QUESTION BOOKLET

SUITABILITY TEST FOR NTPC/SKILLED ARTISAN CATEGORY ON COMPASSIONATE GROUNDS APPOINTMENT

DATE OF EXAMINATION : 21-11-2024   **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:
   a. Part I – General Knowledge
   b. Part II -General English
   c. Part III –Simple Arithmetic

3. All questions are compulsory.

4. All questions carries 1 mark

5. There shall be **No Negative marks** for wrong answers

6. Since there are only objective questions, no corrections of any type is 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 15 pages. Candidates should check whether all pages are available before answering.

8. Candidates are instructed not to write his Name, Roll 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 other than the specified space, the answer sheet will not be valued.

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

Questions:

1) Select the word with correct spelling :

A) Independant
B) Independent
C) Independanty
D) Independently

2) Select the word with correct spelling :

A) Necessery
B) Nesessary
C) Necessary
D) Nesessery

3) Choose the correct spelling :

A) Seperation
B) Separation
C) Separetion
D) Seperatoin

4) Which is the correct spelling?
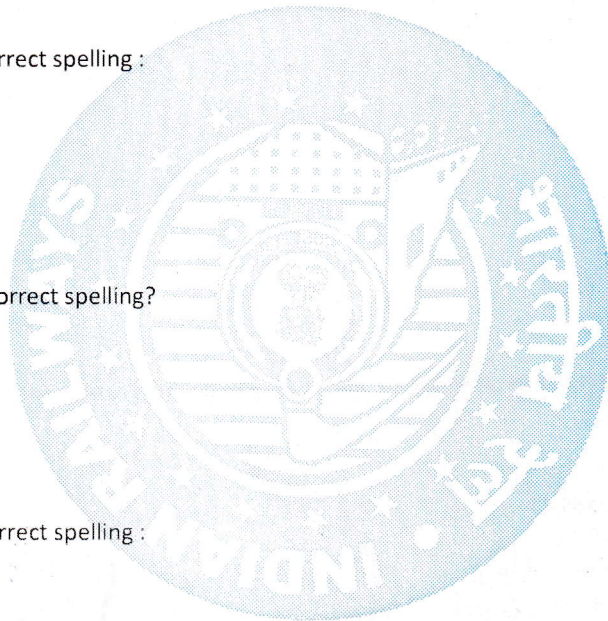
A) Recieve
B) Receive
C) Raceive
D) Recaive

5) Choose the correct spelling :

A) Irresistable
B) Irresistible
C) Irresistablee
D) Irresistibl

Question (6-10) Out of the four alternatives, choose the synonym of the given word:

6) Huge

A) Enormous
B) Tiny
C) Small
D) Medium

7) Happy

A) Joyful
B) Sad
C) Angry
D) Fearful

8) Innovative

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

9) Adventurous

A) Daring
B) Cautious
C) Fearful
D) Timid

10) Old

A) New
B) Ancient
C) Young
D) Modern

Question (11-15) Out of the four alternatives, choose the one which can be substituted for the given words/sentence:

11) "Break a leg" means:
A) A) To wish someone bad luck
B) To wish someone good luck
C) To tell someone to be careful
D) To tell someone to give up

12) " Bite off more than you can chew" means:
A) To take on more responsibility than you can handle
B) To eat more food than you can digest
C) To talk more than you can listen
D) To run more than you can walk

13) "On the same page" means:
A) To have different opinions
B) To agree
C) To disagree
D) To be confused

14) "Beat around the bush" means:
A) To talk directly and clearly
B) To avoid talking about something
C) To talk about something in a roundabout way
D) To shout loudly

15) " Give someone the cold shoulder" means:
A) To show someone affection and kindness
B) To ignore someone or show them indifference
C) To talk to someone in a friendly way
D) To argue with someone

Question (16-20) Read the passage carefully and select the best answer to each question out of the given four alternatives:

"The city of Mumbai is known for its vibrant culture and rich history. Located on the west coast of India, Mumbai is a bustling metropolis with a population of over 12 million people. The city is home to many iconic landmarks, including the Gateway of India, the Chhatrapati Shivaji Terminus, and the Haji Ali Dargah. Mumbai is also known for its film industry, Bollywood, which produces hundreds of movies every year. The city's cuisine is a fusion of different cultures, with popular dishes like vada pav, pav bhaji, and bhelpuri."

