Question Booklet and Answer-Key
For Recruitment Test
Post: NTT
Paper-II
Held on 31.01.2015 (Evening Session)

1. ਮੂਲ ਸ਼ਬਦ ਕੀ ਹੁੰਦੇ ਹਨ:

   1) ਵਾਕ ਵਿੱਚ ਆਏ ਸ਼ਬਦਾਂ ਦਾ ਆਪਸੀ ਸੰਬੰਧ ਦਰਸ਼ਾਉਂਣ ਵਾਲੇ

   2) ਵਾਕ ਵਿੱਚ ਆਏ ਸਾਰੇ ਸ਼ਬਦ ਮੂਲ ਸ਼ਬਦ ਹੁੰਦੇ ਹਨ

   3) ਜਿਹੜੇ ਸ਼ਬਦ ਕਿਸੇ ਹੋਰ ਸ਼ਬਦ ਤੋਂ ਨਾ ਬਣਨ।

   4) ਅਜਿਹੇ ਸ਼ਬਦ ਜਿਹੜੇ ਸਾਰਥਕ ਸ਼ਬਦਾਂ ਦੀ ਸਹਾਇਤਾ ਨਾਲ ਬਣਾਏ ਜਾਣ

2. 'ਹੰਢਣਸਾਰ' ਉਤਪੰਨ ਸ਼ਬਦ ਕਿਹੜੀ ਸ਼੍ਰੇਣੀ ਵਿੱਚ ਆਉਂਦਾ ਹੈ:

   1) ਸਾਰਥਕ   2) ਨਿਰਾਰਥਕ   3) ਸੰਬੰਧਕ   4) ਪਿਛੇਤਰ

3. ਕਿਹੜਾ ਸ਼ਬਦ 'ਅ' ਅਗੇਤਰ ਤੋਂ ਨਹੀਂ ਬਣਿਆ:

   1) ਅਜਰ   2) ਅਮਰ   3) ਅਨੰਤ   4) ਅਨਾਰ

4. ਸਮਾਸ ਵਿਧੀ ਨਾਲ ਬਣਿਆ ਨਵਾਂ ਅੱਖਰ ਹੁੰਦਾ ਹੈ:

   1) ਸਾਰਥਕ   2) ਨਿਰਾਰਥਕ   3) ਵਿਰੋਧੀ ਸ਼ਬਦ   4) ਸਮਾਨਾਰਥਕ

5. ਤੁਸੀਂ ਸਕੂਲ ਕਿਵੇਂ ਜਾਂਦੇ ਹੋ ? ਵਾਕ ਦੀ ਕਿਸਮ ਹੈ:

   1) ਪ੍ਰਸ਼ਨ-ਵਾਚਕ   2) ਵਿਸਮੈ-ਵਾਚਕ   3) ਹਾਂ-ਵਾਚਕ   4) ਨਾਂਹ-ਵਾਚਕ

6. ਕਿਸੇ ਵਾਕ ਨੂੰ ਉਸਦੇ ਅਰਥਾਂ ਵਿੱਚ ਫ਼ਰਕ ਪਾਏ ਬਿਨਾਂ ਕਿਸੇ ਹੋਰ ਰੂਪ-ਵਿੱਚ ਬਦਲਣ ਨੂੰ ਕਿਹਾ ਜਾਂਦਾ ਹੈ:

   1) ਵਾਕ-ਸ਼ੁੱਧੀ   2) ਵਾਕ-ਵਟਾਂਦਰਾ   3) ਸ਼ਬਦ-ਵਟਾਂਦਰਾ   4) ਮੁਹਾਵਰੇਦਾਰ

7. ਗੁਰਮੁਖੀ ਕੀ ਹੈ?

   1) ਭਾਸ਼ਾ   2) ਪੰਜਾਬੀ   3) ਉਪ-ਭਾਸ਼ਾ   4) ਲਿੱਪੀ

8. ਮਾਝੀ ਕੀ ਹੈ?

