

**NCC ORGANIZATION U.T.
CHANDIGARH**

POST: Lascar

**Question Booklet & Answer Key
19.08.2023 (MORNING)**

Directions (Q. 1-3): Choose the correct synonyms of the following words out of the four given options:

1. Drudgery
A) Toil B) Bright C) Brittle D) Clear
2. Collate
A) Criticize B) Cruel C) Gather D) Callous
3. Sporadic
A) Occasion B) Occasional C) Occult D) Overt

Directions (Q. 4 - 5): Select the correct sentence out of four options given below:

4. A) I shall call in your place. B) I shall call into your place.
C) I shall call on your place. D) I shall call at your place.
5. A) He fell the tree. B) He felled the tree.
C) He cut on the tree. D) He cutted the tree.

Directions (Q. 6 -7): Identify the word that is spelt correctly.

6. A) Amature B) Amateur C) Amachure D) Amatuer
7. A) Conscientous B) Concientous C) Consientous D) Conscientious

Directions (Q. 8 - 10): Choose the correct preposition, out of four options, to be filled in the blanks of the following sentences:

8. Murthy met _____ an accident yesterday.
A) with B) in C) at D) upon
9. Salil should try to bring Sita round _____ his views.
A) with B) to C) about D) upon
10. Do you know that this road leads _____ Delhi?
A) in B) from C) to D) upon

Directions (Q. 11 - 13): Mark out of the four given choices, the correct meaning of the italicized idioms/ phrases:

11. *to carry weight*
A) to carry burden B) to be burdensome C) to be ineffective D) to be effective
12. *to draw in one's horns*
A) to praise oneself B) become less assertive
C) to show one's aggressiveness D) to hurt oneself
13. *to bring the house down*
A) to get defeated B) to defeat one's rivals
C) to make an audience respond with great enthusiasm D) to injure others

Directions (Q. 14 - 16): Mark the underlined part, out of four options, that has an error.

14. Many a man have done so.
A) B) C) D)
15. No less than fifty students were injured in the stampede.
A) B) C) D)
16. Shantanu and I discussed about the matter yesterday.
A) B) C) D)

Direction (Q. 17-19) : Choose the correct opposite word out of the four options:

17. Insolent
A) Solvent B) Rude C) Polite D) Tough
18. Menacing
A) Attraction B) Dark C) Threatening D) Auspicious

19. Perpetual
A) Transitory B) Contempt C) Practical D) Beautiful
20. Choose the correct form of the following word as the given part of the speech out of given options: **Above as noun**
A) Our blessings come from above B) The heavens are above
C) The moral law is above the civil D) Analyse the above sentence
21. The First Indian Sound film was:
A) Kisan Kanya B) Alam Ara C) Mother India D) Raja Harish Chandra
22. When did and against which country India recorded its first Test Cricket Victory:
A) 1952, against England B) 1952, against Pakistan
C) 1953, against New Zealand D) 1955, against Australia
23. Which Indian artist decorated the handwritten copy of the constitution?
A) Nandalal Bose B) Mihir Sen C) S.N. Banerji D) Mukesh Bhandopathyaya
24. Which one of the following points is said to be the lowest point in India?
A) Kadapa B) Kakinada C) Kurnool D) Kuttanad
25. 'Zero mile centre' in India is in
A) Jhansi B) Bhopal C) Nagpur D) Raipur
26. Which one of the following provides for the complete equality of men and women in India?
A) Article 14 and 15 of Constitution of India B) Fifth Schedule of Constitution of India
C) The Indian Independence Act D) Article 20 of the Constitution of India
27. Who won the Nobel Prize "for the discovery that black hole formation is a robust prediction of the general theory of relativity"?
A) Andrea Ghez B) Reinhard Genzel C) Robert B. Wilson D) Roger Penrose
28. When Sulphur Dioxide increases in atmosphere, the most suitable pollution indicators are :
A) algae B) algae & ferns C) fungi D) moss & lichens
29. When is Ganesh Chaturthi celebrated as per Indian national calendar ?
A) Bhadrapada Shukla Chaturthi B) Shraavana Shukla Chaturthi
C) Ashvin Shukla Chaturthi D) Kaartik Shukla Chaturthi
30. Which of the following is the State tree of Chandigarh?
A) Peepal B) Mango C) Shisham D) Palash
31. Theme of World Earth Day 2023
A) Invest in our Planet B) Restore our Earth
C) Give a breath to a mother Earth D) Keep the earth Clean and Green
32. What was the theme of International Yoga Day 2023.
A) Yoga for Health B) Yoga with Humanity
C) Yoga for Vasudhaiva Kutumbakam D) Yoga for Healthy Living
33. Recently the Australian Prime Minister was presented Pithora wall-painting made by the Rathwa artisans from:
A) Bharuch B) Chhota Udaipur C) Kachchh D) Patan
34. 'Nothing Like Voting, I Vote for Sure' was the theme of :
A) 12th National Voters' Day B) 13th National Voters' Day
C) 14th National Voters' Day D) 15th National Voters' Day
35. Which of the following is the best conductor of electricity?
A) Ordinary water B) Sea water C) Boiled water D) Distilled water
36. The organ in the body which accumulates iodine is
A) Pituitary gland B) Thymus C) Thyroid Gland D) Spleen
37. Food is mainly digested in
A) Liver B) Large Intestine C) Small Intestine D) Mouth

