

CMAT 2019 Set 3 Question Paper - January 29 Forenoon Session

Quantitative Techniques and Data Interpretation

Q1. Which one of the following is a factor of $x^3 - 19x + 30$?

- (1) $X + 2$
 - (2) $X - 1$
 - (3) $X + 1$
 - (4) $X - 2$
-

Q2. If n be the no. of different five digit numbers divisible by 4 with the digits 1, 2, 3, 4, 5 and 6, no digit being repeated, then what is n ?

- (1) 144
 - (2) 168
 - (3) 192
 - (4) 212
-

Q3. Find the roots of the equation:

$$x^2 - 6x = 27$$

- (1) 9, 3
 - (2) 9, 6
 - (3) 9, -3
 - (4) 9, 4
-

Q4.

The following table lists the marks of seven students(rows) of a class across six subjects(columns). The Numbers in the parenthesis indicate the maximum marks of the subject concerned. Use the data in the table to answer the question that follows :

	English (150)	Hindi (120)	History (100)	Physics (100)	Maths (100)	Chemistry (100)
Maya	90	50	90	60	70	80
Arya	100	80	88	60	80	70
Riya	90	72	70	72	91	70
Sreya	85	65	80	80	60	60
Roopesh	80	55	85	95	50	90
Chandesh	70	75	65	85	40	61
Hanish	65	35	50	77	80	80

What is the weighted average marks of Chandesh?

- (1) 60.03
- (2) 66.00
- (3) 66.57
- (4) 63.66

Q5. Out of the total amount of Rs. 4898, B receives 20% more than A, and 25% more than C. What is B's share?

- (1) 1860
- (2) 1540
- (3) 1400
- (4) 930

Q6. The difference between the compound interest and the simple interest earned at the end of the 3rd year on a sum of money at a rate of 10% per annum is Rs. 77.5. What is the sum?

- (1) Rs. 3500

- (2) Rs. 2500
 - (3) Rs. 3000
 - (4) Rs. 2000
-

Q7. Which of the following numbers should be added to 11158 to make it exactly divisible by 77?

- (1) 9
 - (2) 8
 - (3) 7
 - (4) 5
-

Q8. The share price of a scrip is Rs. 60 on 31.10.2017. On 1.11.2018, the share price is increased to Rs. 125, and the company paid 30% dividend during the period. The face value of the share is Rs. 10. Assuming that the shares are bought on 31.10.2017, and sold on 1.11.2018, what is the Return on Investment?

- (1) 125%
 - (2) 33.33%
 - (3) 133.33%
 - (4) 113.33%
-

Q9. If a is less than b , which of the following numbers is greater than a and less than b ?

- (1) $\frac{a+b}{2}$
 - (2) $\frac{ab}{2}$
 - (3) $b^2 - a^2$
 - (4) ab
-

Q10. A shopkeeper gives two successive discounts of 10% and 20% on a marked price of Rs. 5000. He had to give a further discount equal to 20% of his cost price on his new selling price as a result of which he made neither a profit nor a loss. Find his cost price.

- (1) Rs. 3000
- (2) Rs. 2000
- (3) Rs. 2500
- (4) Rs. 3600

Q11. Machine 'A' produces bolts at a uniform rate of 120 every 40 seconds, and Machine 'B' produces bolts at a uniform rate of 100 every 20 seconds. If the two machines run simultaneously, how many seconds will it take them to produce a total of 200 bolts?

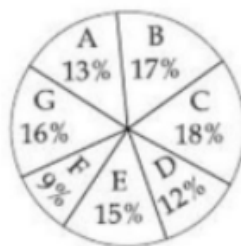
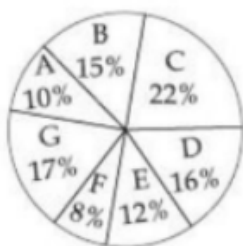
- (1) 22
- (2) 25
- (3) 28
- (4) 30

Q12.