   1) ਭਾਸ਼ਾ   2) ਖੇਤਰ   3) ਉਪ-ਭਾਸ਼ਾ   4) ਲਿੱਪੀ

9. 'ਮਲਵਈ' ਬੋਲੀ ਜਾਂਦੀ ਹੈ:

   1) ਅਮ੍ਰਿਤਸਰ   2) ਬਠਿੰਡਾ   3) ਜਲੰਧਰ   4) ਕਪੂਰਥਲਾ

10. ਹੁਣ ਗੁਰਮੁਖੀ ਵਰਣਮਾਲਾ ਦੀ ਕੁੱਲ ਗਿਣਤੀ ਕਿੰਨੀ ਹੈ:

    1) 35   2) 40   3) 41   4) 42

11. ਉਹ ਧੁਨੀਆਂ ਜਿਨ੍ਹਾਂ ਦੇ ਉਚਾਰਨ ਸਮੇਂ ਫੇਫੜਿਆਂ ਵਿੱਚੋਂ ਨਿਕਲਦੀ ਪੌਣਧਾਰਾ ਬੇਰੋਕ ਬਾਹਰ ਨਿਕਲੇ, ਕਿਹਾ ਜਾਂਦਾ ਹੈ:

    1) ਸੁਰ   2) ਵਿਅੰਜਨ   3) ਅੱਖਰ   4) ਮੁਕਤਾ

12. ਜਿਨ੍ਹਾਂ ਲਗਾਂ ਦੇ ਉਚਾਰਨ ਵਿੱਚ ਜਿਆਦਾ ਸਮਾਂ ਲੱਗੇ ਉਸਨੂੰ ਕਿਹਾ ਜਾਂਦਾ ਹੈ:

    1) ਲਘੂ ਸੁਰ   2) ਦੰਤੀ   3) ਤਾਲਵੀ   4) ਦੀਰਘ ਸੁਰ

13. ਗੁਰਮੁਖੀ ਵਿੱਚ ਕਿੰਨੀਆਂ ਲਗਾਂ-ਮਾਤਰਾਂ ਹਨ:

    1) ਦਸ   2) ਬਾਰਾਂ   3) ਪੰਦਰਾਂ   4) ਪੈਂਤੀ

14. ਗੁਰਮੁਖੀ ਵਿੱਚ 'ਬਿੰਦੀ' ਕੀ ਹੈ?

    1) ਲਿੱਪੀ   2) ਲਗਾਖਰ   3) ਲਗਾਂ-ਮਾਤਰਾਂ   4) ਸੁਰ

15. ਸ਼ੁੱਧ ਸ਼ਬਦ ਚੁਣੋ:

    1) ਵਹੁਟੀ   2) ਵੋਹਟੀ   3) ਵੋਂਹਟੀ   4) ਵੋਹੁਟੀ

16. 'ਮਦਾਨੀ' ਸ਼ਬਦ ਨੂੰ ਸ਼ੁੱਧ ਕਰੋ:

    1) ਧਾ   2) ਨੀ   3) ਦੁਾ   4) ਮੈਂ

17. ਹੇਠ ਲਿਖਿਆਂ ਵਿੱਚੋਂ ਸਹੀ ਸਮਾਸੀ ਸ਼ਬਦ ਚੁਣੋ:

    1) ਬੋਲ-ਹਾਲ   2) ਬੋਲ-ਕਬੋਲ   3) ਬੋਲ-ਕਹਿ   4) ਬੋਲ-ਬਲਾਉਣਾ

18. ਬਦਸੂਰਤ, ਬਦਸ਼ਕਲ, ਕੋਝਾ, ਭੈੜਾ ਸ਼ਬਦਾਂ ਦਾ ਹੋਰ ਕਿਹੜਾ ਸਮਾਨਾਰਥੀ ਹੋ ਸਕਦਾ ਹੈ:

    1) ਮਾੜਾ   2) ਕਰੂਪ   3) ਸੁੰਦਰ   4) ਚੰਦਰਾ

19. ਕਿਹੜਾ ਸ਼ਬਦ 'ਕਾਲ' ਸ਼ਬਦ ਦੇ ਬਹੁ-ਅਰਥਕ ਵਜੋਂ ਨਹੀਂ ਵਰਤਿਆ ਜਾ ਸਕਦਾ:

    1) ਸਮਾਂ   2) ਕਾਲਾ   3) ਝੁੱਗ   4) ਮੌਤ

20. ਵਸਤ-ਵਾਚਕ ਨਾਂਵ ਚੁਣੋ:

