

5. $x = y$ or no relation can be established between x and y

18. I. $6x^2 - 10x - 224 = 0$

II. $4y^2 + 38y + 84 = 0$

1. $x > y$

2. $x \geq y$

3. $x < y$

4. $x \leq y$

5. $x = y$ or no relation can be established between x and y

19. A buy book and sold it to B at 20% profit and B sold at 10% profit to C. If C pays 660 for it then what is the CP for A?

1. 550

2. 310

3. 511

4. 500

5. 512

20. If A's salary is 20000 and he saves 4000. If he spends on rent and food in ratio 9:7, then how much amount he spend on rent? (He spends his salary on rent and food only)

1. 9550

2. 9310

3. 9500

4. 9600

5. 9000

REASONING

Direction(21-25): Read the information carefully and answer the following.

Nine persons Seema, Ayush, Subhas, Robin, Mayank, Prem, Geeta, Aruna and Kavya have different weights and are of different ages viz. 25, 35, 50, 53, 60, 65, 70, 75, 85 but not necessarily in the same order. No person has same age as his weight.

Ayush is the youngest person but not the heaviest. Geeta is lighter than Kavya and Aruna who is heavier than Robin. Weight of Ayush is double the weight of Kavya. Subhas is lighter than Mayank, but Seema is heavier than Robin. Sum of weights of Geeta and Kavya is equal to the age of Robin and also the weight of Mayank. Weight of Prem is equal to the age of Seema who is elder to Prem. Difference between the ages of Geeta and Prem is equal to the age of Mayank. Aruna is 5 years elder to Kavya. Difference between the weight of Ayush and age of Subhas is 5. Sum of weight of Geeta and age of Mayank is equal to the weight of Aruna.

21. Which of the following is the weight of Prem?

1.53

2.75

3.35

4. Either 1. or 3.

5.50

22. Which of the following pair represents eldest and the heaviest person?

1. Seema, Robin

2. Robin, Kavya

3. Kavya, Prem

4. Geeta, Prem

5. Geeta, Mayank

23. What is the age of Robin?

1.25

2.35

3.60

4.65

5.50

24. What would be the Difference between the ages of Prem and Subhas?

1.25

2.40

3.50

4.45

5.30

25. What is the weight of Seema?

1.53

2.75

3.85

4.50

5.25

26. The critical reasoning question is based on a short argument, a set of statements, or a plan of action. For each question, select the best answer of the choices given and explain why the chosen answer is the right fit. You have to consider the statements to be true even if they seem to be at variance from commonly known facts.

Statements: Use of Wind Energy is recently being questioned due to the economic liability it causes. The amount invested in wind farms is much more than the returns i.e. the electricity generated from them. Also, transport and distribution costs are more since wind farm locations are at times far away from demand zones. Although, some countries have harnessed wind power to a great extent, its true potentials are barely touched due to feasibility reasons.

Which of the following can be a definite assertion from the above statements?

1. Wind energy is cost efficient but transportation is not feasible.

2. Electricity generated from Wind farms is inefficient for use

3. Countries using Wind Power are richer than others.

4. Wind power is less feasible as compared to its potential.

5. Wind power generation affects the economy of the nation.

27. The critical reasoning question is based on a short argument, a set of statements, or a plan of action. For each question, select the best answer of the choices given and explain why the chosen answer is the right fit.

Question: There have already been over 200 school shootings in USA since 2013. Several students, teachers and staff have been injured or killed in these shootings.

Which of the following is a fool proof way to reduce or eradicate the probability of these school shootings?

1. Arm the staff and the teachers.

2. Do thorough back pack checks.

3. Enforce gun control laws around the country.

4. Do not allow backpacks.

5. Implement more security measures around schools.

28. Read the following paragraph and choose the option that best summarizes the main idea of the paragraph.

YSR Congress National President and Leader of the Opposition in the Legislative Assembly Y.S. Jagan Mohan Reddy will cover 120 Assembly constituencies by foot and the remaining 55 by bus during his padayatra from November 2, which was announced after a crucial meeting with party MPs, MLAs, MLCs and office-bearers at the party headquarters in Hyderabad on Wednesday.