16. What is the population of Mumbai, according to the passage?
A) Over 1 million people
B) Over 5 million people
C) Over 12 million people
D) Over 20 million people

17. What is the name of the famous landmark in Mumbai that is mentioned in the passage?
A) Taj Mahal
B) Gateway of India
C) Red Fort
D) Qutub Minar

18. What is the name of the film industry based in Mumbai?
A) Hollywood
B) Bollywood
C) Tollywood
D) Kollywood

19. What is the name of the popular dish mentioned in the passage that is a fusion of different cultures?
A) Vada pav
B) Pav bhaji
C) Bhelpuri
D) All of the above

20. Where is Mumbai located, according to the passage?
A) East coast of India
B) West coast of India
C) North coast of India
D) South coast of India

Question (21-25) Sentence Improvement. Select the best option which replaces the given sentence correctly:

21. The teacher give us a lot of homework.

A) The teacher gives us a lot of homework.
B) The teacher giving us a lot of homework.
C) The teacher is giving us a lot of homework.
D) The teacher will give us a lot of homework.

22. Me and my friend go to the movies every week.

A) My friend and I go to the movies every week.
B) My friend and me go to the movies every week.
C) I and my friend go to the movies every week.
D) My friend and I goes to the movies every week.

23. The company have been in business for over 50 years.

A) The company has been in business for over 50 years.
B) The company have been in business for over 50 years.
C) The company is in business for over 50 years.
D) The company was in business for over 50 years.

24. The student don't know the answer to the question.

A) The student doesn't know the answer to the question.
B) The student do not know the answer to the question.
C) The student does not know the answer to the question.
D) The student didn't know the answer to the question.

25. The weather is nice, so we go to the park.

A) The weather is nice, so we go to the park.
B) The weather is nice, therefore we go to the park.
C) The weather is nice, thus we go to the park.
D) The weather is nice; we go to the park.

Question (26-30) Out of the four alternatives, choose the antonym of the given word:

26) Clean
  A) Dirty
  B) Pure
  C) Spotless
  D) Filthy

27)   Spontaneous
   A) Planned
   B) Deliberate
   C) Impulsive
   D) Voluntary

28) Quiet

   A) Loud
   B) Silent
   C) Noisy
   D) Peaceful

29) Chaotic
   A) Organized
   B) Disorderly
   C) Confused
   D) Cluttered

30) Simple

   A) Complex
   B) Easy
   C) Difficult
   D) Complicated

Question (31-35) Select the appropriate option to fill in the blank

31. The picture is hanging _____ the wall.

A) on
B) in
C) at
D) from

32. The student is looking _____ his notes.

A) at
B) in
C) on
D) through

33. The woman is walking _____ the beach.

A) on
B) in
C) at
D) along

34. The dog is running _____ the park.

A) in
B) on

C) at
D) through

35. The baby is sleeping _____ her crib.

A) in
B) on
C) at
D) under

PART II – GENERAL KNOWLEDGE

36. Who was the first emperor of the Mauryan dynasty?
A) Chandragupta Maurya
B) Ashoka
C) Bindusara
D) Brihadratha

37. Which of the following was a major consequence of the Indian Rebellion of 1857?

A) The establishment of British rule in India
B) The end of the Mughal Empire
C) The rise of the Indian National Congress
D) The partition of India