    1) ਦੁੱਧ   2) ਸੈਨਾ   3) ਸੱਚ   4) ਰਾਮ

21. ਵਿਸ਼ੇਸ਼ਣ ਦੀਆਂ ਕਿੰਨੀਆਂ ਕਿਸਮਾਂ ਹੁੰਦੀਆਂ ਹਨ:

    1) ਪੰਜ   2) ਛੇ   3) ਸੱਤ   4) ਅੱਠ

22. ਸਕਰਮਕ ਕਿਰਿਆ ਦੇ ਕਿੰਨੇ ਭਾਗ ਹੁੰਦੇ ਹਨ:

    1) ਤਿੰਨ   2) ਚਾਰ   3) ਪੰਜ   4) ਦੋ

23. ਰੂਪ ਦੇ ਆਧਾਰ 'ਤੇ ਯੋਜਕਾਂ ਦੀਆਂ ਕਿਸਮਾਂ ਹੁੰਦੀਆਂ ਹਨ:

    1) ਦੋ   2) ਤਿੰਨ   3) ਚਾਰ   4) ਪੰਜ

24. ਆਪਣੇ ਹੱਥੀ ਆਪਣਾ ਆਪੇ ਹੀ..................................ਅਖਾਣ ਪੂਰੀ ਕਰੋ:

    1) ਸ਼ਿੰਗਾਰ ਕਰੀਏ   2) ਭਲਾ ਕਰੀਏ   3) ਕਾਜ ਸਵਾਰੀਏ   4) ਬੁਰਾ ਨਾ ਕਹੀਏ

25. 'ਰੰਗ ਉੱਡਣਾ' ਮੁਹਾਵਰੇ ਦਾ ਅਰਥ ਹੈ:

    1) ਘਬਰਾ ਜਾਣਾ   2) ਰੰਗ ਖ਼ਰਾਬ ਹੋ ਜਾਣਾ   3) ਬੇਰੰਗ ਹੋ ਜਾਣਾ   4) ਬੇਅਸਰ ਹੋ ਜਾਣਾ

26. World War- I commenced in
    1) 1904   2) 1908   3) 1912   4) 1914

27. The Indus Valley civilization is associated with
    1) Egyptians   2) Sumerians   3) Chinese   4) Mesopotamians

28. Gandhiji's Dandi March started from
    1) Bardoli   2) Ahmedabad   3) Surat   4) Bombay

29. 'Inquilab Zindabad' slogan was given by
    1) Iqbal   2) S.C. Bose
    3) Bhagat Singh   4) Chandra Shekhar Azad

30. Which of the following is the brightest planet?
    1) Mercury   2) Mars   3) Venus   4) Jupiter

31. The words used to describe the shape of earth is/are
    1) flat   2) circle   3) sphere   4) oblate spheroid

32. On 21st June, the day light is seen at the North Pole for
    1) 24 hrs.   2) 18 hrs.   3) 12 hrs.   4) zero hr.

33. The local time of a place is known with reference to its
    1) distance from the capital city   2) height above the sea level
    3) longitudinal position   4) latitudinal position

34. Fiscal Policy is concerned with
    1) Public Revenue   2) Public expenditure and debt
    3) Bank rate policy   4) Both 1 and 2

35. The Imperial Bank of India, after nationalization, was given the name
   1) Reserve Bank of India
   2) Central Bank of India
   3) State Bank of India
   4) Punjab National Bank

36. The terms 'Bears' and 'Bulls' refers to those speculators who believe that prices of shares will
   1) go up and come down respectively
   2) come down and go up respectively
   3) go up and remain constant respectively
   4) come down and remain constant respectively

37. The term 'Paper Gold' is associated with
   1) deficit budgeting
   2) currencies still in gold standard
   3) special drawing rights of IMF
   4) special facility of World Bank

38. Right to Equality before law is
   1) civil right
   2) economic right
   3) social right
   4) political right

39. 'Social Security and Social Insurance' is a subject included in the
   1) Concurrent List
   2) Residuary List
   3) State List
   4) Union List

40. In Marxist theory, the society is divided into dominant and dependent classes and the former controls the State with an embodiment of:
   1) economic power
   2) political power
   3) social power
   4) none of above

