date of Birth ☐☐ ☐☐ ☐☐☐☐   **Category Code*** ☐☐

DD   MM   YYYY   (*as given in the admit card)

OMR Response Sheet No. _____

Roll No. _____

Booklet No.

Candidate's Signature (Please sign in the box)

INSTRUCTIONS

1. The candidate shall NOT open this booklet till the time told to do so by the Invigilation Staff. However, in the meantime, the candidate can read these instructions carefully and subsequently fill the appropriate columns given above in CAPITAL letters. The candidate may also fill the relevant columns (other than the columns related to marking responses to the questions) of the Optical Mark Reader(OMR) response sheet, supplied separately

2. **Use only blue or black ball point pen** to fill the relevant columns on this page. Use of fountain pen may leave smudges which may make the information given by the candidate illegible.

3. The candidate shall be liable for any adverse effect if the information given above is wrong or illegible.

4. The candidate must fill all the columns given above on this page and sign at the appropriate place.

5. **Each candidate is required to attempt 100 questions in 120 minutes**, except for visually impaired candidates, who would be given 40 minutes extra, by marking correct responses on the OMR sheet which would be supplied separately to the candidates

6. **The candidate must write the following on the OMRs sheet:**
   (a)Serial number of OMR sheet supplied to him/her for marking the responses to the questions.
   (b)Serial number of the question booklet
   Failure to do so may lead to cancellation of candidature or any other action which the Commission may deem fit.

7. **The candidate should darken the most appropriate response to the question by completely darkening the relevant circle/oval** according to his/her choice of response i.e. a, b, c or d in the manner shown in the example below.

   a   b   c   d
   ⬭   ⬬   ⬭   ⬭

8. Partly darkening the circle/oval on the OMR response sheet or using other symbols such as tick mark or cross would not result in evaluation of the response as the OMR scanner can only interpret the answers by reading the darkened responses in the manner explained in preceding paragraph. Darkening more than one circle/oval as response to a question shall also be considered as wrong answer.

9. The candidates shall be responsible to ensure that the responses are marked in correct manner and any adverse impact due to wrong marking of responses would be the responsibility of the respective candidate. The following are some of **the examples of wrong marking** of responses on the OMR response sheet.

10. The candidates, when allowed to open the question paper booklet, are advised to check the booklet to confirm that the booklet has complete number of pages, the pages are printed correctly and there are no blank pages. In case there is any such error in the question paper booklet the candidate should immediately bring this fact to the notice of the invigilation Staff and obtain a booklet of the same series.

11. The serial number of the new booklet should be entered in the relevant column of the OMR. The candidate should request the Invigilation Staff to authenticate the change in serial number of question booklet by obtaining the initials of the Staff on the corrected serial number of the question booklet

12. The question paper booklet has **13** pages.

13. **Each question carries three marks.**

14. **There are four options for each question and the candidate has to mark the most appropriate answer on the OMR response sheet using blue or black ball point pen.**

15. **There is no negative marking** for wrong answers or questions not attempted by the candidate.

1. Quinine, the medicine for malaria is obtained from which tree?
   a) Cinchona
   b) Banyan
   c) Neem
   d) Eucalyptus

2. The fifth Guru, Guru Arjan Dev Ji, was martyred on orders of which Mughal Emperor?
   a) Akbar
   b) Aurangzeb
   c) Shahjahan
   d) Jahangir

3. Income Tax in India was introduced by:
   a) Sir Charles Wood
   b) Lord Macaule
   c) James Wilson
   d) Wiliam Jones

4. Which is the 'Great division year' in the history of population growth in India?
   a) 1951
   b) 1991
   c) 2001
   d) 1921

5. Which of the following is a Kharif crop?
   a) Wheat
   b) Maize
   c) Gram
   d) Barley

6. According to 2011 census the state having maximum population is:
   a) U.P.
   b) Maharashtra
   c) Tamil Nadu
   d) Kerala

