

13. According to the World Wildlife Fund's (WWF) Living Planet Report 2022, by how many per cent wildlife populations monitored across the globe have declined between 1970 and 2018?
 1) 91% 2) 40% 3) 51% 4) 80% 5) 69%
14. What is the minimum capital requirement for New Banks in the Private Sector?
 1) Rs. 500 crore 2) Rs. 300 crore 3) Rs. 200 crore
 4) Rs. 600 crore 5) Rs. 1000 crore
15. Which film has won the "Best Feature Film" at the 68th National Film Awards?
 1) Testimony of Anna 2) Tanhaji 3) Manah Aru Manuh
 4) Soorarai Pottru 5) Ayyappanum Koshiyam
16. Which of the following International Airport has been awarded the Airport Service Quality (ASQ) award in 2022?
 1) Sardar Vallabh Bhai Patel International Airport
 2) Chennai International Airport 3) Indira Gandhi International airport
 4) Thiruvananthapuram International Airport 5) Cochin International Airport
17. Which strong cyclones made its landfall in Bangladesh bringing heavy rains to the coastal areas of West Bengal, Odisha and North Eastern States?
 1) Jawaad 2) Gulaab 3) Sitrang 4) Yaas 5) Karim
18. Which of the following states has launched a scheme named Mahatma Gandhi Rural Industrial Parks (MGRIP) to develop cow sheds as rural industrial parks?
 1) Rajasthan 2) Chhattisgarh 3) Odisha 4) Assam 5) Karnataka
19. The Government of India has banned the PFI, as an unlawful association with instant effect for five years under the Unlawful Activities Act, 1967. What does PFI denote?
 1) Public Front of India 2) Public Freight of India
 3) Private Front of India 4) Popular Fight of India 5) Popular Front of India
20. Which company will launch the Carbon Calculator feature with Indian banks for offering consumers an estimated carbon footprint for each of their purchases?
 1) Razorpay 2) Mastercard 3) Visa 4) Paypal 5) PhonePe
21. Recently, Indian Fertilizer companies have signed a MoU with which Canadian company one of the largest Potash suppliers globally?
 1) Canpotex Company 2) Power Corporation of Canada
 3) George Weston Limited 4) Magna International
 5) Rogers Communications
22. Name the company that has recently partnered with Meta Platforms to develop high-speed internet undersea cable infrastructure.
 1) Vodafone Idea 2) Bharti Airtel 3) Reliance Jio Infocomm
 4) Bharat Sanchar Nigam Limited 5) Mahanagar Telephone Nigam Limited
23. Which of the following places are included in the list of World Heritage Sites from India?
 A) Ajanta Caves
 B) Sri Venkateswara Temple, Tirumala
 C) Sun Temple, Konark
 D) Gwalior, Orchha
 Select the correct answer using the code given below:
 1) Only (A), (B) and (C) 2) Only (B), (C) and (D)
 3) Only (A), (C) and (D) 4) All A), (B), (C) and (D) 5) Only (C) and (D)
24. Miraj State Bank has acquired by which bank in 1985?
 1) Union Bank of India 2) Allahabad Bank
 3) Punjab National Bank 4) Bank of Baroda 5) State Bank of India
25. Which of the following has topped among all Group A Ministries, Departments and Autonomous Bodies for resolving public grievances in the rankings report published by Department of Administrative Reforms and Public Grievances for September 2022?
 1) Bureau of Energy Efficiency 2) Aeronautical Development Agency
 3) Ministry of Home Affairs 4) Unique Identification Authority of India
 5) Central Vigilance Commission