Distribution of candidates who enrolled for an MBA entrance exam and the candidates who passed the exam in Different institutes is given below:

Candidates Enrolled = 8000

Candidates passed = 5500



What percentage of candidates passed the exam from institute B out of the total number of candidates enrolled from the same institute?

- (1) 50.55%
- (2) 60.66%

(3) 77.91%

(4) 75%

Q13. Find the value of n such that $nP_5 = 42 nP_3$.

(1) $n = 10$

(2) $n = -3$

(3) $n = 8$

(4) n is imaginary

Q14. In how many ways can a committee of 6 members be selected from 8 men and 6 ladies consisting of 4 men and 2 ladies?

(1) 1050

(2) 1021

(3) 1111

(4) 1012

Q15. The diagonal of the floor of a rectangular closet is 7.5 m. The shorter side of the closet is 4.5 m. What is the area of the closet in square meters?

(1) 37

(2) 27

(3) $54/4$

(4) $21/4$

Q16. The students in three classes are in the ratio 2 : 3 : 5. If 20 students are increased in each class, the ratio changes to 4 : 5 : 7. The total number of students before the increase were:

- (1) 10
 - (2) 90
 - (3) 110
 - (4) 100
-

Q17. A group of 630 children is arranged in rows for a group photograph session. Each row contains three fewer children than the row in front of it. What number of rows is not possible?

- (1) 3
 - (2) 4
 - (3) 6
 - (4) 7
-

Q18. A rectangular paper of width 28 cm is rolled along its width and a cylinder is formed. If the volume of the cylinder is 14872 cm^3 , find its radius:

- (1) 14 cm
 - (2) 11 cm
 - (3) 12 cm
 - (4) 13 cm
-

Q19. A bus leaves at 5 am from Bangalore and reaches Hyderabad at 12:00 noon. Another bus leaves Hyderabad at 8 am and reaches Bangalore at 3 pm. At what time do the buses meet?

- (1) 10:40 am
- (2) 10:00 am
- (3) 10:55 am
- (4) 11:30 am

Q20. In Swapna's opinion her weight is greater than 65 kg but less than 72 kg. Her brother does not agree with Swapna and he thinks her weight is greater than 60 kg but less than 70 kg. In her mother's view her weight cannot be greater than 68 kg. If all of them are correct, what is the average of different, probable weights of Swapna?

- (1) 67 kg
- (2) 68.5 kg
- (3) 69 kg
- (4) 66.5 kg

Q21. Find the area covered by $f(x) = -x^2 + 4x + 3$ and $g(x) = -x^3 + 7x^2 - 10x + 5$ over $1 \leq x \leq 2$.

- (1) $\frac{23}{6}$
- (2) $\frac{49}{12}$
- (3) $\frac{56}{3}$
- (4) $\frac{56}{4}$

Q22. If Suresh invests Rs. 2,00,000 at an interest rate of 10% per annum, how much money will he have at the end of three years, if the compounding frequency is semi-annual?

- (1) Rs. 2,58,342
- (2) Rs. 2,68,019
- (3) Rs. 2,66,200
- (4) Rs. 3,54,312

Q23. The area of trapezium shaped field is 368 m^2 . The distance between the two parallel sides is 16 m and one of the parallel side is 22 m. Find the other parallel side.

- (1) 22 m

- (2) 24 m
 - (3) 23 m
 - (4) 21 m
-

Q24. Consider the equation $y = -x^4 + 2x^2$, then:

- (1) y is decreasing at $(-\infty, -1)$, $(0, 1)$ and increasing at $(-1, 0)$, $(1, \infty)$
 - (2) y is increasing at $(-\infty, -1)$, $(0, 1)$ and increasing at $(-1, 0)$, $(1, \infty)$
 - (3) y is increasing at $(-\infty, -1)$, $(0, 1)$ and remaining constant at $(-1, 0)$, $(1, \infty)$
 - (4) y is decreasing at $(-\infty, -1)$, $(0, 1)$ and remaining constant at $(-1, 0)$, $(1, \infty)$
-

Q25. The task of writing a 'Program' was in progress. Following details are available. Programmer I and Programmer II can complete the task in 18 days. Programmer I and Programmer III can complete the task together in 12 days and Programmer II and Programmer III together in 9 days. In how many days Programmer II alone can complete the task?

