QUESTION BOOKLET

Suitability Test for NTPC/Skilled Artisan Category Under Compassionate Grounds Appointment

Date of Examination: 03.03.2025   **Time : 10:30 hrs. to 12:30 hrs**
Marks : 100

INSTRUCTIONS TO CANDIDATES:

1. Question paper contains 100 objective questions for which candidates shall choose the best answer the written examination will be conducted with OMR answer sheets. There will be four options of answers A,B,C,D to each question, out of which one option has to be chosen as the answer.

2. The Question paper contains 100 questions:

    Part I   – General English

    Part II   – General Knowledge

    Part III – Arithmetic

3. All questions are compulsory.

4. Each question carries 1 mark.

5. There shall be no negative mark for wrong answers.

6. Since there are only objective questions, no corrections/Over writings are permitted. i.e. cutting, overwriting, erasing, scoring off a shaded answer in multiple choice and shading another answer. In case any correction/overwriting is made the answer shall not be evaluated at all.

7. The question paper consists of 10 pages. Candidates should check whether all pages are available before answering.

8. candidates are instructed not to write his name, rool No. etc, in any portion of the answer sheet other than the space provided in the answer sheet. If the name of the candidate or roll number found in any other place than the specified space, the answer sheet will not be valued.

9. Candidates are allowed to take the question papers with them after examination.

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PART – I – GENERAL ENGLISH

1. Shyam----------------- office just now..

   A) arrived   B)arrive   C) wash   D) has arrived

2. He is interested --------------learning
   A) on   B) in   C) from   D) at

3. "She ran quickly to catch the bus". Identify the adverb in the above sentence.
   A) Ran   B)to   C) quickly   D) catch

4. Choose the correct spelling from the following words.
   A) Irresistable   B) Irresistible   C) Irresistablee   D) Irresestable

5. Select the word with correct spelling
   A) Acknowleledge   B) Acknowledge   C) Acknowlege   D) Acknolledge

6. Find the mis spelt word
   A) Annex   B) Aniversary   C) Animate   D) Animosity

7. Suganya is not capable of --------------work

   A) do   B) doing   C) to be done   D) did

8. Radha hopes to join ----- university soon

   A) a   B) the   C) an   D) No article

9. Rayansh has been absent to school ---- a fortnight

   A) from   B) for   C) since   D) to

10. The cat and the dog have a ------ enemy in the race.

    A) Same   B) mutual   C) common   D) simiilar

Out of the alternatives, choose the synonym of the given word
11. Ecstasy
    A) Dull   B)Lively   C) blissful   D) Boring

12. profound

   A) Creative   B)deepest   C) Traditional D) Ordinary

13. "Synopsis"

   A) Index.   B)Mixture   C) Summary   D) Puzzle

14. Poaching

   A) Forsake   B) plundering   C) Cherish   D) Enlarge

15. Halt

   A) Begin   B) Create   C) Cease   D) Dull

   Identify the correct antonym for the given word:--

16. Rigorous

   A) Lenient   B) Strict   C) Stringent   D) Harsh

17. Ephemeral

   A) Short-lived   B)Long-lived   C) Temporary D) Fleeting

18. Compensate

   A) recoup   B) indemnify   C) remunerate   D) deny

19. Superficial

   A) Attract   B) Repel   C) profound   D) Diffuse

20. Feeble

   A) Weak   B) Strong   C) Cool   D) Frail

Out of the four alternatives, choose the one which can be substituted for the given words/sentence:-

21.   "Make a mountain out of a male hill" means

   A) To exaggerate a problem   B)To minimize a problem

   C) To solve a problem   D) To ignore a problem

22   "Rail on someone's parade" means

A) to spoil some ones's plans B)To join in someone's celebration

C) To help someone   D) To ignore someone

23. A person who knows many foreign languages

A) Linguist   B) Polyglot   C) Grammarian   D) Bilingual

24. A person who is present everywhere

A) Omnipotent   B) Omnisclent   C) Omnipresent   D)Optimist

25. To renounce a high position of authority of control

A) Abort   B) Abdicate   C) Abandon   D) Abduct

Sentence Improvement:-

26. I took the cycle which he bought yesterday.

A) that he bought yesterday   B) that he had bought yesterday

C) that which he had bought yesterday   D) No Improvement

27. I shall ring him tomorrow in the afternoon

A) ring him up   B) ring to him   C) ring up to him   D) No improvement

28. One day you will repent over what you have done

A) About   B) for   C) of   D) No improvement

Choose the correct sentence grammatically.

29. A) Me and my friend go to the movies.
    B) My friend and I goes to the movies
    C) My friend and I go to the movies
    D) I and my friend to the movies.

30. A) If I was you, I would not do that
    B) If I were you, I would not do that
    C) If I am you, I would not do that
    D) None of the above.