26. Which city has the highest average level of fine PM 2.5 among the world's most populated cities, as per HEI's recent report?
1) Dhaka 2) Varanasi 3) Colombo 4) Kathmandu 5) New Delhi
27. The monetary value of an asset decreases over time due to use, wear and tear or obsolescence. This decrease is measured as _____.
1) Depreciation 2) Revaluation 3) Deflation
4) Inflation 5) Debasement
28. Which became the first state in India to publish an encyclopedia based on tribal communities?
1) Haryana 2) Sikkim 3) Odisha 4) Maharashtra 5) Karnataka
29. Which of the following has completed six flight tests of the Quick Reaction Surface to Air Missile system from Integrated Test Range, Chandipur, off the Odisha coast?
1) VSSC 2) DRDO 3) ISRO 4) HAL 5) Bharat Dynamics
30. Which of these new Indian currencies is Greenish Yellow in color?
1) Rs 50 2) Rs 10 3) Rs 100 4) Rs 200 5) Rs 20
31. Which state government has launched a scheme named 'Swanirbhar Naari', to empower indigenous weavers?
1) Assam 2) Chhattisgarh 3) Tripura 4) Bihar 5) Sikkim
32. J-Curve Effect in economy is known for which of the following?
1) Impact of devaluation of currency on Unemployment
2) Impact of devaluation of currency on GDP
3) Impact of Appreciation of currency on Inflation
4) Impact of depreciation of currency on Balance of Payment
5) Impact of Demonetisation of currency on Growth rate
33. Recently, who has appointed as new Chief of Defence Staff of India?
1) RK Singh Bhaduria 2) Birender Singh Dhanoa
3) Om Prakash Mehra 4) Pratap Chandra Lal 5) Anil Chauhan
34. The government has now decided to borrow Rs. 14.21 trillion in the current fiscal, as against _____ estimated in the budget.
1) Rs. 18.31 trillion 2) Rs. 14.31 trillion
3) Rs. 17.31 trillion 4) Rs. 21.31 trillion 5) Rs. 25.31 trillion
35. Which Indian state has launched a new scheme named 'Naari Ko Naman'?
1) Himachal Pradesh 2) Punjab 3) Odisha 4) Uttar Pradesh 5) Goa
36. Indian Army activated satellite broadband-based internet service on the world's highest battlefield, Siachen Glacier. The Siachen Glacier is located in which mountain range?
1) Zaskar 2) Ladakh 3) Pirpanjal 4) Kailash 5) Karakoram
37. Name the mobile banking app, which was launched by Canara Bank recently?
1) Canara bla 2) Canara ols 3) Canara ai1 4) Canara ind 5) Canara sil
38. Who among the following has won the Brazilian Grand Prix Title 2022?
1) Max Verstappen 2) George Russell 3) Sergio Perez
4) Lewis Hamilton 5) Charles Leclerc
39. Which city's Metro Rail Corporation Limited has signed an MoU with WhatsApp to launch a chatbot-based QR ticketing service for Namma Metro?
1) Bengaluru 2) Kolkata 3) Mumbai 4) Delhi 5) Lucknow
40. 'Syama Prasad Mookerjee Port Trust' located at which Indian State?
1) Karnataka 2) Andhra Pradesh 3) Telangana
4) Gujarat 5) West Bengal
41. With reference to The Prevention of Money Laundering Act (PMLA), 2002, consider the following statements
A) The Adjudicating Authority appointed by the central government is bound by the procedure laid down by the Code of Civil Procedure, 1908
B) The Act impose obligation on banking companies and financial institutions to verify identity of clients, maintain records and furnish information to Financial Intelligence Unit - India (FIU-IND)
C) Orders of the Adjudicating Authority can be appealed only in the Supreme Court
Choose the INCORRECT statements:
1) (A) only 2) (A) and (C) only 3) (B) only
4) (B) and (C) only 5) Only (C)

