QUESTION BOOKLET

Suitability Test for Skilled Artisan Category Under Compassionate Grounds Appointment

Date of Examination: 22/08/2023

Time : 10:00 hrs. to 12:00 hrs
Marks : 100

INSTRUCTIONS TO CANDIDATES:

1. Candidates should write their name, roll number etc., only in the space provided in the fly leaf and NOT in any other sheet.

2. The Question paper contains 100 questions:

   Part I – General Knowledge

   Part II – General English

   Part III – Mathematics

3. All questions are compulsory.

4. Each question carries 1 mark.

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

6. Think well before you write your choice of answer. No corrections/Over writings are permitted. If found, the same will not be evaluated.

7. The question paper consists of 9 pages. Candidates should check whether all pages are available before answering.

8. Any unattended page in the answer sheet must be clearly strike out.

9. Choice of answer should be written in capital letter. For example, A, B, C, D etc

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PART – I (GENERAL KNOWLEDGE)

1.	Bhubaneshwar is the capital of which Indian State?						
	A.	Uttar Pradesh	B.	Odisha	C.	Jharkhand	D.	Rajasthan

2.	Which of the following is the National Animal of India?						
	A.	Horse	B.	Lion	C.	Tiger	D.	Elephant

3.	Which of the following is the National Anthem of India composed by Rabindranath Tagore?						
	A.	Vande Mataram	B.	Ae Mere Watan Ke Logon	C.	Sare Jahan Se Achcha	D.	Jana Gana Mana

4.	How many continents are there in the world?						
	A.	3	B.	5	C.	7	D.	9

5.	The longest river in the world, Nile is situated in which continent?						
	A.	Africa	B.	Asia	C.	South America	D.	Europe

6.	Which is the hottest planet in the solar system?						
	A.	Mercury	B.	Earth	C.	Jupiter	D.	Venus

7.	Largest ocean in the world is						
	A.	Atlantic ocean	B.	Pacific ocean	C.	Atlantic Ocean	D.	Indian Ocean

8.	The disease Scurvy is caused due to the deficiency of which vitamin?						
	A.	Vitamin B	B.	Vitamin C	C.	Vitamin A	D.	Vitamin D

9.	The disease Cataract affects which part of our body?						
	A.	Kidney	B.	Heart	C.	Lungs	D.	Eye

10.	Lohri, the harvest festival, is celebrated in which Indian state?						
	A.	Assam	B.	Meghalaya	C.	West Bengal	D.	Punjab

11.	Which of the following vitamin deficiency causes Beriberi?						
	A.	Vitamin K	B.	Vitamin B5	C.	Vitamin D	D.	Vitamin B1

12.	Which Mughal emperor built Tajmahal at Agra?						
	A.	Jehangir	B.	Akbar	C.	Babar	D.	Shah Jahan

13.	Who is the chief architect of the Indian Constitution?						
	A.	Bhimrao Ambedkar	B.	Indira Gandhi	C.	Jawaharlal Nehru	D.	Rajendra Prasad

14.	Who is also known as the Iron Man of India?						
	A.	Subhas Chandra Bose	B.	Lal Bahadur Shastri	C.	Sardar Vallabhbhai Patel	D.	Bhagat Singh

15.	In which year did the Quit India Movement start?							
	A.	1945	B.	1930	C.	1939	D.	1942

16.	How many times did India win the ICC Cricket World Cup?							
	A.	2	B.	1	C.	4	D.	3

17.	Who is known as the Flying Sikh of India?							
	A.	Usain Bolt	B.	Milkha Singh	C.	Sandeep Singh	D.	Navjot Singh

18.	Kaziranga National Park is situated in which state?							
	A.	Madhya Pradesh	B.	Gujarat	C.	Punjab	D.	Assam

19.	Who is known as the inventor of Computer?							
	A.	Charles Babbage	B.	Roger Bacon	C.	Joseph Aspdin	D.	Tim Trelling

20.	Which of the following is not a Union Territory							
	A.	Ladakh	B.	Chandigarh	C.	Jammu and Kashmir	D.	Sikkim

21.	Name the language that is widely spoken by the people residing in Kerala.							
	A.	Oriya	B.	Hindi	C.	Konkani	D.	Malayalam

22.	The famous children's book – "Jungle Book" was written by							
	A.	Enid Blyton	B.	Dr. Seuss	C.	Rita Williams-Garcia	D.	Rudyard Kipling

23.	Name the first Prime Minister of India who served the office (15 August 1947 – 27 May 1964) until his death.							
	A.	Gulzarilal Nanda	B.	Jawaharlal Nehru	C.	Rajendra Prasad	D.	Lal Bahadur Shastri