41. Match the following:

I	II
1. Rights are the creation of the State	a. Theory of Natural Rights
2. Rights are crystallization of customs	b. Legal theory of Rights
3. Rights are conditions of social welfare	c. Social Welfare Theory of Rights
4. Rights belong to man by nature	d. Historical Theory of Rights

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

42. 'Man is a social animal', who said this ?
   1) Rousseau
   2) Freud
   3) Aristotle
   4) Mac Iver

43. Match the List I and List II

         I   II

1. Spencer   a. Patriarchal theory

2. Nietzsche   b. Matriarchal theory

3. Morgan   c. Force theory

4. Henry Maine   d. Organic theory

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

44. Indriyasamyama or period of self control refers to the _____ ashrama.

    1) brahmacharya   2) grihastha   3) vanaprastha   4) sanyas

45. 'Administrative Behaviour' is the book written by

    1) Dwight Waldo   2) Robert Dahl   3) Pfiffner   4) H.A. Simon

46. Which Act provided the Public Service Commission in the Provinces (States)?

    1) Govt. of India Act 1909   2) Govt. of India Act 1919

    3) Govt. of India Act 1935   4) India Independence Act 1947

47. Panchayati Raj bodies receive finance in the form of grants from the

    1) Central Govt.   2) State Govt.