42. Which of the following is the capital of Lakshadweep?
 1) Port Blair 2) Silvassa 3) Dadar 4) Dispur 5) Kavaratti
43. Which of the following Naval Ship successfully launched the Submarine Launched Ballistic Missile (SLBM)?
 1) INS Vikrant 2) INS Talwar 3) INS Arihant
 4) INS Satpura 5) INS Suavarna
44. Which state has launched 'CM Udyman Khiladi Unnayan Yojana' on National Sports Day?
 1) Jharkhand 2) Uttarakhand 3) Uttar Pradesh 4) Rajasthan 5) Sikkim
45. How many medals India has won in Commonwealth Games 2022 held in Birmingham?
 1) 67 2) 71 3) 41 4) 51 5) 61
46. Consider the following statements:
 A) PM Modi inaugurates PM Kisan Samman Sammelan on 17th Oct 2022 at Indian Agriculture Research Institute, New Delhi.
 B) PM released the 12th installment of Pradhan Mantri Kisan Samman Nidhi (PM-KISAN) funds. Rs 26,000 crores were transferred to over 8.5 crore eligible farmers as part of the scheme.
 C) Under PM-KISAN scheme, 'Bharat Urea Bags' are launched. These will help companies' market fertilizers under the single brand name "Bharat."
 Which of the above statements is/are Incorrect?
 1) Only (B) 2) Both (A) and (B) 3) Both (A) and (C)
 4) All (A), (B) and (C) 5) Only (C)
47. What is the abbreviation of FPI?
 1) Foreign Postal Investment 2) Foreign Provident Investment
 3) Foreign Portfolio Influence 4) Foreign Portfolio Interest
 5) Foreign Portfolio Investment
48. Global escrow banking solution provider, Castler has partnered with which of the bank to offer digital escrow services for the bank's customers?
 1) Bank of Baroda 2) Yes Bank 3) HDFC Bank
 4) Federal Bank 5) Kotak Mahindra Bank
49. Which of the following state cricket team won Ranji trophy 2022?
 1) Madhya Pradesh 2) Maharashtra 3) Rajasthan
 4) Delhi 5) Punjab
50. The Centre and the board of National Bank for Financing Infrastructure and Development (NaBFID) has appointed who among the following as its managing director (MD) in August 2022?
 1) Sivasubramanian Ramann 2) G.P. Garg 3) Debasish Panda
 4) Rajkiran Rai G 5) G.R. Chintala

ENGLISH LANGUAGE

Directions (51-55): Rearrange the following sentences to form a meaningful paragraph and the answer the given questions.

- A) Checking this menace demands gradually moving towards greener transport.
 B) In countries like India transport is a rapidly expanding sector and hence pollution an increasing health hazard.
 C) Again, the lesson from around the world is that government incentives can get people off fossil fuel.
 D) It boosts sales of green vehicles, reducing greenhouse gas emissions, diesel fumes and other toxic by-products of internal combustion.
 E) Many countries actually top off tax breaks with perks like no tolls, free parking and free charging at municipal stations.
 F) Transport is responsible for a significant proportion of emissions all over the world, because of petroleum-based products used in internal combustion engines.

51. What should be the **FOURTH** sentence after rearrangement?
 1) E 2) B 3) C 4) D 5) A

52. What should be the **FIFTH** sentence after rearrangement?
 1) A 2) D 3) C 4) F 5) E
53. What should be the **THIRD** sentence after rearrangement?
 1) A 2) B 3) F 4) D 5) C
54. What should be the **SECOND** sentence after rearrangement?
 1) F 2) B 3) D 4) A 5) E
55. What should be the **FIRST** sentence after rearrangement?
 1) A 2) E 3) C 4) D 5) F

Directions (56-58): The following questions consist of three sentences. One of these may or may not contain grammatical error. Choose the option which denotes the sentence(s) that is/are **grammatically correct**. If all the given sentences are correct / incorrect, choose "All are correct" / "All are incorrect" as your answer.

56. I. Although we may never completely eradicate every disease on earth, it's heartening to see the progress medicine has made on so many fronts.
 II. The West should push both sides to resume talks and live up to their commitments as per the Minsk agreement to restore relative peace on the border.
 III. Absence of uniform protocols either for diagnosis and for interventions make Ayurveda too subjective and diverse.
 1) Both I and II 2) Only I 3) Both I and III
 4) Only II 5) All are correct
57. I. Students at the university is circulating a petition asking the government to freeze tuition fees at current levels.
 II. This aspect needs to be regulated to ensure that such products go through robust pre-marketing studies.
 III. The population density of a country is determined by how many people live within each unit of its area, be it square miles or other measurements.
 1) Both I and II 2) Only I 3) Both I and III
 4) Only III 5) All are correct
58. I. It is expected that the company president has emphatically deny the allegations of embezzlement.
 II. Because it was several sizes too big, the woman's evening gown had to be taken in by the seamstress before the gala.
 III. We hadn't even noticed the company name on the house till this news were published in the media.
 1) Both I and II 2) Only I 3) Both I and III
 4) Only II 5) All are incorrect

Direction (59-63): In the following passage there are blanks, each of which has been numbered. These numbers are given below the passage and against each, five options are given. Find out the appropriate word which fits the blank appropriately to make grammatically and contextually correct sentences.