- (1) 40 days
 - (2) 30 days
 - (3) 24 days
 - (4) 18 days
-

Logical Reasoning

Q26. Find the odd one from the given options:

- (1) China
- (2) Pakistan
- (3) India
- (4) Bangladesh

Q27. Fill the missing item in the series: PAT, PEN, PIN, POT, ___

- (1) PIG
- (2) PET
- (3) PUT
- (4) POT

Q28. Answer the question based on the following conditions. Question is followed by two statements. What is the price of mangoes per kg? I. Ten kg of mangoes and two dozen oranges cost Rs. 252. II. Two kg of mangoes could be bought in exchange for one dozen oranges.

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

Q29. If + means divided by, - means multiplied by, \times means minus, and / means plus, then the value of $20 + 5 + 9 - 4 \times 3$ is:

- (1) 13
- (2) 37
- (3) 28
- (4) 56

Q30. If $5 = 11$ and $2 = 5$, then $8 = ?$

- (1) 13
- (2) 17

(3) 19

(4) 12

Q31. In a certain code, JODHPUR is written as RUJODHP and LATHUR as RULATH. How is CANDIDATE written in that code?

(1) EACNDITA

(2) NDDATAACE

(3) ETACNDIA

(4) DICANDEA

Q32. A is the daughter of B; C is the sister of A, B is the daughter of D. How is C related to D?

(1) Granddaughter

(2) Grandmother

(3) Daughter

(4) Aunt

Q33. In analogy, you are required to guess the relation between the two given words and fill in the blank after finding the similar relationship by choosing the option, given below:

Breeze : Cyclone :: Drizzle : ?

(1) Flood

(2) Storm

(3) Downpour

(4) Earthquake

Q34. In a certain language 'He is good' is coded as fa so lo. 'She is good' is coded as fa so la. What is the code for 'He' in that language?

- (1) lo
 - (2) so
 - (3) fa
 - (4) la
-

Q35. Identify the odd one among the following:

- (1) Stem
 - (2) Leaf
 - (3) Flower
 - (4) Rain
-

Q36. Consider the word: SPARE written as 90847, CLEAR as 56784 and TOUR as 1234 by using certain code, point out the 5th digit for the word SCULPTURE in the same code:

- (1) 3
 - (2) 0
 - (3) 4
 - (4) 6
-

Q37. When a photo of a man was shown to Abhijit he reacted as follows: "His mother is the wife of my father's son. Brothers and sisters, I have none." Therefore the photo belongs to ___?

- (1) His cousin
 - (2) His son
 - (3) His uncle
 - (4) His brother
-

Q38. In analogy, you are required to guess the relation between the two given words and fill in the blank after finding the similar relationship by choosing the option, given below: Artist : Painting :: Attorney : ___?

- (1) Politics
 - (2) Law
 - (3) Teaching
 - (4) Sports
-

Q39. Fill the missing item in the series: IJK, IJK2, IJK2K, ____, IJK2K3

- (1) IJK3
 - (2) IJ3K
 - (3) IJ2K2
 - (4) IJK2
-

Q40. Read the following six statements. Look at the four sets of combination of three. Choose that set in which the third statement logically follows from the first two:

- A. No Father is a Teacher
- B. Some Teachers like to work
- C. No Man is a prude
- D. Some prude are Teachers
- E. Some Teachers are Men
- F. All Men like to work

- (1) ABE
 - (2) CED
 - (3) FEB
 - (4) BEF
-

Q41. Based on the statement given below, which do you think is more appropriate?

Statement: "All that glitters is not gold"

Conclusion: (i) The external appearance of something is not the reliable indication of its true nature.

(ii) The external appearance of something is a reliable indication of its true nature.

(iii) The external and internal nature of something should be examined before making any judgment.