    3) Both Central and State Govts.   4) none of above

48. Which of the following emotions is termed as negative emotion?

    1) amusement   2) curiosity   3) fear   4) joy

49. Sitophobia is a pathological fear for

    1) drinking   2) eating   3) sleeping   4) working

50. Attitudes are acquired in _____ ways.

    1) direct contract   2) indirect   3) child rearing   4) both 1 and 3

51. A plant with green leaves placed in red light will appear

    1) black   2) green   3) red   4) violet

52. A sudden fall in barometer reading indicates

    1) clear weather   2) hailstorm   3) storm   4) heavy rainfall

53. A fuse wire is used to

    1) make the electric circuit strong

    2) prevent an unduly high electric current to pass through a circuit

    3) convert AC into DC

    4) convert DC into AC

54. The element used in an electric filament is

   1) copper   2) aluminium   3) iron   4) tungsten

55. Under similar conditions, in which of the following gases, will the speed of sound be least?

   1) nitrogen   2) oxygen   3) carbon dioxide   4) sulphurdioxide

56. Conversion of a substance directly from solid state to vapour state is known as

   1) vaporization   2) sublimation   3) decomposition   4) ionization

57. Which of the following is used for preservation of grains?

   1) Potassium permanganate   2) Boric acid

   3) Sodium benzoate   4) Sodium chloride

58. Which of the following is the hardest element?

   1) copper   2) diamond   3) iron   4) silicon

59. Which of the following acids is found in digestive juices?

   1) Lactic acid   2) Tannic acid   3) Amino acid   4) Hydrochloric acid

60. Which of the following gases may cause acid rain in an industrial area?

   1) CO_2 2) CO   3) SO_2 4) CH_4

61. The organisms who can synthesize their food by interacting with their environment are called

   1) heterotrophs   2) autotrophs   3) self dependent   4) consumers

62. Which of the following is an example of the possible effects of global warming?

   1) grain production is likely to increase   2) sea level will rise

   3) new island will appear as sea level decreases   4) none of these

63. Why did the agreement reached at Rio de Janeiro Earth Summit fail to reduce greenhouse gas emissions?

   1) U.S. failed to meet the emission reduction it agreed to at Rio

   2) Japan failed to meet the emission reduction it agreed to at Rio

   3) India & China failed to meet the emission reduction they agreed to at Rio

   4) all of the above

64. Climographs do not contain information about

   1) average relative humidity   2) average high temperatures

   3) average low temperatures   4) average precipitation

65. Which of the following is not a significant greenhouse gas?

1) molecular nitrogen   2) nitrous oxide   3) methane   4) carbon dioxide

66. Fish respire through

1) nose   2) lungs   3) gills   4) fins

67. A cockroach has

1) three pairs of walking legs   2) two pairs of walking legs

3) four pairs of walking legs   4) one pair of walking legs

68. Which of the following is not a mammal?

1) fish   2) cow   3) goat   4) whale

69. Which tissue is responsible for the passage of water in plants?

1) sclerenchyma   2) xylem   3) phloem   4) collenchynatous cells

70. Age of a tree can be determined by

1) counting the number of leaves   2) counting the number of branches

3) measuring the size of tree   4) counting the number of rings in the stem

71. Bacteria belongs to which of the following kingdoms ?

1) Protista   2) Animalae   3) Monera   4) Plantae

72. The exchange of gases in mammals takes place in the

1) larynx   2) trachea   3) alveoli   4) bronchi

73. From which part of plant is turmeric obtained?

1) root   2) fruit   3) seed   4) stem

74. Flower colours are due to

1) chlorophyll   2) anthocyanins   3) phytochromes   4) melanin

75. Which of the following constitute the two best reasons distinguishing between living and non-living?

1) reproduction and locomotion   2) growth and locomotion

3) respiration and excretion   4) irritability and locomotion

76. A man engaged a servant on the condition that he would pay him ₹ 90 and a turban after the service of one year. The servant worked for 9 months and got ₹ 65 and a turban. Find the cost of turban.

1) ₹ 10   2) ₹ 15   3) ₹ 20   4) none of these

77. A monkey climbs a pole 34m long. In first minute he climbs 6m and in second minute he slips down 2m. In the third minute he again climbs 6m and in fourth minute he slips down 2m. If he continues to do like this then find the time taken by him to reach the top.

   1) 18 min.　　　　2) 17 min.　　　　3) 16 min.　　　　4) 15 min.

78. If $\sqrt{3136} = 56$, then what is the value of

   $\sqrt{31.36} + \sqrt{.3136} + \sqrt{.003136} + \sqrt{.00003136}$?

   1) 17.22　　　　2) 6.22　　　　3) 16.8　　　　4) 8.22

79. In a library $\frac{1}{2}$ of the books are story books, $\frac{3}{4}$ of the remaining are reference books and the remaining 300 are physics books. How many of these are reference books?

   1) 480　　　　2) 600　　　　3) 800　　　　4) none of these

80. A certain number when divided by 899 gives a remainder 63. Find the remainder when the same number is divided by 29.

   1) 5　　　　2) 6　　　　3) 7　　　　4) 11

81. HCF of two numbers is 101 and their sum is 1212. How many pairs (co-prime) of such numbers are possible?

   1) 3　　　　2) 1　　　　3) 2　　　　4) 6

82. A reduction of 20% in the price of apples enables Sameer to purchase 16 apples more for ₹ 320. Find the reduced price of 10 apples.

   1) ₹ 40　　　　2) ₹ 26　　　　3) ₹ 33　　　　4) ₹ 30

83. By selling 33m of cloth a merchant gains the selling price of 11m. Find the gain in %.

   1) 33%　　　　2) 40%　　　　3) 50%　　　　4) 25%

84. A sells an article at 10% profit. If he had bought it at 10% less and sold it for ₹ 60 less he would have gained 20%. Find the cost price of that article.

   1) ₹ 2000　　　　2) ₹ 3000　　　　3) ₹ 3500　　　　4) ₹ 4000

85. A railway half ticket costs half the full fare. But the reserve charge on the half ticket is the same as that on full ticket. One reserved ticket for a journey is ₹ 525 and the cost of one full and half reserved tickets is ₹ 850. What is the reservation charge per ticket?

   1) ₹ 125　　　　2) ₹ 200　　　　3) ₹ 145　　　　4) cannot be determined

86. A car travels a distance of 300 km. at a uniform speed. If the speed of the car is 5 km./hr more, it takes two hours less to cover the same distance. The original speed of the car is

1) 60 km./hr.   2) 50 km./hr.   3) 40 km./hr.   4) 25 km./hr.

87. a, b, c, d, e and f are six consecutive odd numbers. Find their average.

1) 6   2) a+7   3) a+5   4) cannot be determined

88. A invests ₹1500 and B ₹900 in a business. A is a sleeping partner and B is working partner. B gets 10% of total profit as salary and the remaining profit is divided in the ratio of their capitals. If total profit is ₹1600, how should they divide it?