24.	Which river is also known as Dakshin Ganga?							
	A.	Krishna	B.	Cauvery	C.	Godavari	D.	Mahanadi

25.	The most abundant gas on the earth is							
	A.	Hydrogen	B.	Oxygen	C.	Nitrogen	D.	Carbon Dioxide

26.	Which is the world's longest railway platform?							
	A.	Gorakhpur (Uttar Pradesh, India)	B.	Kharagpur (West Bengal, India)	C.	Kollam (Kerala, India)	D.	State Street Subway

27.	What is the position of the Indian Railway in the world according to the length of rail lines?							
	A.	First	B.	Second	C.	Third	D.	Fourth

28.	The value of goods and services produced by residents of a country and the value of their property is called							
	A.	Gross Domestic Product	B.	Net Domestic Product	C.	Gross National Income	D.	Net National Income

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29.	In which sector did the union minister launch the 'Single Window Clearance System' ?							
	A.	Coal Mines	B.	DISCOMs	C.	Steel Plants	D.	Copper Mines
30.	'National Safety Council' was set up by which Union Ministry?							
	A.	Ministry of Health and Family welfare	B.	Ministry of Labour	C.	Ministry of Commerce and Industry	D.	Ministry of Heavy Industries

PART – II (GENERAL ENGLISH)

31.	Find the correctly spelt word							
	A.	Treatmeant	B.	Bitterment	C.	Efficient	D.	Employble
32.	Find the correctly spelt word							
	A.	Recommandation	B.	Recommendation	C.	Recomendations	D.	Reccomendation
33.	*Pick the pronoun from the options to fill the blank in the sentence:* .... belongs to the most intelligent group of boys in the school.							
	A.	He	B.	She	C.	It	D.	They
34.	*Pick the pronoun from the options to fill the blank in the sentence:* The cat has finished the food in .... bowl.							
	A.	Its	B.	His	C.	Her	D.	Him
35.	*Fill the blanks with proper tense form from the given options:* James .... to the market yesterday.							
	A.	went	B.	is left	C.	is going	D.	will go
36.	*Fill the blanks with proper tense form from the given options:* She .... her entire childhood in the woods.							
	A.	will be	B.	spent	C.	spend	D.	spending
37.	*Fill the blanks with appropriate word from the given options:* He is very good .... making stories							
	A.	in	B.	about	C.	at	D.	for
38.	The chairman is ill and we will have to .... the meeting for few days							
	A.	put on	B.	put of	C.	put away	D.	put off
Fill in the Blanks								
39.	I saw .... movie last night							
	A.	the	B.	a	C.	an	D.	is
40.	Can you give me .... books on the table?							
	A.	the	B.	a	C.	an	D.	is

41.	She is .... teacher						
	A.	the	B.	a	C.	an	D.	in

42.	That is .... excellent book						
	A.	the	B.	a	C.	an	D.	in

43.	.... farmer had three daughters						
	A.	the	B.	a	C.	an	D.	in

Select the English word which is nearer to the meaning - Synonym

44.	Lament						
	A.	Comment	B.	Condone	C.	Moan	D.	Console

45.	Rescue						
	A.	Defence	B.	Help	C.	Safety	D.	Command

46.	Stringent						
	A.	Habitual	B.	Routine	C.	Steady	D.	Rigorous

47.	Feeble						
	A.	Vain	B.	Arrogant	C.	Weak	D.	Brave

48.	Amuse						
	A.	Entertain	B.	Bargain	C.	Depress	D.	Offend

49.	Fame						
	A.	Obscurity	B.	Fake	C.	Unknown	D.	Renown

Select the English word which is opposite to the meaning - Antonym

50.	Abundant						
	A.	Wrong	B.	Wide	C.	Scarce	D.	Deny

51.	Despair						
	A.	Anguish	B.	Distress	C.	Pain	D.	Cheer

52.	Safe						
	A.	Unsafe	B.	Safeless	C.	Insafe	D.	None of these

53.	Zenith						
	A.	Acme	B.	Apex	C.	Pinnacle	D.	Bottom

54.	Cosy						
	A.	Easy	B.	Snug	C.	Comfortless	D.	Warm

55.	Plead						
	A.	Ask	B.	Beseech	C.	Refuse	D.	Beg

PART – III (ARITHMETIC)

