

Date of Examination: 07.03.2020

Time: 2 Hrs

Name of the Candidate:											
Application No:											

Candidate's Signature

Invigilator's Signature

**Instructions to Candidates:**

1. Use of Calculators, cell phones and other electronic devices IS NOT permitted inside 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 Question paper and OMR sheet.
4. Candidate should mark correct answer only on OMR sheet provided against each question.
5. Question paper consists of 80 questions. The questions are divided into Part A and Part B. Part A consists of 60 questions carrying one mark each. Part B consists of 20 questions carrying two marks each.
6. Wrong answer for each question in Part A carries negative of 0.25 mark. Wrong answer for each question in Part B carries negative of 0.5 mark.
7. Clarifications on questions are not permitted.
8. Rough work can be done in the blank space provided at the end of the last question in the Question booklet.
9. No candidate is allowed to leave the examination hall till the examination is over.
10. Candidate should return both question paperbooklet along with OMR sheet after completion of the examination.



15.	Find the correct conclusion(s): Statements: Some rats are cats. Some cats are dogs. No dog is cow. Conclusions: I. No cow is cat II. No dog is rat III. Some cats are rats. A) I only                      B) I and II only                      C) III only                      D) None
16.	In a three digit number, the middle digit is the sum of its neighbors. The number is always a multiple of: A) 3                                      B) 7                                      C) 11                                      D) 2
17.	Raja goes to a fair and pays entry fees 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) 120/-
18.	A person walks from Home and travels South 12 km. Then he turns East and travels 4 km. Then he turns North and travels 9 km and from that point reaches Home by shortest path. If he was walking at 6 km/hour, how long was his total trip in minutes? A) 300                                      B) 205                                      C) 320                                      D) 240
19.	In a certain language, each digit represents one word in English '742' means 'mangoes are good' '657' means 'eat good food' '934' means 'mangoes are ripe' Which digit means 'ripe' in that language? A) 5                                      B) 4                                      C) 7                                      D) 9
20.	Based on the statements, which conclusions can be drawn? All the windows are doors. No door is a wall. Conclusions: I. Some windows are walls II. No wall is a door. A) Only I. conclusion follows B) Only II conclusion follows C) Either I or II conclusion follows D) Neither I nor II conclusion follows
21.	Two words in each of the following are related in some way. Identify the pair that is differently related. A) Pen and Nib                      B) Water and Bucket                      C) Ink and Inkpot                      d) Oil and Lamp
22.	What comes at “?” APZLT, CQYNR, ERXPP, GSWRN, “?” A) KVIJUIJ                      B) ITUVK                      C) ITVTL                      D) KUUVJ
23.	Consider a mathematical operation @ and if $3@6 = 18$ , $5@3 = 16$ , $8@2 = 20$ , then the value of $4@6$ is A) 12                                      B) 13                                      C) 33                                      D) 20
24.	Insert arithmetical signs to make the following expression correct. $9 \_ 6 \_ 3 = 27$ A) +, x                                      B) -, +                                      C) /, +                                      D) +, /

25.	Some children are standing in a row all facing North. Santosh is third to the right of Nikhil, who is 17 <sup>th</sup> from right end of the row. Ravi is fifth to the left of Santosh and is 20 <sup>th</sup> from left end. Totally how many children are standing in the row? A) 37                      B) 38                      C) 39                      D) None of these
26.	If the third day of a month falls on Friday, what day will be on the fifth day after twenty first of the month? A) Friday                      b) Saturday                      C) Sunday                      D) Monday
27.	The pair of numbers that come next in the series is 42, 40, 38, 35, 33, 31, 28, ---, --- A) 26,24                      B) 26, 23                      C) 25, 23                      D) 25, 22
28.	The day before yesterday was Saturday. What day will be the day after tomorrow? A) Tuesday                      B) Friday                      C) Thursday                      D) Wednesday
29.	A school organized a knockout football competition in which 23 teams played. What was the least number of matches they needed to play to decide the winner? A) 11 matches                      B) 22 matches                      C) 23 matches                      D) 46 matches
	Questions 30 to 32 are based on the following: Six friends A, B, C, D, E, and F are sitting around the hexagonal table each at the corners and are facing the centre of the table. A second to the left of F. B is the neighbor of C and D. E is second to the left of D.
30.	Which of the following pairs are seated between A and D? A) C and B                      B) C and F                      C) C and E                      D) F and B
31.	The third person to the right of F is A) A                      B) B                      C) C                      D) None of these
32.	Which person is seating diagonally opposite to B? A) F                      B) E                      C) A                      D) D
33.	Five boys participated in a competition Anand was ranked lower than Goutam. Hari was ranked higher than Manish but lower than Gautam. Sarman was ranked between Anand and Hari. Who was ranked Highest? A) Hari                      B) Anand                      C) Gautam                      D) Manish
34.	What is the decimal equivalent of the binary number 111101? A) 63                      B) 61                      C) 64                      D) 42
35.	Choose the words that best express the meaning of the idiom "A close shave" A) A clean shave                      B) A narrow escape                      C) A guarded secret                      D) A sudden fall
36.	Arrange the following parts to form a correct and meaningful English sentence P: Will normally be granted