(iv) Only internal nature can be reliable and gives the truth.

(1) Only (i) is correct

(2) Both (i) and (iii) are correct

(3) Only (iii) is correct

(4) Only (iv) is correct

Q42. The question below is followed by two arguments numbered I and II. You have to decide which of the argument is 'Strong' and which is 'Weak' argument?

Statement: Should higher education be privatized?

Arguments I: Yes, this is the only way to reduce the unemployment

Arguments II: No, it will further add to the education burden on public.

(1) If only argument I is strong

(2) If only argument II is strong

(3) If either I or II is strong

(4) If both I and II are strong

Q43. Find out the missing number in the given matrix:

(1) 16

(2) 22

(3) 18

(4) 26

Q44. Read the instruction carefully and answer the following questions:

The description pairs about six cities:

B and E are not trade centres

A and E are not tourist places

D and F are not manufacturing hubs then:

- (1) A and C are both trade centres
- (2) B and F are manufacturing hubs
- (3) D and F are not tourist places
- (4) D and F are both trade centres and manufacturing hubs

Q45. Read the below statements and choose the correct answer:

(a) Prices of petrol and diesel increased, in the past few months

(b) Crude oil producing countries reduced the production of crude oil

- (1) Statement (a) is cause and (b) is the effect
- (2) Statement (b) is cause and (a) is the effect
- (3) (a) and (b) statements are not related
- (4) (a) and (b) are due to some other cause

Q46. In analogy, you are required to guess the relation between the two given words and fill the blank after finding the similar relationship by choosing the option, given below: Ink : Pen :: Blood : ___?

- (1) Accident
- (2) Doctor
- (3) Donation
- (4) Vein

Q47. In a stage programme, organisers had to accommodate 4 guests - Guest I, Guest II, Guest III and Guest IV and 3 members of organising committee O - I, O - II and O - III. The committee decided that O - III will be sitting in such a way that equal number of people are present on either side of him. No Guests shall be made to sit at the extreme ends. G - I shall sit immediate left of G - III, G - I shall be seated immediate right of O - II. Who will be asked to sit third from left end of row on the stage?

- (1) O - II
 - (2) G - II
 - (3) G - I
 - (4) G - III
-

Q48. Bhagya is twice as old as Arathi but twice younger than Kavita. Chandrika is half the age of Arathi but is twice older than Deeksha. Who is the second oldest?

- (1) Arathi
 - (2) Bhagya
 - (3) Chandrika
 - (4) Deeksha
-

Q49. Four boys and four girls are sitting around a square facing the centre. One person is sitting at each corner and at the mid-point of each side of the square. Madhav is sitting diagonally opposite to Udaya who is to the right of Garima. Rahim who is to the left of Garima is diagonally opposite to Gokul. Who is to the left of Babu? Position of Sudha is not to the right of Madhav but in front of Priya. Who is sitting opposite to Babu?

- (1) Priya
 - (2) Garima
 - (3) Udaya
 - (4) Madhav
-

Q50. The question below is followed by two arguments numbered I and II. You have to decide which of the argument is 'Strong' and which is 'Weak' argument? Statement: Should students study in early hours of morning?

Argument 1: Yes, mind is fresh and alert at that time.

Argument 2: No, Early risers fell sleepy throughout the day.

- (1) Neither I nor II is strong
- (2) Both the arguments are strong
- (3) Only II is strong
- (4) Only I is strong

Language Comprehension

Passage:

Read the following passage carefully and answer the questions that follow.