Rules of the Houses leave it to the Speaker or the Chairman to refer the Bills to the Standing Committees for a detailed scrutiny —————(59) After such scrutiny is completed; the committees send their reports containing their recommendations on improvements to be made in the Bills to the Houses. While undertaking such scrutiny, the committees invite various stakeholders to place their views before them. Only after —————(60) consultation do the committees formulate their views and recommendations. Under any circumstances, the Bills which come back to the Houses after the scrutiny by the committees will be in much better shape in terms of their content. This is a common experience. That is the reason why the Rules of the Houses provide for reference of the Bills to the committees. Although, technically, the reference to the committees is within the —————(61) of the Speaker or the Chairman, the —————(62) of the Rules is that all-important Bills should go before the committees for a detailed examination. However, every Bill which comes before the Houses need not be sent to the committees. For example, some minor

Amendment Bills or Bills which do not have any serious —————(63) need not be sent to the committees.

59. 1) therefore 2) there of 3) there in 4) hitherto 5) origin
 60. 1) complex 2) explanation 3) detailed 4) elaborate 5) flashy
 61. 1) discretion 2) policy 3) attention 4) caution 5) sense
 62. 1) upshot 2) core 3) import 4) intendment 5) burden
 63. 1) ramifications 2) precipitate 3) sequence 4) upshot 5) sequel

Direction (64-66): In this question a word has been given in followed by a sentence has been given with four words given in bold denoted by (A), (B), (C) and (D). One of the four given in bold may One of these words may either be misspelt or inappropriate in the given context. Identify the incorrect word. If all of the words are correct, mark option 'All correct' as your answer. Then rearrange the given words in order to form a grammatically correct and meaningful sentence and answer the given questions.

64. Coal is increasingly **mitigation (A)** and **uneconomic(B)** it out over time will bring local gains, such as **phassing (C)** air pollution, aside from climate **reduced (D)**.
 1) ABDC: uneconomic 2) BCDA: phassing 3) ABCD: reduced
 4) DCBA: mitigation 5) No replacement required: All correct
65. **looking (A)** now at the heart-rending and urgent **appeals(B)** for oxygen **shortages (C)** and vaccines, and the snail's pace of the vaccination drive and reports of vaccine **supplies (D)**.
 1) ABDC: looking 2) BCDA: appeals 3) ABCD: All correct
 4) DCBA: supplies 5) No replacement required: shortages
66. The **principle (A)** aim seems to be to upend the **Champions(B)** League, the crown jewel among all **governing (C)** managed by European football's **competitions (D)** body UEFA.
 1) ABDC: principle 2) BCDA: All correct 3) ABCD: Champions
 4) DCBA: competitions 5) No replacement required: governing

Direction (67-69): In the following question, a word is given that is followed by three statements. All these three statements carry the given word. Identify the sentence(s) in which the word fits to make them grammatically correct and meaningful.

67. **Expedient**
 I. The solution is politically **expedient** but may well cause long-term problems to the public.
 II. I cut my purchases dramatically by the simple **expedient** of destroying my credit cards.
 III. He also addressed **expedient** public meetings and spent wo memorable weekends at oxford.
 1) only I 2) only II 3) only III 4) I & II 5) I, II & III
68. **Precedent**
 I. The lawyer of the state cited many **precedents** in support of his case.
 II. The crowds at the station were growing enormous, their greetings are more **precedent**.
 III. There are several **precedents** for promoting people who don't have formal qualifications.
 1) only I 2) only II 3) I & III 4) II & III 5) I, II & III
69. **Appraise**
 I. The book described the **appraise** of desert species to the hot scorching conditions.
 II. It is always difficult to **appraise** the efforts in true spirits if the results are not favorable.
 III. Leaving behind low living standards and poor conditions in work and study seems more like a **appraise** than rejection.
 1) only I 2) only II 3) only III 4) I & II 5) I, II & III

Direction(70-71): Which phrase should replace the phrase given in bold in the sentence to make it grammatically correct? If the sentence is correct as it is given, mark 'No correction required' as your answer.