	Q: Candidates should note R: that no request for S: Change of centre
	A) SRPQ                      B) SRQP                      C) QRPS                      D) QRSP
37.	Governor of RBI is appointed by A) President of India                      C) Finance Minister of India B) Chief justice of India                      D) Prime Minister of India
38.	Who declared Coronavirus as public health emergency of international concern? A) UNICEF    B) United Nations    C) World Health Organization    D) European Union
39.	Which state recently launched a virtual Police Station? A) Odisha                      B) Bihar                      C) Telangana                      D) Haryana
40.	National Women's day is celebrated on which day? A) 12 <sup>th</sup> February                      B) 13 <sup>th</sup> February                      C) 14 <sup>th</sup> February                      D) 29 <sup>th</sup> February
41.	Which of the following rivers does not flow into the Arabian Sea? A) Tungabhadra                      B) Sabarmati                      C) Mandovi                      D) Narmada
42.	Which of the following Satellite launch vehicle? A) GSLV                      B) UMLV                      C) PSLV                      D) GSAT
43.	Sunder Pichai, who is the CEO of Google also became the head of which of the following company? A) Microsoft                      B) Accenture                      C) Alphabet                      D) DeltaOne
44.	Brass gets discolored in air because of the presence of which of the following gases in air? A) Oxygen                      B) Hydrogen Sulphide                      C) Carbon dioxide                      D) Nitrogen
45.	Central banking functions in India are performed by the A) State Bank of India                      C) Bank of India B) Central Bank of India                      D) Reserve Bank of India
46.	Entomology is the science that studies A) Behavior of Human beings                      B) The origin and history of technical and scientific terms C) Insects                      D) The formation of rocks
47.	Find the odd one out? A) Jammu & Kashmir                      B) Haryana                      C) Tami Nadu                      D) Goa
48.	Identify the most nearest synonym for the word "Augment" A) Make noble                      B) Anoint                      C) increase                      D) Harvest
49.	Identify the most nearest synonym for the word "Plagiarism" A) Theft of funds                      B) Theft of ideas                      C) Belief in God                      D) Ethical theory
50.	Which of the following is the most nearest antonym for the word "Sadistic" A) Happy                      B) Quaint                      C) Kind hearted                      D) Fortunate

51.	Which of the following is the most nearest antonym for the word "Autonomy" A) Antipathy                      B) Renown                      C) Altruism                      D) Dependence
52.	Identify the most nearest antonym for the word "Nefarious" A) Lackadaisical                      B) Eccentric                      C) Exemplary                      D) Hypocritical
53.	The spectators said, "Bravo! Well played Virat." Which of the following best expresses the above sentence A) The spectators called Virat bravo because he played well B) The spectators said that Virat played well and applauded him C) The spectators encouraged Virat saying he played well. D) The spectators applauded Virat, saying that he played well.
54.	If the wind in a tropical depression exceeds this speed, it is ____ to a 'tropical storm' and ____ a personal name. A) Demoted, awarded    B) Consigned, gifted    C) upgraded, assigned    D) Elevated, presented
55.	It depends on whether we get _____ down by failures or use them as stepping-stones A) wretched                      B) bogged                      C) squirted                      D) eluded
56.	There was no agreement _____ great powers _____ a treaty to ban weapons A) Between, about                      B) among, on                      C) in, for                      D) with, about
57.	I would like to _____ attention to the last paragraph of my easy _____ to the terms of sale of the goods. A) consider, according                      B) draw, pertaining                      C) attract, regarding                      D) draw, mainly
58.	Who is the chairperson of Indian Parliament, Lok Sabha? A) Prime Minister                      B) President                      C) Vice President                      D) Speaker
59.	An examination of a dead body is called as A) Amputate                      B) Autopsy                      C) Morgue                      D) Crusade
60.	If A and B can do piece of work in 12 days; B and C in 15 days; C and A in 20 days. A alone can do the work in _____? A) 15 days                      B) 24 days                      C) 30 days                      D) 40 days