31. They have been working on the problem
    A) Present Continuous Tense   B) Present Perfect continuous Tense

C) Past Perfect   D) Present continuous Tense

32. You cannot ------------a book by its cover

A) examine   B) Look   C) Judge   D) Complete

33. Mrs. Vivek drove ----------- car to work

A) His   B) Herself   C) Her   D) Him

34. The policeman ------------- him

A) rescued   B) was rescued   C) is rescued   D) rescue

PART – II GENERAL KNOWLEDGE

35. Which element is the lightest in the periodic table
A) Hydrogen   B) Helium   C) Oxygen   D) Nitrogen
36. Which ancient civilization built the great pyramid of Giza?
A) Egyptians B) Greeks   C) Romans D) Mesopotamians

37. Who was the founder of the Mauryan Empire in ancient India?
A) Chandragupta Maurya   B) Ashoka the Great   C) Bindusara   D)

Kanishka
38. Who was the leader of the Indian National Army (INA) during world war II?
A) Bhagat Singh   B) Jawaharlal Nehru C) Mahatma Gandhi D) None
39. Which of the following is a type of rock that is formed from the cooling and solidification of

magma?
A) Igneous   B) Sedimentary   C) Metamorphic   D) Follated
40. What is the largest moon in our solar system?
A) Earth's Moon . B) Jupiter's Moon Ganymede   C) Saturn's Moon Titan   D) Uranus moon

Miranda
41. Which of the following initiatives was launched by the Indian Government to promote digital
payments?
A) Digital India   B) Make in India   C) Startup India   D) BHIM
42. Who is the current chief justice of India?
A) Justice NV Ramana   B) Justice UU Lalit   C) Justice DY Chandrachud   D) Justice

Sanjiv Khanna

43. Which Indian state is known for its tea plantations?

   A) Tamilnadu   B) Darjeeling   C) Karnataka   D) Assam

44. Who was the first indian won the Nobel prize?

   A) Rabindranath Tagore   B) CV Raman   C) Subrahmanyan Chandrasekhar   D) Amartya Sen

45. who is the first Indian won a Grand Slam title in tennis?

   A) Leander Paes   B) Sania Mirza   C) Mahesh Bhupathi   D) Rohan Bopanna

46. What is the scientific name of human?

   A) Homohabilis   B) Homoerectus   C) Homoneanderthalensis   D) Homosapiens

47. What is the process by which plants convert sunlight into energy?

   A) Respiration   B) Photosynthesis   C) Decomposition   D) Fermentation

48. Which part of the human brain controls movement?

   A) Cerebrum   B) Cerebellum   C) Brainstem   D) Spinal Chord

49. UPSC Board is situated at --------?

   A) Mumbai   B) Delhi   C) Chennai   D) None.

50. Which article of the Indian Constitution guarantees the Right to Equality?

   A) Article 17   B) Article 15   C) Article 16   D) Article 14

51. Who is the head of the Indian Juciary?

   A) President of India   B) chief Justice of India   C) Prime Minister of India   D) Attorney General of India

52. Which Country hosted the 2024 summer Olympics?

   A) China   B) United States   C) France   D) Japan

53. What is the term for the process of buying and selling goods and services internationally?

   A) Globalization.   B) International trade   C) Exporting   D) Importing

54. Tsunamis are not caused by

   A) Valcanoes   B) Earthquakes   C) Hurricanes   D) Undersea Landslides

55. The metal whose salts are sensitive to light is

   A) Platinum   B) Gold   C) Silver   D) Aluminium

56. Entomology is the science of study.....

   A) the origin and history of technical terms   B) Insects

   C) Behaviour of Human beings   D) The formation of rocks

57. At room temperature which metal is in the liquid state

A) Silver   B) Aluminium   C) Mercury   D) Sodium

58. Who wrote the play "Romeo and Juliet"

A) Jane Austin   B) Charles Dickens   C) William Shakespeare   C) Scott Pitzgerald

59. What is the currency of Kuwait?

A) dollar   B) Euro   C) Dinar   D) Rupee

60. Which is the largest organ in the human body?

A) Brain   B) Kidney   C) Heart   D) Liver

61. Russia is currently war with which country?

A) Afghanistan   B) Ukraine   C) France   D) Iran

62. UNESCO is situated at

A) Italy   B) Geneva   C) Paris   D) New York

63. Which of the organ in the body that can regrow and regenerate

A) Spleen   B) Kidney   C) Liver   D) Pancreas

64. The IUPAC name acetic acid is

A) Methanol   B) Ehanol   C) Ethanoic Acid   D) Methanoic Acid

65. The term Bullseye is used in the game

A) Archery   B) Boxing   C) Tennis   D) Ludo

66. What type of mirror is used in a view finding mirror of a vehicle

A) Plane   B) Concave   C) Convex   D) paraboloidal

67. The element common to all acids is

A) Hydrogen   B) Nitrogen   C) Carbon   D) Sulphur

PART –III ARITHMETIC

68. What is the area of circle with a radius of 5cm?

A) 14Π B) 49Π C) 512Π D) 25Π

69. The value of Cos 30

A) ½   B)1   C) 1/√2   D) √3/2

70. If a cube has a volume of 64cm3. What is the length of its edge?

A) 6   B) 4   C) 5   D) 3

71. If a population grows at a rate of 10% per year. What is the population after 4 years if the initial population is 10,000.