56.	Average of the first five multiples of 9 is						
	A.	20	B.	27	C.	30	D.	36

57.	Solve 240÷8+2						
	A.	24	B.	32	C.	36	D.	34

58.	The product of 121 x 0 x 200 x 25 is						
	A.	15000	B.	4000	C.	0	D.	None of these

59.	In an Arithmetic Progression, if a = 28, d = -4, n = 7, then a_n is:						
	A.	4	B.	5	C.	3	D.	7

60.	Find the rate of interest if the amount after 2 years of simple interest on a capital of Rs. 1200 is Rs. 1440.						
	A.	8%	B.	9%	C.	10%	D.	12%

61.	Rs. 1200 is lent out at 5% per annum simple interest for 3 years. Find the amount after 3 years.						
	A.	Rs.1380	B.	Rs.1290	C.	Rs.1470	D.	Rs.1200

62.	Three numbers are in ratio 1 : 2 : 3 and HCF is 12. The numbers are:						
	A.	12,24,36	B.	11,22,33	C.	12,24,32	D.	5,10,15

63.	Two numbers are in the ratio 3 : 4. If their LCM is 240, the smaller of two number is						
	A.	100	B.	80	C.	60	D.	50

64.	Solve the linear equation $$\frac{1}{5}(10x - 20) = x - 3$$						
	A.	-1	B.	17	C.	3	D.	1

65.	The formula for the perimeter of a rectangle is given by P = 2l + 2w, where l is the length and w is the width. Assume the perimeter of a rectangular plot of land is 480 m. The length is twice the width. Find the length of the rectangular plot of land.						
	A.	80m	B.	120m	C.	160m	D.	240m

66.	The Pythagorean Theorem for a right triangle is $a^2 + b^2 = c^2$, where a and b are the legs of the triangle and c is its hypotenuse. The shorter leg is 10 cm less than the other leg, and the hypotenuse is 10 cm longer than that other leg. What is the length of the hypotenuse?						
	A.	30cm	B.	40cm	C.	50cm	D.	60cm

67.	Write the equation of the line passing through the point (-3,7) with slope zero.						
	A.	$x = -3$	B.	$y = -3$	C.	$x = 7$	D.	$y = 7$

68.	30th term of the Arithmetic Progression : 10, 7, 4, …, is						
	A.	97	B.	77	C.	-77	D.	-87

69.	Solve the following absolute value equation.						
	$$|2x + 11| = 7$$						
	A.	{-2}	B.	{-9}	C.	{-2,-9}	D.	No solutions

70.	Solve the following equation						
	$$\sqrt{3x + 13} = x + 1$$						
	A.	{-3}	B.	{-4}	C.	{-3, 4}	D.	No solution

71.	What is the next prime number after 5?						
	A.	6	B.	7	C.	9	D.	11

72.	The side of an equilateral triangle is $\frac{1}{2}$ cm. The perimeter of the triangle is						
	A.	1 cm	B.	2cm	C.	$\frac{3}{2}$ cm	D.	$\frac{1}{8}$ cm

73.	What is $\frac{1}{4}$ of $5\frac{1}{3}$?						
	A.	$\frac{1}{3}$	B.	$\frac{2}{3}$	C.	$\frac{4}{3}$	D.	$\frac{5}{12}$

74.	$1.44 \div 1.2$ is equal to						
	A.	1.2	B.	12	C.	0.12	D.	1.12

75.	The ratio of the measures of the three angles of a triangle is 2 : 3 : 4. The measure of the largest angle is						
	A.	80°	B.	50°	C.	40°	D.	180°

76.	Which of the following cannot be the sides of a right triangle?						
	A.	2cm,2cm,4cm	B.	5cm,12cm,13cm	C.	6cm,8cm,10cm	D.	3cm,4cm,5cm

77.	Which is the smallest 4-digit perfect square?						
	A.	1024	B.	1025	C.	1000	D.	1016

78.	How many digits will be there in the cube root of 46656?						
	A.	2	B.	1	C.	3	D.	4

79.	How many vertices does a pyramid with square base have?						
	A.	5	B.	4	C.	3	D.	6

80.	The cost of the article was Rs. 15500 and Rs. 500 was spent on its repairing. If it is sold for a profit of 15%. The selling price of the article is:						
	A.	Rs.16400	B.	Rs.17400	C.	Rs.18400	D.	Rs.19400

81.	$\sqrt[4]{\sqrt[3]{3^2}}$ Equals:						
	A.	$3^{\frac{-1}{6}}$	B.	$3^{\frac{1}{6}}$	C.	3^{-6}	D.	3^6