7. Which is not a green house gas?
   a) NO
   b) CO
   c) CH_4
   d) CO_2

8. In India Wild Life Protection Act was enacted in:
   a) 1952
   b) 1972
   c) 2002
   d) 2012

9. The use of microorganisms to remove pollutants such as oil spills in water bodies is known as:
    a) Biomagnification
    b) Bioremediation
    c) Biomethanation
    d) Bioreduction

10. India recently test fired an indigenously developed anti tank missile named:
    a) Agni IV
    b) Amogha I
    c) PSL V IV
    d) Chakra III

11. Gas released during photosynthesis is:
    a) Methane
    b) Nitrogen
    c) Oxygen
    d) Carbon dioxide

12. What is fly-ash?
    a) Waste from nuclear power station
    b) Waste produced by thermal power stations that use coal
    c) Waste from house hold
    d) Waste from water ships

13. Pedology refers to:
    a) Study of water
    b) Study of air
    c) Study of soil
    d) None

14. Ozone hole was first observed over:
    a) Antarctica
    b) Asia
    c) Europe
    d) Africa

15. '8' is related to '16P' and '6' is related to '12L' in the same way as '13' is related to:
    a) 26A
    b) 26X
    c) 26M
    d) 26Z

16. Mrs. Lata was 3 times as old as her son 8 years ago. Their total is 64 years now. How old is Mrs Lata now?
    a) 48
    b) 12
    c) 36
    d) 44

17. 18 : 162 : : 36 : ?
   a) 984
   b) 1296
   c) 324
   d) 648

18. I am facing East. Turning to the right I go 20 m, then turning to the left I go 20 m and turning to the right I go 20 m, then again turning to the right I go 40 m and then again I go 40 m to the right, In which direction am I from my original position?
   a) North
   b) West
   c) South
   d) East

19. Pointing to a man in a photograph, a woman said, "His brother's father is the only son of my grandfather." How is the woman related to the man in the photograph?
   a) Daughter
   b) Mother
   c) Aunt
   d) Sister

20. What is the old name of Punjab?
   a) Sapta Sindhu
   b) Sapta Rishi
   c) Sapta-Aba
   d) Panj-AB

21. How many Rajya Sabha seats are there in Punjab?
   a) 6
   b) 7
   c) 8
   d) 9

22. The Science City of Punjab is located in which district of Punjab?
   a) Jalandhar
   b) Ludhiana
   c) Moga
   d) Kapurthala

23. Where is the Manchester of Punjab?
   a) Jalandhar
   b) Ludhiana
   c) Chandigarh
   d) Amritsar

24. Kavita is twice as old as Sunita. Three years ago she was three times as old as Sunita. How old is Kavita now?
   a) 6 years
   b) 12 years
   c) 18 years
   d) 24 years

25. A group of 1200 persons consisting of captains and soldiers is travelling in a train. For every 15 soldiers there is one captain. The number of captains in the group is:
    a) 75
    b) 70
    c) 85
    d) 80

26. At the end of a business conference all ten people present shake hands with each other once. How many handshakes will there be altogether?
    a) 45
    b) 90
    c) 100
    d) 20

27. A student got twice as many sums wrong as he got right. If he attempted 48 sums in all. How many did he solve correctly?
    a) 12
    b) 16
    c) 24
    d) 18

28. The number of boys in a class is three times the number of girls. Which one of the following numbers cannot represent the total number of children in the class?
    a) 48
    b) 44
    c) 42
    d) 40

29. If 100 cats kill 100 mice in 100 days, then 4 cats would kill 4 mice in how many days?
    a) 4 days
    b) 10 days
    c) 40 days
    d) 100 days

30. In a group of 15 people, 7 read French, 8 read English while 3 of them read none of these two. How many of them read French and English both?
    a) 2
    b) 3
    c) 4
    d) 5