1) A:700; B:900   2) A:900; B:700   3) A:800; B:800   4) A:1000; B:600

89. A man undertakes to do a job in 150 days. He finds that only a quarter of work is done in 50 days. How many additional men should be employed so that work may be finished in time?

1) 100 men   2) 300 men   3) 80 men   4) 150 men

90. A and B can do a work in 10 days, B and C in 12 days, C and A in 15 days. If B alone works for 15 days and is then joined by A and C. In how many days the work will be finished?

1) 20 days   2) 22 days   3) 18 days   4) 16 days

91. A pipe can fill a tank in 12 hrs. and another in 15 hrs. Third pipe can empty it in 6 hrs. If first two are kept open for 6 hrs. in the beginning and then third pipe is also opened. In what time tank will be emptied?

1) 42 hrs.   2) 54 hrs.   3) 56 hrs.   4) 47 hrs.

92. ₹1500 be given at interest rate of 10% and the interest is to be added to principal after every 5 years. In how many years will it amount to ₹2500?

1) 8 years   2) $7\frac{1}{9}$ years   3) $6\frac{1}{9}$ years   4) $7\frac{1}{2}$ years

93. Find the compound interest on ₹12500 at 8% per annum for 9 months compounded quarterly.

1) ₹1020   2) ₹1428   3) ₹510   4) none of these

94. The difference between the present age of Arun and Deepak is 14 years. Seven years ago the ratio of their ages was 5:7 respectively. What is Deepak's present age?

1) 56 years   2) 42 years   3) 63 years   4) 35 years

95. The circumference of a circular field is 440m. A circular path 10m wide runs around the outside of field. Find the cost of carpeting the path at the rate of 70 paise per square metre.

1) ₹ 2200
2) ₹ 3300
3) ₹ 4400
4) ₹ 3750

96. The ratio of length and the breadth of a rectangular plot is 6:5 respectively. If the breadth of the plot is 34m less than the length, what is the perimeter of the plot?

1) 371m
2) 408m
3) 748m
4) 814m

97. A father's age is equal to the sum of ages of 5 children. In 15 years, his age will be only half of their total age. Find the present age of father.

1) 40 years
2) 45 years
3) 42 years
4) 48 years

98. In a cricket match Anil took one wicket more than thrice the number of wickets taken by Sachin. If the product of the number of wickets taken by both is 14, find the number of wickets taken by Sachin.

1) 2
2) 3
3) 7
4) 5

99. If $= \dfrac{\sqrt{5}-\sqrt{3}}{\sqrt{5}+\sqrt{3}}$, $b = \dfrac{\sqrt{5}+\sqrt{3}}{\sqrt{5}-\sqrt{3}}$, then value of $(a-2)^2$ is

1) 40
2) 98
3) 72
4) 60

100. In a class of 111 students, 48 took physics, 45 took chemistry and 52 took maths. Out of these 8 took both physics and chemistry, 11 took both chemistry and maths and 16 took physics and maths. If each student of the class took at least one of three subjects, then how many took all the three subjects?

1) 10
2) 2
3) 1
4) 7

Key for Nursery Teachers Paper-II (31.1.2015)

Q.No.	Ans.	Q.No.	Ans.	Q.No.	Ans.	Q.No.	Ans.
1	3	26	4	51	1	76	1
2	4	27	2	52	3	77	4
3	3	28	2	53	2	78	2
4	1	29	1	54	4	79	4
5	1	30	3	55	4	80	1
6	2	31	4	56	2	81	3
7	4	32	1	57	3	82	1
8	3	33	3	58	2	83	3
9	2	34	4	59	4	84	2
10	3	35	3	60	3	85	1
11	1	36	2	61	2	86	4
12	4	37	3	62	2	87	3
13	1	38	1	63	4	88	2
14	2	39	1	64	1	89	1
15	1	40	2	65	1	90	4
16	1	41	2	66	3	91	2
17	2	42	3	67	1	92	3
18	2	43	4	68	1	93	4
19	2	44	1	69	2	94	1
20	1	45	4	70	4	95	2
21	1	46	3	71	3	96	3
22	4	47	2	72	3	97	2
23	1	48	3	73	4	98	1
24	3	49	2	74	3	99	4
25	1	50	4	75	1	100	3