82.	The value of $\sqrt[4]{(16)^{-2}}$							
	A.	1/4	B.	1/2	C.	4	D.	1/16
83.	The linear equation 3x-11y=10 has							
	A.	Unique solution	B.	Two solutions	C.	Infinitely many solutions	D.	No solutions
84.	The graph of the linear equation 5x + 3y = 10 is a line which meets the x-axis at the point:							
	A.	(0,3)	B.	(3,0)	C.	(2,0)	D.	(0,2)
85.	If ABCD is a trapezium in which AB || CD and AD = BC, then:							
	A.	$\angle A = \angle B$	B.	$\angle A > \angle B$	C.	$\angle A < \angle B$	D.	None of the above
86.	If a triangle and a parallelogram are on the same base and between same parallels, then the ratio of the area of the triangle to the area of the parallelogram will be:							
	A.	1:2	B.	3:2	C.	1:4	D.	1:3
87.	A dice is thrown. The probability of getting 1 and 5 is:							
	A.	1/6	B.	2/3	C.	1/3	D.	1/2
88.	The probability of drawing an ace card from a deck of cards is:							
	A.	1/52	B.	1/26	C.	4/13	D.	1/13
89.	The median of the data: 155 160 145 149 150 147 152 144 148 is							
	A.	149	B.	150	C.	147	D.	144
90.	The mean of the data 2, 3, 4, 5, 0, 1, 3, 3, 4, 3 is							
	A.	2.3	B.	2.6	C.	2.8	D.	2.9
91.	If the radius of a cylinder is 4cm and height is 10cm, then the total surface area of a cylinder is:							
	A.	440 sq.cm	B.	352 sq.cm	C.	400 sq.cm	D.	412 sq.cm
92.	The surface area of a sphere of radius 14 cm is:							
	A.	1386 sq.cm	B.	1400 sq.cm	C.	2464 sq.cm	D.	2000 sq.cm
93.	The sides of a triangle are 122 m, 22 m and 120 m respectively. The area of the triangle is:							
	A.	1320 sq.m	B.	1300 sq.m	C.	1400 sq.m	D.	1420 sq.m
94.	A man covers half of his journey at 6 km/h and the remaining half at 3 km/h. His average speed is							
	A.	9 km/h	B.	4.5 km/h	C.	4 km/h	D.	3 km/h
95.	The sum of two numbers is 27 and product is 182. The numbers are:							
	A.	12 and 13	B.	13 and 14	C.	12 and 15	D.	13 and 24
96.	A man starts climbing a 11 m high wall at 5 pm. In each minute he climbs up 1 m but slips down 50 cm. At what time will he climb the wall?							
	A.	5:30 PM	B.	5:21 PM	C.	5:25 PM	D.	5:27 PM

97.	The area of the circle that can be inscribed in a square of side 8 cm is							
	A.	$36\pi \ cm^2$	B.	$16\pi \ cm^2$	C.	$12\pi \ cm^2$	D.	$9\pi \ cm^2$
98.	The area of the square that can be inscribed in a circle of radius 8 cm is							
	A.	256 sq.cm	B.	128 sq.cm	C.	642 sq.cm	D.	64 sq.cm
99.	Given that the mode and mean as 7 and 8, respectively. Then the median is:							
	A.	1/13	B.	13/3	C.	23/3	D.	33
100	A bag has 3 red balls and 5 green balls. If we take a ball from the bag, then what is the probability of getting red balls only?							
	A.	3	B.	5/8	C.	3/8	D.	8/3

299-A

Answer Key of Suitability Test for Skilled Artisan Category Under Compassionate Grounds Appointment Dated 22/08/2023

1	B		31	C		61	A		91	B
2	C		32	B		62	C		92	C
3	D		33	A		63	C		93	A
4	C		34	A		64	D		94	C
5	A		35	A		65	C		95	B
6	D		36	B		66	C		96	B
7	B		37	C		67	D		97	B
8	C		38	D		68	C		98	B
9	D		39	B		69	C		99	C
10	D		40	A		70	C		100	C
11	D		41	B		71	B			
12	D		42	C		72	C			
13	A		43	A		73	C			
14	C		44	C		74	A			
15	D		45	B		75	A			
16	A		46	D		76	A			
17	B		47	C		77	D			
18	D		48	A		78	A			
19	A		49	D		79	A			
20	D		50	C		80	C			
21	D		51	D		81	B			
22	D		52	A		82	B			
23	B		53	D		83	C			
24	C		54	C		84	C			
25	C		55	C		85	A			
26	A		56	B		86	A			
27	D		57	B		87	C			
28	C		58	C		88	D			
29	A		59	A		89	A			
30	B		60	C		90	C			