31. Which of the following are components of Central Processing Unit (CPU)?
    a) Arithmetic logic unit, Mouse
    b) Arithmetic logic unit, Control Unit
    c) Arithmetic logic unit, Integrated Circuits
    d) Control Unit, Monitor

32. Where is RAM located?
    a) Expansion Board
    b) External Drive
    c) Mother Board
    d) All of the above

33. In which of the following form, data is stored in computer?
   a) Decimal
   b) Binary
   c) Hexa Decimal
   d) Octal

34. What is full form of GUI in terms of computers?
   a) Graphical user Instrument
   b) Graphical unified interface
   c) Graphical unified instrument
   d) Graphical user interface

35. Which are the main gases present in Sun?
   a) Hydrogen and Helium
   b) Hydrogen and Argon
   c) Argon and Helium
   d) Hydrogen and Carbon Dioxide

36. Atmosphere has how many distinct layers?
   a) 3
   b) 4
   c) 5
   d) 6

37. In terms of area India is _____ largest area in the world?
   a) Fifth
   b) Sixth
   c) Seventh
   d) Eighth

38. The Radcliffe line is a boundary between:
   a) India and Pakistan
   b) India and Afghanistan
   c) India and China
   d) India and Myanmar

39. Constitution of India was adopted by constituent assembly on?
   a) 25 October, 1948
   b) 25 October, 1949
   c) 26 November, 1948
   d) 26 November, 1949

40. Which Article of the Constitution of India is related to Equality before law?
   a) Article 13
   b) Article 14
   c) Article 15
   d) Article 16

41. Which Article of the Constitution of India is related with "Abolition of Untouchability"?
   a) Article 20
   b) Article 19
   c) Article 18
   d) Article 17

42. What is the Greek name of river Jhelum?
    a) Hydaspes
    b) Hydroatis
    c) Hyphasis
    d) Hesidros

43. Which Guru compiled the Adi Granth?
    a) Guru Hargobind Ji
    b) Guru Gobind Singh Ji
    c) Guru Angad Dev Ji
    d) Guru Arjan Dev Ji

44. Bhakra Dam is situated on which river?
    a) Beas
    b) Satluj
    c) Ravi
    d) Chenab

45. Ecology is :
    a) The science that studies the evolution of life
    b) Integrates both social and natural sciences to help us understand how the earth works
    c) The study of the relationship between organisms and their environment
    d) The study of the environment in the absence of humans

46. Ozone layer is present in:
    a) Troposphere
    b) Stratosphere
    c) Mesophere
    d) Ionosphere

47. The cause of Bhopal disaster was:
    a) Methyl Alcohol
    b) Methyl Carbonate
    c) Methyl isocyanate
    d) Methyl Sulphate

48. Choose the pair that best represents a similar relationship to the one expressed in the original pair of words
    MONK : DEVOTION
    a) Maniac : Pacifism
    b) Explorer : Contentment
    c) Visionary : Complacency
    d) Rover : Wanderlust

49. Cement factory labourers are prone to:
    a) Leukemia
    b) Bonemarrow disease
    c) Asbestosis
    d) Cytosilicosis

50. Minamata disease is caused by pollution of water by:
    a) Mercury
    b) Lead
    c) Tin
    d) Methyliso cyanate

51. Garampani sanctuary is located in:
    a) Gujarat
    b) Assam
    c) Nagaland
    d) Sikkim

52. Gravity setting chambers are used in industries to remove:
    a) SO_2
    b) CO_2
    c) Suspended particulate matter
    d) CO

53. Forest Research Institute is located at:
    a) Dehradun
    b) Kapurthala
    c) Jaipur
    d) Rohtak

54. Patanjali is well known for the compilation of:
    a) Yogasutra
    b) Panchatantra
    c) Brohmasutra
    d) Ayurveda

55. Which one among the following is not correct about the subsidiary alliance?
    a) It was formulated by Wellesley
    b) British Army was posted in the subsidiary state
    c) It did not recognize an adopted heir to a subsidiary state
    d) A British resident was posted in the subsidiary state