Mr. Jagan announced that he would begin the 'padayatra' from Idupulapaya in Kadapa district and go to Ichchapuram via Chittoor at the Yuva Bheri Programme he held in Anantapur on Tuesday.

1. Jagan to cover 120 seats by walk

2. Election season in Andhra Pradesh

3. Padayatra by Jagan

4. Option 1. or 3.

5. None of the above

29. In the following question assuming the given statements to be true, find which of the conclusion among the given conclusions is/are definitely true and then give your answers accordingly.

Statements:

$I \geq Q > 2; Q > S > T; 2 > U; V < U$

Conclusion:

I. $U < 1$

II. $2 < T$

III. $1 > T$

IV. $1 > U$

1. Only III is True

2. Only conclusions I & II are True

3. Only conclusions I, III and IV are True

4. Either conclusion II or III is True

5. All conclusions are True

30. In the following question assuming the given statements to be True, find which of the conclusion among given conclusions is / are definitely true and then give your answers accordingly.

Statements: $@ \leq 4 \geq C \geq N, C > X \leq 1, @ = R, X \leq 2 > T$

Conclusions:

I. $4 < 1$

II. $T < X$

III. $X < 4$

1. None is True

2. Both I and II are True

3. Only III is True

4. Only I is True

5. None of these

31. Which of the following symbols should be placed in the blank spaces respectively (in the same order from left to right) in order to complete the given expression in such a manner that " $7 < T$ " definitely holds True?

$R _ 7 _ Y _ O _ T$

1. =, <, ≤, >

2. >, <, =, >

3. <, =, ≤, <

4. ≤, ≤, =, ≤

5. None of these

32. In the question below is given a statement followed by two courses of action numbered I and II. You have to assume everything in the statement to be true and on the basis of the information given in the statement, decide which of the suggested course of action logically follow(s) for pursuing.

Statement: A terrible financial year has caused a company X to lose its revenue by 10%.

Courses of action:

I. The company should immediately lay off at least 20% of its employees to cut the expenditures.

II. The company should remove every unnecessary expenditure to prevent further losses.

1. Only I follows

2. Only II follows

3. Either I or II follows

4. Neither I nor II follows

5. Both I and II follow

33. In the following question, a given question is followed by information in three statements. You have to find out the data in which statement(s) is sufficient to answer the question and mark your answer accordingly.

Eight members X, B, C, D, E, F, G and H are sitting around a circular table facing outward. Who sits third to the right of G?

I. X is to the immediate right of E, who is third to the right of B.

II. G is fourth to the right of H, who is third to the left of X.

III. H is not an immediate neighbor of G.

1. All the statements are required.

2. Only I is sufficient

3. Only II is sufficient.

4. Both I and II together are sufficient.

5. Question cannot be answered even with the information in all three statements.

34. In the following question, a given questions is followed by information in three statements. You have to find out the data in which statement (s) is sufficient to answer the question and mark your answer accordingly

Who is the youngest among the following?

I. T is the son of A. Y is the son of B, who is father in law of X. A is the mother of Y.

II. T is paternal uncle of D. Y is the paternal uncle of F.

III. F is the only brother of E, but not the younger.

1. All the statements are required

2. Both I and II are sufficient

3. Only II and any one of I and III are sufficient.

4. Both II and III are sufficient

5. All the statements together are not sufficient.

35. In the following questions, a given question is followed by information in three statements. You have to decide the data in which statement(s) is sufficient to answer the question and mark your answer accordingly.

Six persons L, M, N, O, P and Q have the appointment with a doctor on 5th and 12th in the month of September, October and November. No two persons have the appointment on the same day. Who among them has the appointment on October 5th?

Statement I: M has the appointment on 5th of a month, which has 30 days. Only two persons have appointment between M and O.