Someone must have been telling about Josef K., for one morning, without having done anything wrong, he was arrested. Frau Grubach's cook, who brought him his breakfast at around eight every day, did not appear. That had never happened before. For a while K. waited - from his pillow he saw the old woman who lived opposite watching with, for her, quite unusual curiosity - but then, both perplexed and hungry, he rang. Immediately there was a knock at the door and a man he had never seen in the apartment came in. He was simply yet solidly built wearing a close-fitting black suit like an outfit for travelling, was equipped with a variety of pleats, pockets, buckles, buttons and a belt that made it appear especially practical, without its precise purpose being clear. "Who are you?" K. asked, immediately half-sitting up in bed. But the man ignored the question, as if his presence there had simply to be accepted, and merely said, "You rang? 'Anna's to bring me my breakfast," said K., then tried to work out who the man actually was by observing him in silence and racking his brains. However he didn't expose himself to K.'s scrutiny for very long, but turned to the door and opened it slightly to say to someone who was obviously standing just behind it, 'He wants Anna to bring him his breakfast.' Brief laughter in the neighbouring

room ensued; it from the sound it was unclear whether there were several people joining in or not. Although he could not have learnt anything he didn't know already, the stranger now said to K., as if reporting someone else's words, 'It's not possible.'

Q51.

The given passage can be called as:

- (1) Expository
 - (2) Analytical
 - (3) Narrative
 - (4) Explanatory
-

Q52. In the sentence "That had never happened before . . .", 'that' refers to:

- (1) Arresting of Joseph K.
 - (2) Cook not bringing his breakfast.
 - (3) Someone telling lies.
 - (4) Old women watching K.
-

Q53. Josef K was arrested :

- (1) Though he had done nothing wrong.
 - (2) Because he was telling lies.
 - (3) Because he had stolen things.
 - (4) Because he did not get up.
-

Passage Read the following passage carefully and answer the questions that follow.

Delhi's air quality deteriorates with unfailing regularity at this time of the year, with large swathes of north India in the grip of a suffocating smog, but the State Governments that can make it easier for millions to breathe do not act with any sense of urgency. That it has turned

into a public health emergency in the capital, with the air quality index touching extremely hazardous levels in some parts, necessitating the closure of primary schools, has further lowered its standing. It is unconscionable for governments, through indifference and inaction, to subject citizens to such toxic air, and cause extreme suffering especially among people with respiratory ailments and impaired lung function. The smog that envelopes the region is exacerbated by the burning biomass in Punjab and Haryana, and the winter atmosphere is marked by weak ventilation. An analysis of local sources by IIT-Kanpur last year pointed to construction dust, vehicular pollution, and domestic and industrial emissions as other factors. Clearly, the burden of such chronic problems has outweighed the benefits conferred by measures such as the ban of Deepavali crackers, and in the past, the shift to compressed natural gas for commercial vehicles and restricting cars use to odd and even number plates on alternate days. A comprehensive solution demands that the governments of Delhi, Punjab, Haryana and Uttar Pradesh, assisted by the Centre, address farm residue burning and construction dust.

Q54.

What has led to the closure of primary schools in Delhi?

- (1) Bursting of Deepavali crackers
- (2) The air quality index reached extremely hazardous level
- (3) Illness among children
- (4) Illness among teachers

Q55. The word 'exacerbate' means:

- (1) Worsen
 - (2) Beautiful
 - (3) Ugly
 - (4) Indifferent
-

Q56. Measures such as the ban on Deepavali crackers, the shift to compress natural gas for commercial vehicles and restricting cars to odd and even number plates on alternate days did not solve the pollution problem because:

- (1) People did not follow rules
- (2) Compressed natural gas was not available
- (3) Autos caused pollution
- (4) There are other factors like construction dust, domestic and industrial emissions etc.

Passage Read the following passage carefully and answer the questions that follow.