70. We **tend to equated** the real economy with the stock market at all times, but they hardly ever meet.
 1) tends to equate 2) tend to equate 3) tending to equate
 4) tend to equating 5) No replacement required
71. The Government **has refused to engage** with either domestic or global liberal opinion.
 1) had refused to engage 2) has refused to engaging
 3) were refused to engage
 4) No replacement required 5) has refused to engaged

Directions (72-73): Read the passage and answer the question.

72. Mr. Q lives in a palatial house and owns a lot of money. But he seldom seen spending money on comforts. He is always seen sleeping on age old cot with torn mattresses. He does not indulge in sumptuous food and manages with just two chapattis and curry. What kind of person is Mr Q
 1) Extortionate 2) economical 3) stingy 4) rapacious 5) sordid
73. The film star Pawan Kalyan has a strong influence on youth. He influences, attracts and inspires youth with his personal qualities. People throng to his events in large numbers and are swayed by his speeches. Truly he has charming and appealing personality. What kind of person is Pawan Kalyan
 1) Poised 2) charismatic 3) hypnotic 4) magnetic 5) mesmerizing

Directions (74-75): There are three sentences following idiomatic expression, find out in which sentence or sentences the idiomatic expressed is used properly.

74. Butterflies in my stomach
 A. Sally had butterflies in the stomach when he saw my brand new car.
 B. He had butterflies in his stomach as he walked out onto the stage for his dance performance
 C. I had butterflies in my stomach when he had been lying, and sure enough, it was later proved that he had been
 1) Only A 2) Only B 3) Only C 4) A and C 5) None of these
75. Draw the line
 A. It all depends on your concept of fiction and where you draw the line between fact and fiction
 B. I swear quite a lot but even I draw the line at saying certain words.
 C. So at what point do we consider the fetus a baby? We've got to draw the line somewhere.
 1) A and B 2) B and C 3) C and A 4) All of these 5) None of these

Directions (76-77): In the following questions a word is given in bold, from the options given below find the pair which correctly represents the synonym and antonym of the word given in bold and mark that as your answer.

76. India joined the Association with a number of conditionalities such as the **exclusion** of bilateral issues, decision-making by voting, and holding of meetings without all members being present.
 1) Coventry : interdiction 2) exception : rejection 3) interdict : separation
 4) segregation : acceptance 5) None of the above.
77. The State of the World's Forests report 2020, says that since 1990, around 420 million hectares of forest have been lost through deforestation, **conversion** and land degradation.
 1) modification : stagnation 2) alteration : transformation
 3) permutation : reclamation 4) reconstruction : novelty 5) None of the above.

Direction (78-79): In each question, you have been given a small paragraph with three blanks followed by six words out of three could fill blanks. Identify which of the given options would correctly mention the pattern of the options which would be filling the blanks.

78. Squeezed _____ atop the 1,600 km length of the Western Ghats mountain range is a narrow band of wilderness that is _____ in by the coastal plains from the west and the Deccan plateau from the east. Structurally, this shrinking wilderness is a series of protected areas in the Western Ghats _____ hotspot region that has a high human population density.

A) longitudinally B) hemmed C) biodiversity
D) psychoactive E) easygoing F) depresses

1) A, B & C 2) D, F & C 3) A, C & F 4) B, C & E 5) None of these

79. Many people have _____ to towns and cities. Others are prosperous and have taken to an urban way of life. They are not interested in the income from Minor Forest Produce or _____ traditional shifting cultivation. Having plantations or even _____ forests, if they get good incentives, can work well for all of them.