Statement II: N and O have the appointment in the same month. No person has the appointment before N.

Statement III: M and P have the appointment in the same month. L and P do not have the appointment in the same date.

1. Statement II alone is sufficient to answer the question.

2. All the statements together are required to answer the question.

3. Statement I and II together are sufficient to answer the question.

4. Statement II and III together are sufficient to answer the question.

5. Either statement I or III and statement II are required to answer the question.

Direction (36-40): Study the following information carefully and answer the question given below.

A number arrangement machine, when given a particular input, rearranges it following a particular rule. The following is the illustration of the input and the steps of arrangement.

A number and symbol arrangement machine when given an output.

Statement:

Input- 32 Die Server Broke 79 56 Hire Silence 26

I – Silence 79 32 Die Server Broke 56 Hire 26.

II – Silence 79 Server 56 Die Broke Hire 26.

III – Silence 79 Server 56 Broke 32 Die Hire 26.

IV – Silence 79 Server 56 Broke 32 Hire Die 26.

V - Silence 79 Server 56 Broke 32 Hire 26 Die.

This is the final arrangement and step 5 is the last step.

1. liabilities
 2. wherewithal
 3. incommodity
 4. indebtedness
 5. None of the above
57. No relief of any _____ is expected before February.
1. alternative
 2. choice
 3. style
 4. sort
 5. None of the above
58. One evening, we were told to _____ the accommodation and move to a _____ place as war was imminent.
1. depart, best
 2. avoid, secure
 3. vacate, safer
 4. inhabit, unharmed
 5. None of the above
59. It depends on the _____ of the measures being taken to _____ the supply of vegetables and other food items through imports.
1. inefficacy, reduce
 2. efficacy, augment
 3. ineffectiveness, increase
 4. efficiency, lessen
 5. None of the above
60. Then came the _____ by PM Indira Gandhi declaring war with Pakistan.
1. address
 2. vigil
 3. misunderstanding
 4. bewilderment
 5. None of the above

Direction (Q. 61 - 65): Each of the following questions has an incomplete paragraph. From the given options, choose the one that completes the paragraph in the most appropriate way.

61. Punjabis, including Sikhs, are known to organise lavish parties on weddings, where liquor flows like water and non-vegetarian food is served. It has become a status symbol. There are some who can afford this lavish and avoidable expenditure; many more are compelled to do it under pressure, as a face-saving exercise.

1. There is nothing wrong in doing so, but somewhere we seem to have forgotten the real message of the Guru.
 2. Guru Nanak preached simplicity and laid emphasis on observing honesty in whatever one does. He was not in favour of any ostentatious show.
 3. Can our leaders, both political and religious, think of doing something more meaningful for humankind?
 4. It is not uncommon that sometimes they may have to part with a precious piece of agricultural land or take substantial loans. Subsequently, this financial burden emerges as a major reason for suicides.
 5. An instruction to ban lavish parties, serving of liquor and non-vegetarian food, and to restrict the number of baratis may save many lives.
62. Himachal Pradesh has taken the lead by deciding to buy-back non-recyclable plastic waste and single-use plastic at a minimum support price of Rs 75 per kg. Such incentives can go a long way in curbing the availability of the eco-unfriendly material.

1. Single-use plastic will not be allowed inside national monuments and within 100 metres of their boundary.
2. Installing plastic disposal machines at railway stations and other public places is also a step in the right direction.
3. Indiscriminate disposal of single-use plastic has been wreaking havoc on the environment.

4. The onus is on various stakeholders, right from the industry to the consumer, to decrease (and eventually stop) its consumption and popularise alternatives such as paper and jute.

5. The imposition of bans and fines has often proved counter-productive due to lax enforcement and widespread non-cooperation.

63. Those were the times when teachers enjoyed a different status in society. Parents would go to school only once, at the time of admission, and leave it to the teacher to educate the child and also to set him right. Setting the pupil right was taken as a serious occupation. _____. The parent would take pride in telling the teacher, "Don't hesitate to give a few canes. The boy must be chastened".

