Date of Examination:	21st May 2022		Time:	2 Hrs
Name of the Post:	Junior Assistant (Level 1 Test Paper)			

Name of the Candidate:

Application No:

Candidate's Signature   **Invigilator's Signature**

Instructions to the Candidate:

1. Use of Calculators, Cell Phones and Other Electronic Devices are not permitted inside the examination hall.
2. Candidate should fill the details on both question paper booklet and OMR sheet carefully without any corrections.
3. Candidate should carefully read the instructions given on the question paper booklet and OMR sheet
4. Candidate should mark correct answer only on OMR sheet.
5. **Question paper consists of 80 questions in total for 100 marks. Each question carries 1¼ marks (1.25 marks).**
6. Wrong answer per each question carries negative of 0.3125 marks.
7. Clarifications on Questions are not permitted.
8. Rough works can be done in the blank space provided at the end of the question paper booklet.
9. No Candidate is allowed to leave the examination hall till the examination is completed.
10. Candidate should return both question paper booklet and OMR sheet after completion of the examination to the Invigilator.

1.	First six numbers in a sequence are 1,2,3,6,11,20. The tenth number in the same sequence is A) 125 B) 140 C) 230 D) 245
2.	Entomology is the science that studies on : A) Behaviour of human beings C) Insects B) Formation of rocks D) The origin of history of Scientific and Technical terms
3.	The batting average for 40 innings of a cricket player is 50. His highest score exceeds his lowest score by 172 runs. If these two scores are discorded, his average score is 48. The highest score of the player is A) 166 runs B) 170 runs C) 172 runs D) 174 runs
4.	Galileo was an Italian astronomer who A) developed the telescope B) discovered four satellites of Jupiter C) discovered that the movement of pendulum produces a regular time measurement D) All of the above

5.	Based on the statements 1 and 2, which of the conclusions can be drawn?
	1. All the organized persons find time for rest
	2. Sunita, in spite of her very busy schedule, finds time for rest
	
	Conclusions:
	     I. Sunita is an organized person
	     II. Sunita is an industrious person
	A) I Only B) II only C) I and II D) Neither I nor II

6.	Guarantee to an exporter that the importer of his goods will pay immediately for the goods ordered by him, is known as A) Letter of Credit C) Demand draft advance clearance B) Promissory Note D) None of the above
7.	My brother is 3 years elder to me. My father was 28 years of age when my sister was born while my mother was 26 years of age when I was born. If my sister was 4 years of age when my brother was born, then what was the age of my father and mother respectively when my brother was born? A) 32 years, 29 years B) 30 years, 23 years C) 32 years, 23 years D) 35 years, 29 years
8.	Mahatma Gandhi started Civil Disobedience movement (Dandi March) in 1930 from A) Ahmedabad B) Vadodara (Baroda) C) Porbandar D) Gandhinagar
9.	The difference between a two-digit number and the number obtained by interchanging two digits of the number is 9. The sum of the two digits of the number is 15. The product of the two digits of the two-digit number is A) 36 B) 45 C) 56 D) 54
10.	Friction can be reduced by changing from A) sliding to rolling B) rolling to sliding C) potential energy to kinetic energy D) dynamic to static