56. The minimum age of voting in India was lowered from 21 to 18 years by the Constitutional Amendment Act:
    a) 57th
    b) 59th
    c) 61st
    d) 63rd

57. The term 'Closure' in parliamentary terminology implies:
    a) The end of session of parliament
    b) Stoppage of debate on a motion
    c) End of the day's proceedings
    d) None of the above

58. Who is the first Punjabi novelist to get Jananpith Award?
    a) Nanak Singh
    b) Gurdial Duggal
    c) Gurdial Singh
    d) Nanak Duggal

59. Who was the pioneer of Punjabi Suba movement?
    a) Master Tara Singh
    b) Master kapoor Singh
    c) Giani Kartar Singh
    d) Darshan Singh Pheruman

60. What is the objective of Pradhan Mantri Deen Dyal Upadhay Gram Jyoti Yojna?
    a) To provide 24x7 Electricity supply to rural area
    b) To provide 24x7 Water supply to rural households
    c) To provide mid-day meal to rural households
    d) To provide Houses for all rural farmers

61. Who has been conferred the prestigious 14th Sant Namdev National Award-2015 for promoting peace, communal harmony and universal brotherhood?
    a) Bill Clinton
    b) Prakash Singh Badal
    c) Pargat Singh
    d) Sukhbir Singh Badal

62. Hybridization is:
    a) Downward movement of water through soil
    b) A process of tilling the land
    c) Decayed vegetable matter
    d) Cross-fertilization between two varieties

63. "Red List" is published by:
    a) International Union for Conservation of Nature and Natural Resources (IUCN)
    b) Intergovernmental panel on climate change (IPCC)
    c) U.S.A
    d) W.T.O

64. Which is not related to environment protection?
    a) UNEP
    b) Green peace
    c) WWF
    d) Red Cross

65. Insurance is an example of:
    a) Risk likelihood reduction
    b) Risk avoidance
    c) Risk acceptance
    d) Risk transfer

66. Which of the following is defined as being "A promise of compensation for specific potential future losses in exchange for periodic payment"?
    a) Regulatory measures
    b) Insurance
    c) Catastrophic bends
    d) Weather derivatives

67. What will come in place of the question mark (?) in the following table:

1	3	7
4	9	2
0	2	?

    6   5   3

    a) 2
    b) 3
    c) 9
    d) 4

68. What will come in place of the question mark (?)
    Paise : Rupee :: ?
    a) Rupee : Wealth
    b) Kilogram : Quintal
    c) Coin : Money
    d) Weight : Ton

69. Sanjeev remembers that his father's birthday falls after 9th May and before 12th May, while his sister Asha remembers that her father's birthday falls after 10th May and before 13th May, what is the date of birthday of their father?
    a) 9th May
    b) 10th May
    c) 11th May
    d) 12th May

70. What will come in place of question mark (?)
    ex, fu, ir, ? , ol, ri
    a) mn
    b) op
    c) no
    d) lo

71. Identify the odd man out :
    a) Teacher
    b) Tutor
    c) Professor
    d) Student

72. Identify the odd man out:
    a) Ladoo
    b) Onion
    c) Potato
    d) Carrot

73. B is D's mother and C is D's brother. H is the daughter of E and D is the wife of E. Then how are E and C related?
    a) Father-in-law
    b) Brother-in-law
    c) Uncle
    d) None of the above

74. Which is the biggest landlocked country of the World?
    a) Mangolia
    b) Austria
    c) Serbia
    d) Kazakhstan

75. Which of the following Indian rivers does not originate in India?
    a) Brahmaputra
    b) Ganga
    c) Yamuna
    d) Ghaggar

76. Who was the first Chief Minister of Punjab?
    a) S. Partap Singh Kairon
    b) Dr. Gopi Chand Bhargava
    c) S. Lachman Singh Gill
    d) Shri Bhim Sen Sachar