1. While the teacher taught us tables, there would be the occasional chiming of bells by late-comers.

2. In the higher classes, we had the opportunity of being taught by the principal himself — a great teacher of English and a disciplinarian.

3. There were different teachers teaching different subjects.

4. Those teachers had a benevolent heart and strong hands. They were like village heads, known to everyone in the town and commanding respect.

5. Such teachers were not teachers only by profession. They always were teachers — in the school, the playground, at home, in the market, or at midnight in front of the talkies.

64. People from all over the world will gather to commemorate the 550th birth anniversary of Guru Nanak Dev. In a spirit that cuts across narrow partisan divisions, which is rare in today's environment, political leaders both from the Centre and Punjab, along with religious leaders, will be together on the stage.

1. Recent politicking and bickering between various political parties, particularly the Congress on one side and the Akali-BJP combine on the other, have raised the unholy spectre of a distastefully fragmented event.

2. Credit for reaching out would go to Capt Amarinder Singh, who went the extra mile.

3. The values advocated by Guru Nanak need to be followed, more so in these disturbed times.

4. Guru Nanak's message of universal brotherhood finds resonance far beyond his followers, the Sikhs.

5. This is the way it ought to be.

65. Once when I was entering a jawans' family complex, the sentry at the gate stopped me and asked for identity papers. I confidently took out a blank piece of paper from my pocket. Without even checking, the sentry let me go. _____.

1. I could also see the efficacy of security lighting.

2. The need for maintaining mission secrecy required that I give him a lift.

3. This became an important input to apply correctives and improve the security in the cantonment.

4. I was cycling back after my round of the barracks, a rucksack-carrying uniformed soldier signalled me to stop.

5. I was cycling back after my round of the barracks.

Direction (Q. 66 - 70): In the following passage there are blanks, each of which has been labeled with numbers from 1 to 10.

Against each blank, four alternatives are suggested. Choose the most appropriate word for each blank. Choose option (5), if none of the first four options is correct.

The inflation devil is back and at the wrong time. The 7.35% rise in consumer price inflation in December is a ____ (1) ____ even to those who were prepared for an elevated level of inflation in the ____ (2) ____ of the rise in prices of food commodities in general, and the ____ (3) ____ rise in the price of onions, in particular. The disturbing December print has set off fears over ____ (4) ____ India is entering a period of slow growth accompanied by high inflation, in other words, stagflation. Such fears ____ (5) ____ to be weighed against a few facts.

66. Which of the following can fill the **blank 1** appropriately?

1. startling
2. horrid
3. monstrous
4. shocker
5. None of the above

67. Which of the following can fill the **blank 2** appropriately?

1. understanding
2. cognizance
3. backdrop
4. recognition
5. None of the above

68. Which of the following can fill the **blank 3** appropriately?

1. plummeted
2. astronomical
3. climb
4. tumbled
5. None of the above

69. Which of the following can fill the **blank 4** appropriately?

1. whether
2. rather
3. generally
4. future
5. None of the above

70. Which of the following can fill the **blank 5** appropriately?

1. can
2. is
3. has
4. have
5. None of the above

G.K

71. Which country remains the largest source of FDI in India during the first half of the financial year (April-September 2019-20) with USD 8 billion investments.

1. Mauritius
2. United States
3. Japan
4. Singapore
5. Russia

72. Who has been reappointed as Chairman of Railway Board for a period of one year with effective from 01.01.2020?

1. Sangita Reddy
2. Balkrishan Goenka
3. Vinod Kumar Yadav
4. Harsh Vardhan Shringla
5. Pawan Chaturvedi

73. Which Bank has given a \$75 million line of credit to Cuba for financing 75 MW Photovoltaic Solar Parks?

1. PNB Bank
2. Exim Bank
3. SBI Bank
4. ICICI Bank
5. None of these

74. Name of the Indian girl, who can sing in 120 languages, has won the 'Global Child Prodigy Awards 2020'.

1. Monisha Ghosh
2. T. L. Alamelu
3. Priti Patel
4. Sucheta Satish
5. Alok Sharma

75. Recently, which state has approved the Mukhya Mantri Karmchhari Swasthya Bima Yojana (Chief Minister Employees

Health Insurance Scheme) implementation from April 1, 2020 for the welfare of all employees of the state?