38. Who was the leader of the Non-Cooperation Movement in India?

A) Mahatma Gandhi
B) Jawaharlal Nehru
C) Subhas Chandra Bose
D) Bhagat Singh

39. Which of the following ancient Indian kingdoms was known for its university at Nalanda?

A) Magadha
B) Maurya
C) Gupta
D) Pallava

40. Who was the first Governor-General of India under the British East India Company?

A) Warren Hastings
B) Robert Clive
C) Lord Cornwallis
D) Lord Wellesley

41. Which of the following cricketers has scored the most centuries in international cricket?

A) Sachin Tendulkar
B) Virat Kohli
C) Sir Don Bradman
D) Sir Vivian Richards

42. Which of the following tennis tournaments is considered the oldest and most prestigious in the world?

A) Wimbledon
B) US Open
C) Australian Open
D) French Open

43. Who is the only athlete to have won Olympic gold medals in both Summer and Winter Games?

A) Eddie Eagan
B) Lidiya Skoblikova
C) Paavo Nurmi
D) Carl Lewis

44. Which of the following footballers has won the most Ballon d'Or awards?

A) Lionel Messi
B) Cristiano Ronaldo
C) Zinedine Zidane
D) Diego Maradona

45. Who is the only boxer to have won world titles in eight different weight divisions?

A) Muhammad Ali
B) Sugar Ray Leonard
C) Manny Pacquiao
D) Floyd Mayweather Jr.

46. What is the process by which plants convert sunlight into energy?
A) Respiration
B) Photosynthesis
C) Decomposition
D) Fermentation
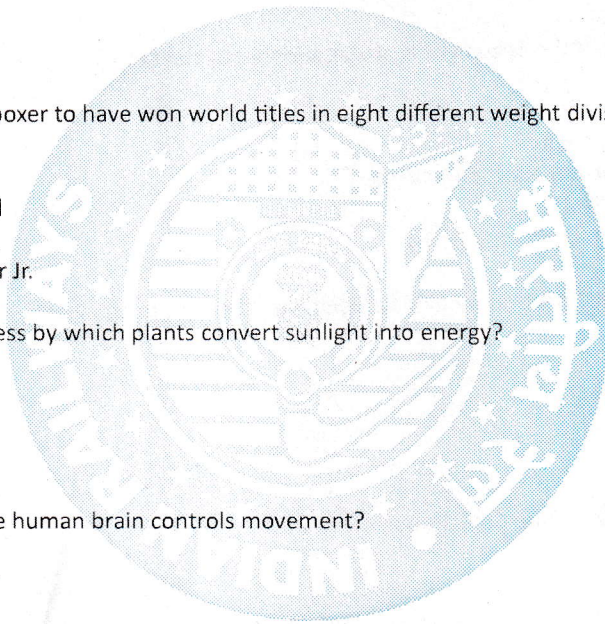
47. Which part of the human brain controls movement?
A) Cerebrum
B) Cerebellum
C) Brainstem
D) Spinal cord

48. Which scientist discovered gravity?
A) Galileo Galilei
B) Isaac Newton
C) Albert Einstein
D) Leonardo da Vinci

49. What is the process by which water moves through a plant?
A) Respiration
B) Transpiration
C) Photosynthesis
D) Osmosis

50. Which type of rock is formed from molten lava?
A) Igneous
B) Sedimentary
C) Metamorphic
D) Foliated

51. What is the supreme law of the land in India?

A) The Indian Penal Code
B) The Constitution of India
C) The Code of Civil Procedure
D) The Code of Criminal Procedure

52. Who is the head of the executive in India?

A) The President of India
B) The Vice-President of India
C) The Prime Minister of India
D) The Chief Justice of India

53. What is the name of the document that was adopted by the Constituent Assembly of India on November 26, 1949?

A) The Constitution of India
B) The Preamble to the Constitution of India
C) The Fundamental Rights
D) The Directive Principles of State Policy

54. Which article of the Constitution of India deals with the right to equality?

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

55. Who is the custodian of the Constitution of India?

A) The President of India
B) The Prime Minister of India
C) The Chief Justice of India
D) The Parliament of India

56. Who is the current CEO of Twitter?
A) Elon Musk
B) Parag Agrawal
C) Jack Dorsey
D) Sundar Pichai

57. Which country hosted the 2024 Summer Olympics?
A) France
B) United States
C) China
D) Japan

58. What is the name of the world's largest vaccine manufacturer, based in India?
A) Serum Institute of India
B) Bharat Biotech
C) Dr. Reddy's Laboratories
D) Cipla