11.	The Government of India has launched the 4th round Regional Connectivity Scheme "UDAN". What does "D" stand for in "UDAN"?
	A) Drone B) Din C) Desh D) Divas
12.	Which ports connect special types of music instruments to sound cards in a computer
	A) MIDI B) CPU C) BUS D) USB
13.	Total number of numbers that can be formed using the digits 2, 4, 6 and 8 without repetition of digits is
	A) 12 B) 16 C) 24 D) 64
14.	Video processor consists of ___ and ___ , which store and process images.
	A) CPU and Memory B) VGA and Memory C) CPU and VGA D) Non
15.	The product of four consecutive integers is one of them. The largest possible integer among the four integer is
	A) 1 B) 2 C) 3 D) Cannot be determined
16.	In MS Excel , _____ allows users to bring together copies of workbooks that other users have worked on independently.
	A) Merging B) Copying C) Pasting D) Compiling
17.	If $3x + 7y = 36$ and $7x + 3y = 63$, the average of the values of x and y is
	A) 99 B) 45.5 C) 9.9 D) None of these
18.	A certain amount of money has to be divided between two persons P and Q in the ratio 3:5 . But it was divided in the ratio 2:3 and thereby Q loses rupees 10. What was the amount?
	A) 250 B) 300 C) 400 D) 350
19.	A watch which gains uniformly was 2 minutes slow at 12 noon on a Monday and it was 4 minutes 48 seconds fast on the following Monday at 2 PM. At which day and time during this week, did the watch showed correct time?
	A) 1 PM on Tuesday B) 2 PM on Wednesday C) 2 PM on Thursday D) 3 PM on Friday
20.	A man rows to a place 48 km distant and come back in 14 hours. He finds that he can row 4 km with the stream in the same time as 3 km against the stream. The rate of the stream is:
	A) 1 km/hr B) 1.5 km/hr C) 2 km/hr D) 2.5 km/hr
21.	If the symbols −, +, ÷ and * mean addition, subtraction, multiplication and division respectively, then which of the following equation will be correct?
	A) $10 + 5 - 14 \div 10 * 15 = 158$ B) $30 + 5 + 14 - 10 * 15 = 122$
	C) $30 - 5 + 14 \div 10 * 15 = 162$ D) $30 * 5 - 4 \div 10 + 15 = 31$
22.	Average weight of 25 persons is increased by 1kg when one man weighing 60 kg is replaced by a new person. Weight of new person is:
	A) 85 kg B) 86 kg C) 61kg D) 50kg
23.	Two of the words given below in the choices can be used to fill the blank in the following sentence and generate complete sentences that are almost alike in meaning
	Normally an individual thunderstorm lasts about 45 minutes, but under certain conditions the storm may _____, becoming even more severe, for as long as four hours
	I. persist II. vacillate III. endure IV. disperse
	A) I and II B) I and IV C) II and III D) II and IV

24.	A vessel of 64 litres is filled with milk and water. If 70% of milk and 30% of water is drawn, the vessel is vacated by 55%. Find the initial quantity of milk. A) 24liters B) 40 litres C) 45 litres D) 50 litres
25.	Choose appropriate word to complete the sentence If you _____ to win a lottery, you would be a rich man A) can B) were C) wanted D) had
26.	A mixture of 150 liters of wine and water contains 20% water. How much more water should be added so that water becomes 25% of the new mixture? A) 7 liters B) 15 liters C) 9 liters D) 10 liters
27.	If $a^2 + 4b^2 = 4ab$, then $a:b =$ A) 1:2 B) 2:1 C) 1:1 D) Cannot be determined
28.	A can complete a work in 20days and B in 30 days. A worked alone for 4 days and then B completed the remaining work along with C in 18 days. In how many days can C working alone complete the work?. A) 72 B) 90 C) 12 D) 68
29.	Simple interest on a certain sum of money for 3 years at 8% per annum is half of the compound interest on Rs 4000 for 2 years at 10% per annum. The sum placed on simple interest is A) Rs 1550 B) Rs 1650 C) Rs 1750 D) Rs 2000
30.	Two trains of equal length running in opposite directions, pass a student standing by the side of railway line in 18sec and 12 sec respectively. The time that the two trains will take to cross each other, is A) 7.2sec B) 9.6 sec. C) 10.8sec D) 14.4sec
31.	Let P, Q, R and S are four logical statements such that if P is true, then Q is true; If Q is true then R is true; If S is true, then at least one of Q and R is false. Then it follows that A) If S is false, then both Q and R are true B) IF at least one of the Q and R is true, then S is false C) If either Q or R is true, then S is true D) None of the above
32.	Find the least multiple of 23, which when divided by 18, 21 and 24 leaves the reminder 7, 10 and 13 respectively. A) 3013 B) 3024 C) 3002 D) 3036
33.	If $a + b: b + c: c + a = 6:7:8$ and $a + b + c = 14$, then the value of 'c' is A) 6 B) 7 C) 8 D) 14
34.	World Earth Day is observed on A) April 30 B) April 21 C) April 22 D) April 24
35.	I would like to _____ attention to the last paragraph of my essay _____ to the terms of sale of the goods A) Consider, according B) draw, pertaining C) attract, regarding D) draw, mainly
36.	The highest peak of India is A) Mt. Everest B) K-2 C) Kanchanjanga D) Doddabetta