The Indian Space Research Organisation boosted its reputation further when it successfully launched a record 104 satellites in one mission from Sriharikota on Wednesday by relying on its workhorse Polar Satellite Launch Vehicle rocket. An earth observation Cartosat-2 series and two other nano satellites were the only Indian satellites launched: the remaining were from the United States, Israel, the UAE, the Netherlands, Kazakhstan and Switzerland. Of the 101 foreign satellites launched, 96 were from the U.S. and one each from the other five countries. Till now Russia held the record of launching 37 satellites in a single mission, in 2014, while the National Aeronautics and Space Administration of the U.S. launched 29 satellites in one go in 2013. Last June, ISRO had come close to NASA's record by launching 20 satellites in one mission. But ISRO views the launch not as a mission to set a world record but as an opportunity to make full use of the capacity of the launch vehicle. The launch is particularly significant as ISRO now cements its position as a key player in the lucrative commercial space launch market by providing a cheaper yet highly reliable alternative. At an orbital altitude of around 500 km, the vehicle takes about 90 minutes to complete one orbit. Though ISRO had sufficient time to put the satellite into orbit, it accomplished the task in about 12 minutes. With the focus on ensuring that no two satellites collided with each other, the satellites were injected in pairs in opposite directions. Successive pairs of satellites were launched once the vehicle rotated by a few degrees, thereby changing the separation angle and time of separation to prevent any collision.

Q57.

What do you understand by the term 'Workhorse'?

- (1) A person or machine that dependably performs hard work over a long period of time
 - (2) Machine run by a horse
 - (3) Chariot
 - (4) A worker going on a horse
-

Q58. ISRO views the launch of 104 satellites in one mission as:

- (1) Setting a world record
 - (2) An opportunity to make full use of the capacity of the launch vehicle
 - (3) Surpassing the developed countries like US
 - (4) A simple activity
-

Q59. How can ISRO benefit by this launch?

- (1) ISRO gets a world record
 - (2) ISRO can become a key player in commercial space launch market
 - (3) ISRO will get more funds from the government
 - (4) NASA will help ISRO
-

Passage: Read the following passage carefully and answer the questions that follow.

Renowned farm scientist M.S. Swaminathan has pointed out that there is no field where the benefit-cost ratio is as high as in agricultural Research and Development (R and D). This statement is well borne out in the case of Basmati rice, where India's exports have shot up more than 10-fold over the last 10 years. Roughly three-fourths of the shipments expected to touch \$5 billion this year are today accounted for by PUSA-1121, a high yielding variety bred by the Indian Agricultural Research Institute (IARI), which has an annual plan budget of hardly Rs. 60 crore. The same goes for cotton, where a more than two-and-a-half times

jump in the country's output since 2002-03 has been courtesy these BT hybrids. Or for that matter maize, which has witnessed a doubling of production over the last 10 years with the advent of single cross hybrids. These success stories are not merely about technical interventions translating into higher crop production and farm incomes. They also point to the crucial role of the private sector - be it companies, industries, processors, or exporters - in ensuring effective transfer of research know-how from laboratories to farmers' fields. In Bt-cotton and single-cross hybrids, the breeders were mainly private multinationals such as Monsanto and Dupont. They had every reason to aggressively 'push' these new cropping technologies. But PUSA-1121 would have remained in the IARI's research fields, but for a certain Basmati exporter who recognized its potential and took the initiative to promote the variety, both among farmers and overseas markets. IARI has since come out with improved Basmati variety; PUSA-1509, which also promises to be successful public sector breeding effort undertaken in close collaboration with exporting and farming community.

Q60. The author of this passage feels that :

- (1) There should be more technological intervention leading to higher crop production.
- (2) PPP is not possible in R and D in agriculture.
- (3) There is a need to encourage PPP in R and D in agriculture.
- (4) R and D agriculture should be moved away from molecular biology.

Q61. "Benefit-cost ratio is high in agricultural R and D.", then what is correct about the statement in the passage?

- (1) Benefit-cost ratio is higher in Basmati rice than in cotton.
- (2) Benefit-cost ratio is lower in agricultural R and D.
- (3) Benefit-cost ratio in R and D in agriculture is equal to agricultural expenses.
- (4) Benefit-cost ratio is relatively higher in agricultural R and D than any other field.

Q62. What is true about, "there is a lot of hidden value in public sector laboratories"?

- (1) The laboratories are undervalued in market terms compared to private laboratories.