**Part – B (20 questions each carry 2 marks)**

61.	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
62.	How many permutations of letters in the word APPLE are possible? A) 60                      B) 120                      C) 240                      D) 600
63.	Read the following statements and conclusions and mark the correct answer  'P\$Q' means 'P is not smaller than Q' 'P@Q' means 'P is neither smaller than nor equal to Q' 'P#Q' means 'P is neither greater than nor equal to Q'

	<p>'P&amp;Q' means 'P is neither greater than nor smaller than Q'          'P*Q' means 'P is not greater than Q'</p> <p>Statements:          H@T, T#F, F&amp;E, E*V</p> <p>Conclusions:          I. V\$F          II. E@T          III. H@V          IV. T#V</p> <p>A) Only I, II and III are true          B) Only I, II and IV are true          C) Only II, III and IV are true          D) Only I, III and IV are true</p>
64.	<p>8, 28, 116, 584, ? What will come at the place of question mark?          A) 1752                      B) 3504                      C) 3508                      D) 3502</p>
65.	<p>Ram, Mahesh and Mohan play badminton. Mahesh, Ramesh and Pramod play tennis, Mahesh, Ramesh and Ram play chess, who play all the games?          A) Pramod                      B) Mahesh                      C) Ram                      D) Ramesh</p>
66.	<p>If Reena says, "Anjali's father Raman is the only son of my father-in-law Ramanand", then how is Piyu, who is the sister of Anjali, related to Ramanand?          A) Wife                      B) Sister                      C) Grand-daughter                      D) Daughter</p>
67.	<p>A can hit a target 4 times in 5 attempts. B can hit 3 times in 4 and C can hit twice in 3 attempts. If all three fire a volley, the probability that at least two shots hit the target is          A) 3/4                      B) 13/30                      C) 5/6                      D) 1/6</p>
68.	<p>The sum of integers between 200 and 400 that are multiples of 7 is          A) 8729                      B) 8792                      C) 8972                      D) 8279</p>
69.	<p>Let P, Q, R and S e four logical statements such that if P is true, then Q is true; If Q is true then R is true and 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) If is true, then S is true</p>
70.	<p>What is the minimum number of integers to be picked up randomly to ensure that either sum or difference of two of the selected numbers is divisible by 10          A) 6                      B) 2                      C) 7                      D) 8</p>
71.	<p>Given that 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                      C) <math>X^2 - Y^2</math> is divisible by 6          B) X + Y is divisible by 2                      D) <math>X^2 - Y^2</math> is divisible by 8</p>
72.	<p>If <math>1234_{(x)} = 466_{(10)}</math>, then what is the value of x?          A) 5                      B) 6                      C) 7                      D) 8</p>

73.	There are two buses: One takes 2 hours and other takes 1 hour 45 minutes for a circular trip. If they start together at 6.30 am on a certain day, when will they start together again? A) 6.30 pm      B) 8.30pm      C) 10.30pm      D) 12.30 am next day
74.	A blacksmith has five iron articles A, B, C, D and E, each having a different weight. <ul style="list-style-type: none"> <li>• A weighs twice as much as B</li> <li>• B weighs four and half times as much as C</li> <li>• C weighs half as much as D</li> <li>• D weighs half as much as E</li> <li>• E weighs less than A but more than C</li> </ul> Which of the following article is heaviest in weight? A) A      B) B      C) C      D) D
75.	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
76.	x, y and Z are three numbers such that $xy=72$ , $yz=144$ , $zx=128$ , then $xyz =$ _____ A) 1152      B) 1052      C) 1256      D) 1236
77.	The remainder when $1! + 2! + 3! + \dots + 100!$ When divided by 12 is A) 8      B) 10      C) 11      D) 9
78.	“ If you don’t keep quiet I shall shoot you” , she said to her in calm voice Which of the following best expresses the above statement A) She warned her calmly that she would shoot her if she didn’t keep quiet B) She said calmly that I shall shoot you if you don’t keep quiet. C) She warned her to shoot if she didn’t keep quiet calmly. D) Calmly she warned her that be quiet or else she will have to shoot her
79.	Which of the following best expresses the statement? Sonia said, “ Oh that I were a child again!” A) Sonia exclaimed with wonder that were she a child again B) Sonia wondered that were she a child again C) Sonia strongly wished that she had been a child again ‘ D) Sonia prayed that she were a child again
80.	The Arithmetic average of two positive numbers is 18.75 and their geometric mean is 15. The larger of the two numbers is A) 7.5      B) 17.5      C) 20      D) 30