A) 11,000   B) 11,100   C) 13310   D) 14641

72. What is the value of X in the equation $X^2+12x+32=0$

A) 1,12   B) -4, -3   C) -8,-4   D) 1, 7

73. If a cylinder has a radius of 10cm and height 10cm. What is its volume?

A) 10∏   B) 700∏   C) 100∏   D) 1000∏

74. The average of 3 numbers is 17. If 2 Nos. are 14, 21, the third number is

A) 20   B) 16   C) 18   D) None

75. How many sides are there in a pentagon?

A) 6   B) 10   C) 8   D) None

76. The ratio of ages of Sona and Heera is 5:7 . The sum of their ages is 36. Hence the ratio of their ages after 5 years will be

A) 13:10   B)10:13   C) 25:35   D) 10:14

77. 10% of 340 is equivalent to

A) 34   B) 17   C) 5   D) None

78. Five seventh of a number is 35, find the $1/7^{th}$ of a number---------

A) 5   B) 7   C) 10   D) 15

79. 30th term of the arithmetic progression 10, 7, 4...............is

A) 97   B) 77   C) -77   D) -87

80. If tanA=3/4 then the value of CosA is

A) 3/5   B) 4/5   C) 4/3   D) 5/4

81. 0.4 of a number is equal to 0.06 of another number, the ratio of the numbers is

A) 2:3   B) 3:4   C) 3:20   D) None

82. If one angle of a triangle is 90, the sum of the angle of other two of a triangle is equal to

A) 135   B) 90   C) 145   D) 125

83. The formula to find volume of a sphere is

A) $2/3 \prod r^3$ B) $1/3 \prod r^3$ C) $4/3 \prod r^3$ D) $3/4 \prod r^3$

84. The HCF of 90 and 144 is

A) 144   B) 720   C) 360   D) 18

85. A dice is rolled twice. The probability that 5 will not come up either time is

A) 11/36   B) 1/3   C) 13/36   D) 25/36

86. What is the average of the numbers 12,24,36,48,60?

A) 54   B) 44   C) 36   D) None

87. The speed of the train is 54km/hr and travels a certain distance in 4 secs, then find the distance travelled by the train?

A) 35m   B) 60m   C) 45m   D) None

88. Find the least number exactly divisible by 12,15,20 and 27

A) 60   B) 450   C) 540   D) 54

89. The product of two numbers is 1320 and their HCF is 6. The LCM of the numbers -----

A) 1314   B) 7920   C) 220   D) 1326

90. Simplify: $(36.54)^2 - (3.46)^2 = ?$

A) 3.308   B) 4   C) 33.08   D) 330.8

91. If 2 tables and 3 chairs cost Rs.3500 and 3 tables and 2 chairs cost Rs.4000, then how much does a table cost?

A) 500   B) 750   C) 1000   1500

92. A man plants 15376 apple trees in his garden and arranges them so that there are so many rows as there are apples trees in each row. The number of rows is

A) 124   B) 126   C) 134   D) None

93. Find the average of first 41 natural numbers

A) 21   B) 22   C) 21.5   D) 20.5

94. After deducting a commission of 5%, a TV set costs Rs.9595. Its marked price is ----------

A) Rs. 10,000   B) Rs.10075   C) Rs.10100   D) Rs.10500

95. A certain amount was divided between A and B in the ratio 4:3. If B's share was Rs.4800, the total amount was ------

A) Rs.11200   B) 6400   C) 19,200   D) 39,200

96. Two cones have their heights in the ratio of 1:3 and radii 3:1. The ratio of their volumes is------- -----

A) 1:1   B) 1:3   C) None   D) 2:3

97. A train moves with a speed of 126kmph. Its speed in metres per second is ---------

A) 10.8   B) 18   C) 30   D) 35

98. If the principal amount is Rs.10,000, rate of interest is 9% per annum and time is 3 years. What is the   simple interest?

A) Rs.1600   B) RS.3000   C) Rs.2400   D) Rs.2700

99. A car travels from city A to city B at an average speed of 100km/hr. On the return journey, it travels at an average speed 60km/hr. what is the average speed for the entire journey?

A) 75km/hr   B) 60km/hr   C) 45km/hr   D) None

100. If a rectangle has a length of 9cm and a width of 6 cm, what is the perimeter?

A) 12cm^2 B) 24 cm^2 C) 36 cm^2 D) 30 cm^2

Answer key for suitability(written) test for NTPC/Skilled Artizan category under Compassionate Grounds appointment held on 03.03.2025

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