A) de facto B) sovereign C) retaining D) migrated
E) easygoing F) practising

1) A, C & E 2) D, F & C 3) A, C & F 4) B, C & E 5) None of these

Directions (80-81): In each question there is a statement followed by three starters which are denoted by A, B, and C. Each starter is a group of first few words of the sentence which on proper completion, is supposed to convey the same meaning of the original statement. Find out which one or more starters can form grammatically correct sentences(s) to convey the SAME meaning of the original statement

80. There are companies that develop photocatalytic paints. It can remove pollutants from air in the presence of sunlight and ultraviolet(UV) rays.

A) There are companies.....
B) Removing pollutants from.....
C) Developing photocatalytic paints.....

1) only A 2) Only B 3) Only C 4) Only A and C 5) Only A and B

81. Anti-smog gun is a device that sprays nebulized water droplets into the air through high pressure propellers. It helps particles to settle down.

A) Spraying nebulized....
B) Anti-smog gun.....
C) Helping particles to

1) Only A 2) only B 3) only C 4) only A and B 5) All of these

Direction (82-89): Read the following passage carefully and answer the following questions.

Electoral bonds are interest-free bearer instruments used to donate money anonymously to political parties. A bearer instrument does not carry any information about the buyer or payee and the holder of the instrument which is the political party, is presumed to be its owner. The bonds are sold in multiples of Rs 1,000, Rs 10,000, Rs 1 lakh, Rs 10 lakh, and Rs 1 crore, and the State Bank of India (SBI) is the only bank authorized to sell them. Donors can purchase(A) and subsequently(B) donate the bonds to their party of choice(C), which the party can then cash through(D) its verified account within 15 days. There is no limit on the number of bonds an individual or company can purchase. SBI deposits bonds that a political party hasn't encashed within 15 days into the Prime Minister's Relief Fund.

At the time of its announcement, electoral bonds were understood to be a way for companies to make anonymous donations. However, the fine print of the notification has revealed that even individuals, groups of individuals, NGOs, religious and other trusts are permitted to donate via electoral bonds without disclosing their details. The Supreme Court reserved its order on a plea seeking a stay on the sale of fresh electoral bonds ahead of state assembly elections.

The anonymity provided to donors donating electoral bonds is the point of **contention** here. Through an amendment to the Finance Act 2017, the Union government has exempted political parties from disclosing donations received through electoral bonds. In other words, they don't have to disclose details of those _____ by way of electoral bonds in their contribution reports filed mandatorily with the Election Commission every year.

This means the voters will not know which individual, company, or organization has funded which party, and to what **extent**. Before the introduction of electoral bonds, political parties had to disclose details of all its donors, who have donated more than Rs 20,000. According to transparency activists, the change infringes the citizen's 'Right to Know' and makes the political class even more unaccountable.

Moreover, while electoral bonds provide no details to the citizens, the said anonymity does not apply to the government of the day, which can always access the donor details by demanding the data from the State Bank of India (SBI).

In less than three years of their introduction, by virtue of the anonymity they offer to donors, electoral bonds have become the most popular route of donation. More than half the total income of national parties and the regional parties for the financial year 2018-19 came from electoral bonds donations.