37. Who is the chairperson of Indian Parliament, Lok Sabha?
A) Prime Minister   B) President   C) Vice President   D) Speaker

38. Famous sculptures depicting art of love built some time in 950 AD - 1050 AD are
A) Khajuraho temples
B) Jama Masjid
C) Konark Sun temple
D) Mahabalipuram temples

39. Identify the nearest antonym for the word "Nefarious"
A) Lackadaisical   B) Eccentric   C) exemplary   D) Hypocritical

40. On which date Article 370 was revoked from Jammu and Kashmir ?
A) 9 August 2019   B) 7 August 2019   C) 5 August 2019   D) 12 August 2019

41. What comes at "?"
APZLT,   CQYNR,   ERXPP,   GSWRN,   "?"
A) KVIJUJ   B) ITUVK   C) ITVTL   D) KUUVJ

42. What is the duration of zero hour in Lok Sabha ?.
A) 1 hour   B) 2 hour   C) 3 hour   D) Half an hour

Q 43 to 45 are based on the following:
Six friends X, Y, Z, P, Q and R are sitting around the hexagonal table each at the corners and are facing the centre of the table
X second to the left of R; Y is the neighbour of Z and P; Q is second to the left of P

43. Which of the following pairs are seated between X and P ?
A) Z and Y   B) Z and R   C) Z and Q   D) R and Y

44. The third person to the right of R is
A) X   B) Y   C) Z   D) None of these

45. Which is person is seating diagonally opposite to Y?
A) R   B) Q   C) X   D) P

46. A person standing on the bank of a river observes that the angle of the top of a tower on the other bank is 60. When he moves back from the bank 40meters, the angle of elevation becomes 30. The breadth of the river is
A) 40 mts   B) 20 mts   C) 30 mts   D) 60 mts

47. Which of the following rivers does not flow into the Arabian Sea?
A) Tungabhadra   B) Sabarmathi   C) Mandovi   D) Narmada

48. Raghu and Babu are twins. Babu's sister is Reema. Reema's husband is Rajan. Raghu's mother is Lakshmi. Lakshmi's husband is Rajesh. How is Rajesh related to Rajan?
A) Father-in-law   B) Cousin   C) Uncle   D) Son on law

49. Sunder Pitchai, who is the CEO of Google also became the head of which of the following company?
A) Microsoft   B) Accenture   C) Alphabet   D) DeltaAir

50. PM MITRA scheme stands for :
A) PM Mega Irrigation Transformation of Rural Agricultural Scheme
B) PM Mega Integrated Textiles value Training and Rehabilitation Aim Scheme
C) PM Mega Integrated Textile Regions and Apparel Park
D) None of the above