1. Andhra Pradesh
2. Madhya Pradesh
3. Maharashtra
4. Rajasthan
5. Haryana

76. Who was appointed as interim Managing Director and Chief Executive Officer (CEO) of Lakshmi Vilas Bank (LVB)?

1. ShayamShrinivasan
2. S Sundar
3. M R Kumar
4. Parthasarathi Mukherjee
5. None of these

77. Who took oath as Chief Minister of Jharkhand?

1. Shibu Soren
2. Arjun Munda
3. Raghubar Das
4. Hemant Soren
5. None of these

78. Name of the exercise which was conducted by Indian Coast Guard (ICG) to validate and reinforce the response mechanism for oil pollution incidents.

1. Swachhh Samundra
2. Swachhh Sagar
3. Swachhh ocean
4. Swachhh water
5. None of these

79. Name of Boxing player who has been banned for one year with immediate effect by the National Anti Doping Agency (NADA) for failing doping test.

1. Vijender Singh
2. Shiv Thapa
3. Sumit Sangwan
4. Hawa Singh
5. Devendro Singh

80. Who was appointed as Country's first Chief of Defence Staff?

1. Bipin Rawat
2. Manoj Mukund Naravane
3. Bhagwan Lal Sahnii
4. Birender Singh Dhanoa
5. Karambir Singh

81. A statement that summarizes an economy's transactions with rest of world for a specified time period is known as:-

1. summary statement
2. balance of payments
3. balance sheet
4. transfer payments
5. None of these

82. Trade of products that belongs to same industry is known to be as:-

1. trade with specialization
2. gains from trade
3. inter-industry trade
4. intra-industry trade
5. None of these

83. When firm's marginal revenue is equals to firm's marginal cost, that situation is known as:-

1. efficient scale
2. pareto efficiency
3. profit maximization
4. equilibrium
5. None of these

84. Process of allocating capital in a way that reduces exposure to any one particular asset or risk is known to be as:-

1. risk diversification
2. risk value
3. risk assessment
4. risk criterion
5. None of these

85. In which year, Reserve Bank of India introduced the concept of classification of money into M1, M2, M3 and so on?

1. 1998
2. 1977
3. 1961
4. 1956
5. 1982

86. Which of the following is a payment and settlement system used by the banks in India?

1. Liquidity adjustment facility
2. Real time gross settlement
3. Forward rate agreements
4. Central depository service
5. Negotiated dealing system

87. Internal committee of the RBI has suggested that the foreign exchange market could function from 9 a.m. to _____ p.m.

1. 6 p.m.
2. 9 p.m.
3. 7 p.m.
4. 5 p.m.
5. 8 p.m.

88. Who among the following was honored with Sports person of the Year 2019 award during the annual general meeting of Sports Journalists Federation of India (SJFI) 2019?

1. Saurabh Choudhary
2. Pankaj Advani
3. Bajrang Punia
4. Both (1) and (2)
5. Both (2) and (3)

89. Name the minister, who has become the Youngest Parliamentarian in the history of Indian Parliament.

1. Mansukh L. Mandaviya
2. Chandrani Murmu
3. Pralhad Joshi
4. G. Kishan Reddy
5. None of these

90. Name the bank, which has joined hands with Multilateral Investment Guarantee Agency (MIGA) to expand Development Finance in Asia and Pacific to increase the flow of private sector investment.

1. Organization for Economic Co-operation and Development
2. National Development Bank
3. International Monetary Fund
4. Asian Development Bank
5. None of these