82. What is the purpose of Electoral bonds?
- 1) Electoral bonds are introduced to anonymously donate money for party funds.
 - 2) Electoral bonds are used for donation to a political party, an NGO anonymously.
 - 3) Electoral bonds are used by political parties for party fund payments.
 - 4) Electoral bonds are introduced to add money into PM relief fund without any details.
 - 5) Electoral bonds are similar to any charity.
83. Why Electoral bonds became so popular in the country?
- 1) They are widely used to illegally fund the political parties.
 - 2) They are widely used as they are interest free.
 - 3) They provide anonymity to the donors towards their donation.
 - 4) Electoral bonds are available to all the citizens of India.
 - 5) Electoral bonds are only accessed by SBI.
84. Why did the Supreme court ordered a stay on fresh sale of electoral bonds?
- 1) Political parties are becoming more unaccountable.
 - 2) Anonymous donations are being misused by several parties.
 - 3) Several organizations held a petition against the electoral bonds.
 - 4) To keep things under control as the state assembly elections are nearby.
 - 5) Mass circulation of electoral bonds is illegal during elections.
85. Choose the true statement(s) from the given options, in according to the above passage.
- I. Trusts are permitted to donate using electoral bonds without disclosing their details
 - II. Recently, more than half the total income of national parties came from electoral bonds donations.
 - III. Before introducing electoral bonds, there was no control over towards its donors.
- 1) only I 2) only II 3) I & II 4) II & III 5) I, II & III
86. In the passage a sentence has been underlined, and in this sentence four words have been given in **bold** denoted by (A), (B), (C) and (D). These words given in bold may need to be rearranged in a proper sequence to form a meaningful and grammatically correct sentence, suitable in the context of the passage. Identify the sequence and mark that as your answer. If no interchange is required, mark 'No interchange required' as your answer.
- 1) A-B 2) B-C 3) C-D 4) A-D 5) No interchange required

87. Which of the following is the MOST SIMILAR in meaning to the word '**contention**' as used in the passage?
 1) conflict 2) accord 3) harmony 4) truce 5) clause
88. Which of the following is the MOST OPPOSITE in meaning to the word '**extent**' as used in the passage?
 1) intensity 2) extreme 3) expansion 4) pivotal 5) process
89. Which of the following words can be used to fill the blank given in the passage?
 1) receiving 2) asking 3) pertaining 4) relieved 5) contributing
- Direction (90):** Read the following sentence and find out which of the phrasal verb is suitable to apply in the sentence.
90. There was no sign indicating that the cottage had been _____, yet the owner was sure his precious paintings had been stolen.
 1) Broken off 2) broken for 3) broken into
 4) broken away 5) broken with