38. The gas which had leaked out of Union Carbide factory in Bhopal was
 A) methyl isocyanate B) chlorine C) carbon monoxide D) sulphur dioxide
39. The number of Puranas is
 A) 16 B) 18 C) 19 D) 21
40. Before Delhi, where was the capital of India during the British India?
 A) Lucknow B) Bombay C) Calcutta D) Patna
41. The files coded a0q1f5p2k7z (1), a0q1f5p2j7z (2), a0q1g5q2y4z (3), and a0q1g5p2y7z (4), when arranged in ascending order of alphabet (A-Z) and Digit (0-9), will result in the following sequence:
 A) (1)(2)(4)(3) B) (2)(1)(4)(3) C) (1)(2)(3)(4) D) (2)(1)(3)(4)

Directions:(Q. 42 - 44) Below given are letters 'A to Z' and Digits '1 to 9', and following that are their respective codes in small letters for alphabets and numbers.

Letter	A	B	C	D	E	F	G	H	
Code	v	w	f	g	e	i	J	s	
Letter	I	J	K	L	M	N	O	P	
Code	d	c	u	t	n	m	y	l	
Letter	Q	R	S	T	U	V	W	X	
Code	k	z	o	p	b	a	q	r	
Letter					Y	Z			
Code					x	h			
Digit	0	1	2	3	4	5	6	7	8
Code	8	7	4	5	2	6	9	1	0

In the following questions, a group of capital letters and or digits is given and its equivalent code or vice versa, is given in one of the four options. Mark the right matching.

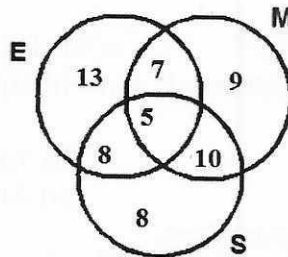
42. Find the code for 'DONKEY'.
 A) gjmuex B) gymfex C) gynuex D) gymuex
43. Find the Original for the code for 'lznwez71527'.
 A) PRMQER17641 B) PRMBER17341
 C) PRMBEH17351 D) PRMQER17341
44. Find the code for 'V8W7C3T4O1R'.
 A) a0q1f5p2y7z B) a0q1f5p2j7z C) a0q1f5p2y4z D) a0q1g5p2y7z
45. For its three projects, an office invited tenders from 45 registered companies. For Project 1, 25 companies gave the tenders. For Project 2, 35 companies gave the tenders, and for Project 3, tenders were given by 30 companies. While 10 companies gave tenders for Project 1 and Project 2 only, 15 companies gave tenders for Project 3 only. If five companies gave tenders for all the three projects, then how many companies had given tenders for atleast two projects?
 A) 25 B) 30
 C) Data insufficient D) Data not consistence
46. Mark odd letter group in the following letter groups.
 A) DEGF B) LMON C) QPST D) UVXW
47. In a Branch there are 3 men and 2 women, and there is only one big table where the staff can be made to sit face-to-face. If men and women are made to sit face to face in groups, then in how many ways they can be made to sit?
 A) 6 B) 12 C) 24 D) 36