51.	Rama goes to a fair and pays entry fee of Rs 1/- and with the remaining money he has, he can now go for 7 rides and buy 7 eatables. If he saves Rs 14/- for the bus ticket, he can have 7 rides and 5 eatables. Which of the following is a possible amount he was originally hold up with him? A) Rs 60/- B) Rs 100/- C) Rs 110/- D) Rs 120/-
52.	Insert appropriate propositions in the blanks to complete the sentence "This property has been ------- the possession ------ the royal family ----- generations" A) with, of, of B) in, of, of C) in, of, for D) with, of, for
53.	Find the sum of Arithmetic Progression (AP), whose 8th and 12th terms are 39 and 59 is A) 4 B) 5 C) 6 D) 8
54.	Choose the correct spelling for the word given below A) ceiling B) cealing C) cieling D) ceeling
55.	Which of the following is not a prime number? A) 61 B) 31 C) 71 D) 91
56.	The word "pin" is used in four different ways. One of them is incorrect or inappropriate. Identify that statement. A) She combed her hair backwards and secured it with a pin. B) Jack managed to grab the thief and pin him against the wall till police arrived. C) It is imprudent to pin your hopes on someone to help you out of his situation D) You cannot pin blame at anyone without verifying facts
57.	Given X and Y are positive integers, and X – Y is an even number, which of the following statements is necessarily true? A) Either X – Y or X + Y is divisible by 4 B) X^2 – Y^2 is divisible by 6 C) X + Y is divisible by 2 D) X^2 – Y^2 is divisible by 8
58.	Which of the following refers to the idiom "under the Sun"? A) Anything and everything B) A large number of things C) A few things D) Something
59.	If 1234$_{(x)}$ =466$_{(10)}$, then what is the value of x A) 5 B) 6 C) 7 D) 8
60.	Choose an appropriate option to replace the phrase in bold letters in the sentence The bank has hired a consultant who will **look into** any issue which arise out of merger. A) is looking over B) will be looked over C) will look out D) No correction is needed in the sentence
61.	The number of even numbers that can be formed by using all the digits 2, 3, 4, 5, 6 is A) 25 B) 72 C) 120 D) 1875
62.	Which of the following is grammatically incorrect? A) He is smiling B) He smiles C) He always smiles D) He is always smiling
63.	Two trains of equal length are running on parallel tracks in the same direction at speed of 46 kmph and 36 kmph respectively. The faster train passes the slower train completely in 36 seconds. The length of each train in meters is A) 50 B) 72 C) 80 D) 82

64.	Who gave the slogan "Jai Jawan, Jai Kisan"?
	A) Netaji Subash Chandra Bose B) Charan Singh
	C) Indira Gandhi D) Lal Bahadur Sastri

65.	The number of four digit numbers that can be formed using the digits 0, 1, 2, 3, 4, 5, 6 without repetition of digits is
	A) 840 B) 7!/4! C) 720 D) 2/7

66.	HTTP stands for
	A) Hyper Text Transfer Procedure B) Hyper Text Transfer Protocol
	C) High Text Transfer Protocol D) High Transfer Text Protocol

67.	Octal equivalent of the hexadecimal number 4DF is
	A) 2333 B) 2337 C) 2773 D) 2373

68.	The sum of a number and its reciprocal is 125/22. The number is
	A) 1/11 B) 4/11 C) 3/11 D) 2/11

69.	Which of the following is not an Operating System?
	A) Linux B) OS/2 C) DB2 D) ANDROID

70.	A nibble can be considered as
	A) binary digit B) Octal digit C) Decimal digit D) Hexadecimal digit

71.	A man takes 5 hours 45 minutes in walking to a certain place and riding back. If he gains 2 hours in riding both ways. How much time does he take to walk both ways?
	A) 7 hours B) 7 hours, 30 minutes C) 7 hours, 45 minutes D) 8 hours

72.	The number of integers between 23 and 100 that are divisible by 6 is
	A) 12 B) 13 C) 8 D) 10

73.	Out of the following alternatives, choose the word that opposite in meaning to the word AFFLUENT
	A) Reluctant B) Poor C) Clear D) Enthusiastic

74.	The sum of all the two-digit numbers that are divisible by 5 is
	A) 945 B) 1035 C) 1230 D) 940

75.	Indian woman sports person Shafali Verma represented India in which of the following sports?
	A) Tennis B) Hockey C) Cricket D) Wrestling

76.	A one-rupee coin is placed on a table. The number of same size one rupee coins that can be placed around it such that each one of them touches it and two others is
	A) 4 B) 5 C) 6 D) 8

77.	Two dice are tossed. The probability that the total score is a prime number is
	A) 1/6 B) 5/12 C) 1/2 D) 7/9

78.	The simple interest on a certain amount at the interest rate of 8% per annum for 6 years is half of the amount. The amount is
	A) Rs.4800 B) Rs 6000 C) Rs. 2499 D) Data inadequate

79.	The binary equivalent of decimal number 0.4375 is
	A) 0.0111 B) 0.0101 C) 0.1100 D) 0.1010

80.	The number of binary strings of length at most n without any pair of consecutive bits being the same is
	A) 2 B) 2n C) 2^n D) 2^{n-1}