59. Which international organization did India join in 2024?
A) BRICS
B) ASEAN
C) G20
D) Shanghai Cooperation Organisation (SCO)

60. What is the name of India's first indigenous aircraft carrier?
A) INS Vikrant
B) INS Viraat
C) INS Vikramaditya
D) INS Arihant

61. What is the primary function of a commercial bank?
A) To provide insurance services
B) To invest in stocks and shares
C) To accept deposits and provide loans
D) To facilitate international trade

62. Which of the following railway lines is the oldest in India?

A) Mumbai-Pune Railway Line
B) Chennai-Mysore Railway Line
C) Delhi-Kolkata Railway Line
D) Mumbai-Thane Railway Line

63. What is the name of the railway museum in Delhi?

A) National Rail Museum
B) Railway Museum
C) Indian Railways Museum
D) Delhi Rail Museum

64. Which Indian state has the highest literacy rate?
A) Kerala
B) Tamil Nadu
C) Maharashtra
D) Karnataka

65. Who was the founder of the Indian National Congress?
A) Allan Octavian Hume
B) Mahatma Gandhi
C) Jawaharlal Nehru
D) Lala Lajpat Rai

66. 4. The equation $2x + 5y = 7$ has a solution:

A) $x = 1, y = 1$
B) $x = 2, y = 1$
C) $x = 1, y = 2$
D) $x = 2, y = 2$

67. If $x^2 - 2x - 3 = 0$, then the value of x is:

A) 1
B) 2
C) 3
D) 4

68. What is the quadratic equation whose roots are 2 and 3?

A) $x^2 - 5x + 6 = 0$
B) $x^2 + 5x - 6 = 0$
C) $x^2 - 5x - 6 = 0$
D) $x^2 + 5x + 6 = 0$

69. What is the sum of interior angles of a quadrilateral?

A) 360°
B) 540°
C) 720°
D) 900°

70. What is the formula for the area of a triangle?

A) 1/2 bh
B) 1/2 (b + h)
C) 2bh
D) 2(b + h)