Directions:(Q. 48 - 49) Recollecting the sequence of arrivals of members of staff, the Gateman shared that: Ajit came earlier than Kiran but later than Gopal, while Balwinder came later than Daljit, but was earlier than Inderjit. The Gateman added – While Gopal came later than Daljit, but came earlier than Harjinder. If Balwinder came later than Gopal but earlier than Ajit, then:

48. Who is first to reach office?
 A) Balwinder B) Daljit C) Gopal D) Data insufficient
49. Who is last to reach office?
 A) Kiran B) Inderjit C) Harjinder D) Data insufficient

61. The six-digit number 5ABB7A is a multiple of 33 for non zero digits A and B. Which of the following could be possible value of A + B?
 A) 8 B) 9 C) 10 D) 14
62. The L.C.M of two numbers is 12 times their H.C.F. The sum of H.C.F. and L.C.M is 403. If one number is 93, find the other.
 A) 124 B) 128 C) 134 D) None of these
63. $5 - \left[\frac{3}{4} + \left\{ 2\frac{1}{2} - \left(0.5 + \frac{1}{6} - \frac{1}{7} \right) \right\} \right]$ is equal to
 A) $1\frac{19}{84}$ B) $2\frac{61}{84}$ C) $2\frac{23}{84}$ D) $2\frac{47}{84}$
64. There are three positive numbers. One third of the average of all the three numbers is 8 less than the value of the highest number. The average of the lowest and the second lowest number is 8. What is the highest number?
 A) 11 B) 14 C) 10 D) 9
65. A couple has a son and a daughter. The age of the father is four times that of the son and the age of the daughter is one-third of that of her mother. The wife is 6 years younger to her husband and the sister is 3 years older than her brother. The mother's age is:
 A) 42 years B) 48 years C) 54 years D) 63 years
66. A large watermelon weighs 20 kg. with 96% of its weight being water. It is allowed to stand in the sun and some of the water evaporates so that only 95% of its weight is water. Its reduced weight will be :
 A) 16 kg. B) 16.5 kg. C) 17 kg. D) 18 kg.
67. A person distributed two different amounts among his sons W, X, Y and Z. First amount was distributed in the ratio of 4 : 3 : 2 : 1 and the second amount was distributed in the ratio of 5 : 6 : 7 : 8 respectively. If the first amount is half of the second amount, then which son will get the maximum amount?
 A) W B) X C) Y D) Z
68. In a business A invests ₹ 600 more than B. The capital of B remained invested for $7\frac{1}{2}$ months, while the capital of A remained invested for 2 more months. If the total profits be ₹ 620 and B gets ₹ 140 less than what A gets, then A's capital is :
 A) ₹ 2400 B) ₹ 2800 C) ₹ 3000 D) ₹ 3200
69. Three taps A, B and C can fill a tank in 12, 15 and 20 hours respectively. If A is open all the time and B and C are open for one hour each alternatively, the tank will be full in :
 A) 6 hrs B) $6\frac{2}{3}$ hrs C) 7 hrs D) $7\frac{1}{2}$ hrs
70. A, B and C can complete a work separately in 24, 36 and 48 days respectively. They started together but C left after 4 days of start and A left 3 days before the completion of the work. In how many days will the work be completed?
 A) 15 days B) 22 days C) 25 days D) 35 days
71. A boat, while going downstream in a river covered a distance of 50 miles at an average speed of 60 miles per hour. While returning, because of the water resistance, it took 1 hour 15 minutes to cover the same distance. What was the average speed during the whole journey:
 A) 40 mph B) 48 mph C) 50 mph D) 55 mph
72. A jar contains a mixture of two liquids A and B in the ratio 7 : 5. When 9 litres of mixture are drawn off and the jar is filled with B, the ratio of A and B becomes 7 : 9. How many litres of liquid A was contained by the jar initially?
 A) 10 B) 20 C) 21 D) 25
73. In a 200 m race, A can beat B by 31 m and C by 18 m. In a race of 350 m C will beat B by:
 A) 22.75 m B) 25 m C) 19.5 m D) 13 m