- (2) There is a tremendous potential of the public laboratories which can be further utilized for the benefit of the farmers.
 - (3) The public sector laboratories are doing better than private laboratories.
 - (4) The public sector laboratories are underfunded compared to their real market value.
-

Q63. What inference can be drawn from, “the public sector laboratories should concentrate more on demand-driven research.”?

- (1) Moving away from researches that are old-styled.
 - (2) Research should be more demand-driven.
 - (3) There should be a balance between old-styled research and modern research.
 - (4) If the research is not demand-driven then that can't be a good research.
-

Q64. PPP framework for agricultural research:

- (1) Can be extended to sponsored/joint research collaboration with industry.
 - (2) Is a good method to reach out to agricultural community.
 - (3) Is the best way to utilize the hidden value of public laboratories.
 - (4) Can bring a lot of profit and revenue to agricultural R and D.
-

Q65. “These success stories” in the passage refers to:

- (1) Public-Private Partnership
 - (2) Research in molecular biology
 - (3) PUSA-1121b and BT hybrids
 - (4) The scientist M.S. Swaminathan
-

Q66. Choose the word or phrase that has the most similar meaning for the word given below:

LABYRINTHINE

Q67. Choose the word or phrase that has the most nearly opposite meaning for the word given: ARDUOUS

Q68. Rearrange the statements (i)(ii)(iii)(iv)(v) and (vi) in a proper order to form a meaningful paragraph and then answer the questions given below:

- (i) Since there was a time constraint for him, he decided to order from online marketing sites.
- (ii) And ordered a mobile phone from Amazon.com.
- (iii) Nikhil is a time savvy customer who always wants to save time wherever possible.
- (iv) He sat down on his system at home.
- (v) One day Nikhil wanted to buy a new mobile phone for him.
- (vi) Within three days from the date of ordering he received his mobile phone from Amazon.com.

Which sentence comes in third position?

Q69. From the previous paragraph as formed with six statements, which is the fifth sentence?

Q70. E-Business firms are gaining popularity day-by-day because of higher _____ and lower _____.

Q71. The appointment letter given by the consultancy turned _____ to be fake one.

Q72. In the sentence below, find the closest substitute for the underlined expression :
Ram advised Shyam not to put all the eggs in one basket.

Q73. The following are jumbled up parts of a sentence. Rearrange them in a proper sequence.

Q74. Choose the lettered pair that express a relationship that is most nearly like that expressed in the capitalized pair given below: RUTHLESS : COMPASSIONATE

Q75. One fully depends on others can be called a:

General Awareness

Q76. Who is the first Hinder woman to be elected to Pakistan's Senate ?

- (1) Fathima Beevi
 - (2) Kamala Harris
 - (3) Thahira. S.
 - (4) Krishna Kumari Kohli
-

Q77. In which three North Eastern states, Legislative Assembly Elections were held in the month of February 2018 ?

- (1) Nagaland, Sikkim, Mizoram
 - (2) Tripura, Meghalaya, Nagaland
 - (3) Mizoram, Assam, Sikkim
 - (4) Nagaland, Sikkim, Manipur
-

Q78. Who is the first woman to win the Man Booker Prize ?

- (1) Berrice Rubens
- (2) Penelope Fitzgerald

(3) Elizabeth Bowen

(4) Anita Brookner

Q79. Advaita philosophy was propounded by:

(1) Madhvacharya

(2) Adi Shankara

(3) Vallabhacharya

(4) Veda Vyasa

Q80. Washing soda is the common name for:

(1) Sodium bicarbonate

(2) Calcium carbonate

(3) Sodium carbonate

(4) Calcium bicarbonate

Q81. The first month of the Indian National Calendar is:

(1) Ashada

(2) Vaishaka

(3) Chaitra

(4) Magha

Q82. Which of the following is not a dance form of Kerala ?

(1) Kathakali

(2) Yaksha gana

(3) Mohiniattam

(4) Ottam Thullal

Q83. Atal Innovation Mission is a programme spear headed by:

- (1) NITI Aayog
 - (2) Ministry of HRD
 - (3) AICTE
 - (4) Ministry of Industries
-

Q84. Who acquired the online retailer “Flipkart” in India in 2018 ?