77. Punjab has international border with which of the following countries?
    a) Afganistan
    b) Pakistan
    c) Nepal
    d) China

78. Where was the first Anglo Sikh battle fought?
    a) Mudki
    b) Pheru Shahar
    c) Sabraon
    d) Ramnagar

79. What is the base year in India for CPI (Consumer Price Index)?
    a) 1999-2000
    b) 2004-2005
    c) 2012
    d) 2013

80. Which article lays down Constitutional remedies for enforcement of Fundamental rights?
    a) Article 32
    b) Article 19
    c) Article 24
    d) Article 21

81. In which state India's longest road link tunnel is under construction?
    a) Jammu & Kashmir
    b) Gujrat
    c) Rajasthan
    d) Madhya Pradesh

82. According to Swachh Bharat Survey 2015, which of the following is the most clean city of the India?
    a) New Delhi
    b) Bangalore
    c) Trupati
    d) Mysore

83. Recently banned brand 'Maggi' is owned by:
    a) Parle Foods
    b) Nestle India
    c) Pepsico India
    d) Heritage Foods

84. The first telecommunication company to launch Pan India 4G mobile services:
    a) Bharti Airtel
    b) Reliance Jio
    c) BSNL
    d) Vodafone

85. Which of the following has recently been declared as a 'Tiger Reserve'?
    a) Balphakram National Park
    b) Betla National Park
    c) Rajaji National Park
    d) Kaziranga National Park

86. El-Nino develops in the:
    a) Pacific Ocean
    b) Indian Ocean
    c) Atlantic Ocean
    d) Mediterranean Ocean

87. Which of the following is a land locked sea?
    a) Caspian Sea
    b) Caribbean Sea
    c) Yellow Sea
    d) Arabian Sea

88. On which of the following railway stations of South Africa, Mahatma Gandhi was thrown out of train?
    a) Johannesburg
    b) Pietermaritzburg
    c) Durban
    d) Pretoria

89. Where is the Headquarter of NCC in India?
   a) Bombay
   b) New Delhi
   c) Madras
   d) Chennai

90. When was the National Cadet Corps Act formed in India?
   a) 1940
   b) 1948
   c) 1952
   d) 1960

91. What is the motto of NCC?
   a) Unity and Discipline
   b) Hard work and Firm in determination
   c) Equity and Justice
   d) All of the above

92. What is the full form of NSS?
   a) National Sample Survey
   b) National Service Scheme
   c) National Service Survey
   d) National Statistical Scheme

93. The frontier boundary between Pakistan and Afghanistan is called:
   a) Durand line
   b) Radcliffe line
   c) Maginot line
   d) Cyril line

94. The 'Khalsa' was founded on:
   a) Vaisakhi of 1699
   b) Maghi of 1705
   c) Vaisakhi of 1799
   d) Maghi of 1666

95. Guru Gobind Singh fought his first battle at:
   a) Bhangani
   b) Muktsar
   c) Anand Pur
   d) Chamkaur

96. Who among the following is associated with the concept of Miri-Piri?
   a) Guru Nanak Dev Ji
   b) Guru Angad Dev Ji
   c) Guru Gobind Singh Ji
   d) Guru Hargobind Ji

97.	Maharaja Ranjit Singh was from:
   a)	Bhangi Misl
   b)	Sukerchakia Misl
   c)	Nishanwalia Misl
   d)	Kros Singhia Misl

98.	The Treaty of Amritsar between the Sikhs and the British was signed in:
   a)	1809
   b)	1811
   c)	1813
   d)	1835

99.	Akbar's coronation took place at:
   a)	Delhi
   b)	Agra
   c)	Fatehpur Sikri
   d)	Kalanaur

100.	As per the Amritsar Treaty, _____ was to be the boundary between the Sikh Empire and the British:
   a)	River Satluj
   b)	River Beas
   c)	River Yamuna
   d)	River Ghaggar

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