74. The angle between the hands of a clock when the time is 4 : 25 am is
 A) $13\frac{1}{2}^\circ$ B) $17\frac{1}{2}^\circ$ C) $14\frac{1}{2}^\circ$ D) $12\frac{1}{2}^\circ$
75. The average marks obtained by 120 students in an examination is 30. If the average marks of passed students is 40 and that of the failed students is 10, what is the 25% of the number of students who passed the examination?
 A) 30 B) 20 C) 40 D) 15
76. A cat takes 5 leaps for every 4 leaps of a dog, but 3 leaps of the dog are equal to 4 leaps of the cat. What is the ratio of the speeds of the cat to that of the dog?
 A) 11 : 15 B) 15 : 11 C) 16 : 15 D) 15 : 16
77. Income of Raman was ₹ 4000. In the first 2 years his income decreased by 10 % and 5 % respectively but in the third year, the income increased by 15%. What was his income at the end of third year:
 A) ₹ 3933 B) ₹ 4000 C) ₹ 3500 D) ₹ 3540
78. In an examination, 20% of total number of students failed in History. 15% of total number of students failed in Hindi and 5% of total number of students failed in both. Find the percentage of students who passed in both the subjects:
 A) 35% B) 70% C) 60% D) 75%
79. A man purchases a certain number of oranges at 4 a rupee and the same number of oranges at 5 a rupee. He mixes them together and sells them at 4 a rupee. What is his gain or loss percent:
 A) $11\frac{2}{9}$ % gain B) $11\frac{2}{9}$ % loss C) $11\frac{1}{9}$ % gain D) $11\frac{1}{9}$ % loss
80. 120 candidates appeared for examination in three subjects namely, English (E), Maths (M) and Science (S). The number of candidates who failed in (E), (M) and (S) are shown in the diagram given below:



- Find the ratio of the candidates who failed in atmost one subject to those who failed in atleast one subject.
 A) 1 : 2 B) 3 : 2 C) 1 : 1 D) None of the above
81. Which of the following statement(s) is/are true with regard to word processing software?
 P: The page orientation decides whether the page will be printed lengthwise (portrait) or across its breadth (landscape).
 Q: Portrait is wider than it is tall; Landscape is taller than it is wide.
 Choose the correct answer from the following:
 A) P only B) Q only C) Both P and Q D) Neither P nor Q
82. Which of the following statement(s) is/are true with regard to word processing software?
 P: Word Art is set of images provided by Microsoft office, which can be used in the document.
 Q: Clip Art is stylish text styles provided by Microsoft office.
 Choose the correct answer from the following:
 A) P only B) Q only C) Both P and Q D) Neither P nor Q
83. What are the advantages of using cloud computing Word Processing software?
 X: The user does not have to install word processing software on the computer
 Y: The user does not have to allocate space to install software in the hard disk
 Z: To save the document, Internet itself provides facilities for space. The user can open or edit the document from any computer which has Internet facility.
 A) X and Y only B) X and Z only C) Y and Z only D) All X, Y and Z

84. A Trojan Horse refers to
 A) Using of a large financial system to squirrel away small amounts of money.
 B) Changing data before or as it enters the system.
 C) Placing illegal instructions in the middle of a legitimate program.
 D) Using another person's identification code.
85. The value of the cell containing the formula = SUMIF(A1:A6, ">50", B1:B6) in the following Excel worksheet is:

	A	B	C
1	45	35	
2	30	85	
3	75	10	
4	15	55	
5	25	20	
6	65	15	
7			

- A) 45 B) 195 C) 25 D) 210
86. The transmission time required for sending a 512-Byte packet using a 56 kbps modem is:
 A) about 7 milliseconds B) about 40 milliseconds
 C) about 70 milliseconds D) about 90 milliseconds
87. Microsoft Office PowerPoint comes with several categories of built-in transition effects. Which of the following is not a type of transition effect supported by Microsoft PowerPoint?
 A) Subtle B) Speed C) Exciting D) Dynamic content
88. In Windows Operating System, Disk Defragmenter utility:
 A) Regroups fragmented sectors on a hard drive.
 B) Regroups pieces of files together on a hard drive.
 C) Compresses fragmented files.
 D) Both A) and C)
89. In MS-EXCEL, a formula =B\$1 + C\$3 + 5 in a cell D9 when copied to F12 will get the formula changed to _____.
 A) =D1 + E3 +5 B) =B\$2 +C\$4+5 C) =C\$1+D\$3+5 D) =D\$1+E\$3 +5
90. To record voice narration for your Microsoft PowerPoint presentation, your computer must have:
 A) An Internet connection. B) Speakers.
 C) A microphone and sound card. D) An external video port.
91. Consider the following MS-EXCEL worksheet:

	A	B	C	D
1	No.	Test 1	Test 2	Total
2	1	80	60	140
3	2	70	50	120
4	3	40	30	70
5	4	30	32	62
6	5	85	85	170
7	6	65	80	145
8	7	72	96	168
9	8	25	32	57
10	9	90	78	168
11	10	25	40	65

- The formula = IF (B10 + C10 > 100, IF (D10 > 100, "A", "B"), "C") in cell D12 will result in
 A) A B) B C) C D) AC
92. An unsolicited e-mail message sent to many recipients at once is a _____.
 A) Worm B) Trojan horse C) Spyware D) Spam
93. While sending an e-mail, to differentiate among To: Cc: and Bcc: fields, which one of the following statements is true?
 A) Recipients in the To: field can see the email addresses that are in the Bcc: and Cc: fields.
 B) Recipients in the Cc: field can see the email addresses that are in the To: and Bcc: fields.
 C) Recipients in the Bcc: field can see the email addresses that are in the To: and Cc: fields.
 D) Only the recipients in the Cc: field can see the other email addresses in the Bcc: field.

94. Which of the following statement(s) is/are true with regard to websites?
P: A blog is a website that consists of posts in reverse chronological order.
Q: A wiki is a website that is designed to allow people to collaborate easily.
Choose the correct answer from the following:
A) P only B) Q only C) Both P and Q D) Neither P nor Q
95. An IPv6 address in computer networking is _____ times larger than an IPv4 address.
A) 2 B) 4 C) 8 D) 16
96. ChatGPT is an AI chatbot developed by OpenAI and launched in November 2022. What does chatGPT stand for?
A) Chat Global Pre-trained Transmission B) Chat General Pre-trained Technology
C) Chat Generalized Pre-trained Technique D) Chat Generative Pre-Trained Transformer
97. Which of the following lists memory types from highest to lowest speed?
A) secondary storage, main memory, L2 cache, registers
B) registers, L1 cache, secondary storage, main memory
C) registers, L2 cache, main memory, secondary storage
D) L1 cache, registers, main memory, secondary storage
98. A confidential file needs to be deleted from a workstation. Which is the most effective way to ensure this?
A) Rename the file
B) Compress the file and back-up to tape
C) Copy and paste the file into the recycle bin and empty the recycle bin
D) Drag the file into the recycle bin and empty the recycle bin
99. With regard to computer memory, which of the following statement(s) is/are TRUE?
P: Read Only Memory (ROM) is 'volatile' memory.
Q: Random Access Memory (RAM) is 'volatile' memory.
R: Secondary Memory is 'volatile' memory.
A) P only B) Q only C) P and Q only D) P and R only
100. From what has the term 'Wi-Max' been derived?
A) Worldwide Interoperability for Microwave Access
B) Worldwide Interconnection for Microwave Access
C) Worldwide Interchangeability for Microwave Access
D) Worldwide Interconnection for Multiple Access

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19-08-2023 Answer key – Lascar

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