71. The perimeter of a rectangle with length 6 cm and breadth 4 cm is:

A) 10 cm
B) 12 cm
C) 14 cm
D) 20 cm

72. If sin A = 3/5, what is the value of cos A?

A) 4/5
B) 3/4
C) 2/3
D) 1/2

73. What is the value of tan 45°?

A) 1
B) 2
C) 3
D) 4

74. In a circle, the angle subtended by a diameter at the circumference is:

A) 90°
B) 180°
C) 270°
D) 360°

75. What is the equation of the line passing through (2, 3) and (4, 5)?

A) y = x + 1
B) y = x - 1
C) y = 2x + 1
D) y = 2x - 1

76. What is the formula for the volume of a sphere?

A) V = 4/3 πr^3
B) V = 2/3 πr^3
C) V = 1/3 πr^3
D) V = πr^3

77. If the radius of a sphere is 3 cm, what is its surface area?

A) 36π cm^2
B) 54π cm^2
C) 72π cm^2
D) 108π cm^2

78. A set of numbers has a median of 5. If the numbers are arranged in ascending order, what is the middle value?

A) 3
B) 5
C) 7
D) 9

79. What is the formula for the volume of a pyramid?

A) V = 1/3 Bh
B) V = 1/2 Bh
C) V = Bh
D) V = 2/3 Bh
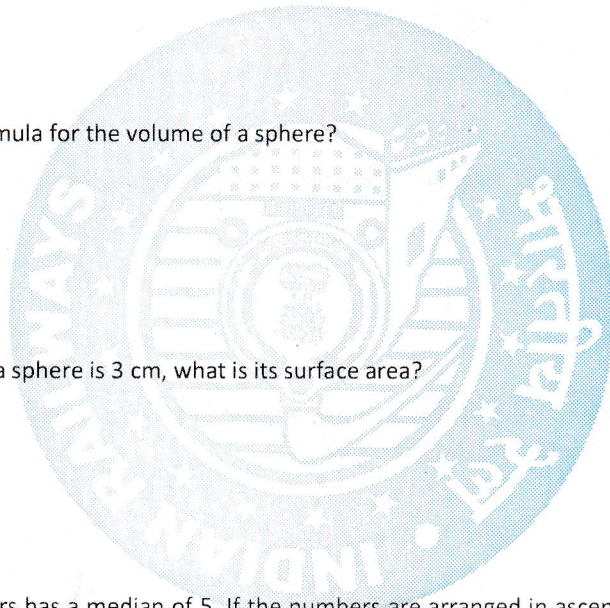
80. What is the mode of the following numbers: 1, 2, 2, 3, 4, 4, 4?

A) 1
B) 2
C) 3
D) 4

81. A shopkeeper buys 100 units of a product at $10 each and sells 70 units at $15 each. If the remaining units are sold at $8 each, what is the overall profit/loss percentage?

A) 10% profit
B) 5% loss
C) 15% profit
D) 20% loss

82. A company purchases a machine for $50,000 and sells it for $60,000 after 2 years. If the depreciation rate is 10% per annum, what is the profit percentage?

A) 10%
B) 20%
C) 30%
D) 40%

83. What is the simple interest on a principal amount of Rs 1000 at a rate of 5% per annum for 2 years?

A) Rs 50
B) Rs 100
C) Rs 150
D) Rs 200

84. A train travels from City A to City B at an average speed of 80 km/h. If the distance between the two cities is 240 km, how long does the journey take?

A) 2 hours
B) 3 hours
C) 4 hours
D) 5 hours

85. A car travels from City A to City B at an average speed of 60 km/h and returns at an average speed of 40 km/h. What is the average speed for the round trip?

A) 40 km/h
B) 48 km/h
C) 50 km/h
D) 60 km/h

86. If a bag contains 15 red balls and 20 blue balls, what is the ratio of red balls to blue balls?

A) 3:4
B) 4:5

C) 5:6
D) 6:7

87. A recipe calls for a ratio of 2 cups of flour to 1 cup of sugar. If you need 3 cups of sugar, how many cups of flour will you need?

A) 4 cups
B) 5 cups
C) 6 cups
D) 8 cups

88. A map has a scale of 1:1000. If a distance on the map is 5 cm, what is the actual distance?

A) 5 km
B) 10 km
C) 50 km
D) 100 km

89. Which of the following is an integer?

A) 5/2
B) 3.14
C) 7
D) 2.5

90. A group of friends want to share some candy in a ratio of 2:3:5. If they have 50 pieces of candy, how many pieces will each person get?

A) 10, 15, 25
B) 12, 18, 30
C) 15, 20, 30
D) 20, 25, 35

91. Which of the following numbers is divisible by 2 and 3?

A) 6
B) 9
C) 12
D) 15

92. Which of the following numbers is an irrational number?

A) 1/2
B) 3/4
C) π
D) $\sqrt{2}$

93. Which of the following numbers is an even integer?

A) 23
B) 34
C) 57
D) 91

94. What is the HCF of 12 and 18?

A) 2
B) 3
C) 6
D) 9

95. What is the sum of 1/2 and 1/3?

A) 2/3
B) 3/4
C) 5/6
D) 1/2

96. What is the LCM of 8 and 12?

A) 16
B) 24
C) 32
D) 48

97. Which of the following numbers is a prime number?

A) 4
B) 6
C) 8
D) 11

98. A father is 4 times as old as his son. If the son is 12 years old, how old is the father?

A) 36
B) 40
C) 48
D) 60

99. Two brothers are 5 and 7 years old. What will be the difference in their ages after 10 years?

A) 2
B) 5
C) 10
D) 12

100. Which of the following numbers is a composite number?

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

*************END OF QUESTION PAPER*************

ANSWER KEY

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