- (1) Amazon
 - (2) Walmart
 - (3) E-bay
 - (4) Alibaba
-

Q85. Which Govt. of India scheme aims at providing free cooking gas connections to the Indian women under BPL ?

- (1) Pradhan Mantri Jan Arogya Yojana
 - (2) UDAN scheme
 - (3) Pradhan Mantri Ujjwala Yojana
 - (4) Pradhan Mantri Jan Dhan Yojana
-

Q86. Who is the first Hinder woman to be elected to Pakistan’s Senate ?

- (1) Fathima Beevi
 - (2) Kamala Harris
 - (3) Thahira S.
 - (4) Krishna Kumari Kohli
-

Q87. In which three North Eastern states, Legislative Assembly Elections were held in the month of February 2018 ?

- (1) Nagaland, Sikkim, Mizoram
 - (2) Tripura, Meghalaya, Nagaland
 - (3) Mizoram, Assam, Sikkim
 - (4) Nagaland, Sikkim, Manipur
-

Q88. Who is the first woman to win the Man Booker Prize ?

- (1) Berrice Rubens
 - (2) Penelope Fitzgerald
 - (3) Elizabeth Bowen
 - (4) Anita Brookner
-

Q89. Which of the following is the native Tribe of Andaman ?

- (1) Aboriginal
 - (2) Maasai
 - (3) Jarwas
 - (4) Siddys
-

Q90. When was smallpox globally eradicated a feat due largely to the efforts of WHO ?

- (1) May 1980
 - (2) October 1977
 - (3) July 1967
 - (4) October 1987
-

Q91. The Rail Heritage Digitization project of Indian Railways is launched in collaboration with :

- (1) Infosys Foundation

- (2) Milinda Gates Foundation
 - (3) Google Arts and Culture
 - (4) Tata Institute of Social Sciences
-

Q92. What is the relationship between volt, current flow and resistance in an electric circuit ?

- (1) Volt, current flow and resistance are directly proportional to each other
 - (2) Volt and current flow are directly proportional whereas volt and resistance are directly proportional
 - (3) Volt and current flow are inversely proportional where as volt and resistance are directly proportional
 - (4) Volt, current flow and resistance are inversely proportional to each other
-

Q93. What does the abbreviation IOT stand for ?

- (1) Information on Technology
 - (2) International Office of Trade and Business
 - (3) Indian Ocean Territories
 - (4) Internet of Things
-

Q94. Which upcoming capital city of an Indian State is to be named as Atal Nagar ?

- (1) Amaravati
 - (2) Jodhpur
 - (3) Itanagar
 - (4) Naya Raipur
-

Q95. India's first indigenous nuclear powered ballistic missile submarine is named

- (1) INS Agni

- (2) INS Arihant
 - (3) INS Surya
 - (4) INS Indra
-

Q96. Who invented Ceiling fans?

- (1) Philip Diehl
 - (2) Thomas Edison
 - (3) John Baird
 - (4) Frederic Banting
-

Q97. In a recent move on Oct 2018, the Govt. of India had notified which of the following will head 'Strategic Policy Group' that assists the National Security Council?

- (1) National Security Advisor
 - (2) Cabinet Secretary
 - (3) Prime Minister
 - (4) Chief of Army Staff
-

Q98. Identify the first non-test playing country to beat India in an International match:

- (1) England
 - (2) Zimbabwe
 - (3) Sri Lanka
 - (4) Bangladesh
-

Q99. Which of the following is not a member of G - 4 nations that have voiced concern over the lack of substantive progress in long-pending United Nations Security Council (UNSC) reform?

- (1) India
- (2) Brazil
- (3) France
- (4) Germany

Q100. Which of the following is correct of the below given statements? Statement 1: Nuts can be classified as high-fat, high protein and high carbohydrate Statement 2: Cashew nuts come under the high carbohydrate category

- (1) True, False
- (2) True, True
- (3) False, True
- (4) False, False