QUANTITATIVE APTITUDE

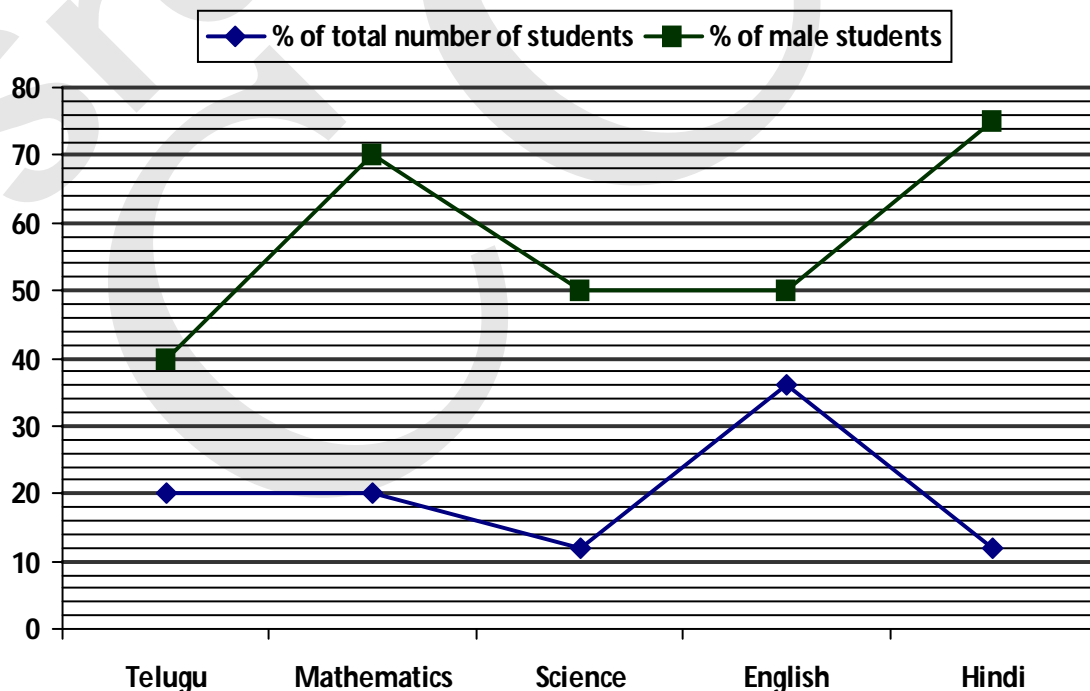
91. There are two mixtures of X and Y of wine and water. Sum of wine in mixture X and mixture Y is 160lit. When 55% of mixture Y is mixed with X then total quantity of mixture becomes 208.85 lit. Ratio of wine and water in mixture Y is 5:4 respectively and mixture X contains 50 lit. Of water. Find the quantity of 32% mixture of X.
 1) 20.8L 2) 22.1L 3) 30.4L 4) 32.6L 5) 36.8L
92. Prabha and Usha entered into a partnership with investment Rs. (n+200) and Rs. n. After 4 months Prabha withdrew Rs.200 and Usha invest Rs.150 more. At the end of the year profit sharing ratio of Prabha and Usha is 11: 12. Find the value of $\frac{7}{5}$ th of n.
 1) 300 2) 340 3) 360 4) 400 5) 420
93. A boat takes 3 hours more to cover 'D' km in upstream to downstream. Speed of stream is 6 km/h and speed of boat in still water is $166\frac{2}{3}\%$ more than speed of current. Find the time to cover 1.6 D km in upstream.
 1) 7.2 2) 8.8 3) 8.4 4) 7 5) 6.5
94. Breadth of a rectangle is $\frac{1}{3}$ th side of square and area of square is 576 cm². If length of a rectangle is 250% of its breadth, then find the area of rectangle.
 1) 160 cm² 2) 164 cm² 3) 90 cm² 4) 60 cm² 5) 180 cm²
95. Rao invested Rs.1650 at R% simple interest for 2 years and Rs.1200 at (R+3) % for 3 years. If total interest received by him is Rs.936. find the interest received by him if he invested Rs.3750 at (R+8) % for 3 years at Compound Interest.
 1) 2411.37 2) 2569.35 3) 2730 4) 1953.8 5) 3574.21
96. The ratio of the number of days taken by Arul, Subbu and Komara to complete a work is 4:6:7 respectively. If the number of days taken by Subbu alone to complete the work is 10 days less than the total number of days taken by Arul and Komara, then in how many days all together can complete the whole work.
 1) $\frac{335}{94}$ 2) $\frac{336}{95}$ 3) $\frac{335}{93}$ 4) $\frac{168}{47}$ 5) $\frac{168}{57}$

97. 60 women can complete a piece of work in 24 days. After 18 days from the start of the work, some women left. If the remaining work was completed by the remaining women in 18 days, then how many women remaining after 18 days from the start of the work?
 1) 40 2) 24 3) 18 4) 45 5) 20
98. A tank is $\frac{9}{14}$ th full. Pipe 1 can fill the same tank full in 21 minutes and pipe 2 can empty the same full tank in 28 minutes. If both pipes open together in how many minutes tank will be fully filled or will get empty?
 1) 21 2) 28 3) 30 4) 36 5) 40
99. Kumara spent 24% of his monthly salary on rent, 20% of the remaining salary on Food. If from the remaining salary, ratio of amount spent on travelling to saving is 5: 7 and difference between amount spent on house rent and saving is Rs.2408, and then find salary of Kumara for 4 months?
 1) 54000 2) 72000 3) 66000 4) 108000 5) 84000
100. The Length of Vishaka Express train is 220 meters and the length of Godavari Express is 'b+60' meters and Vishaka Express and Godavari express crosses a signal pole in 11 sec and 20 sec respectively, then find the time taken by Vishaka Express to cross Godavari express, when both trains are running in same direction if ratio of speed of Vishaka Express train to Godavari express is 4: 3?
 1) 90 sec 2) 104 sec 3) 108 sec 4) 110 sec 5) 120 sec

Direction (101-105): Study the following information carefully and answer the given questions.

The following line graph shows the percentage of students studying masters in a particular subject, and the percentage of male students in respective subject.

Total number of students = 300

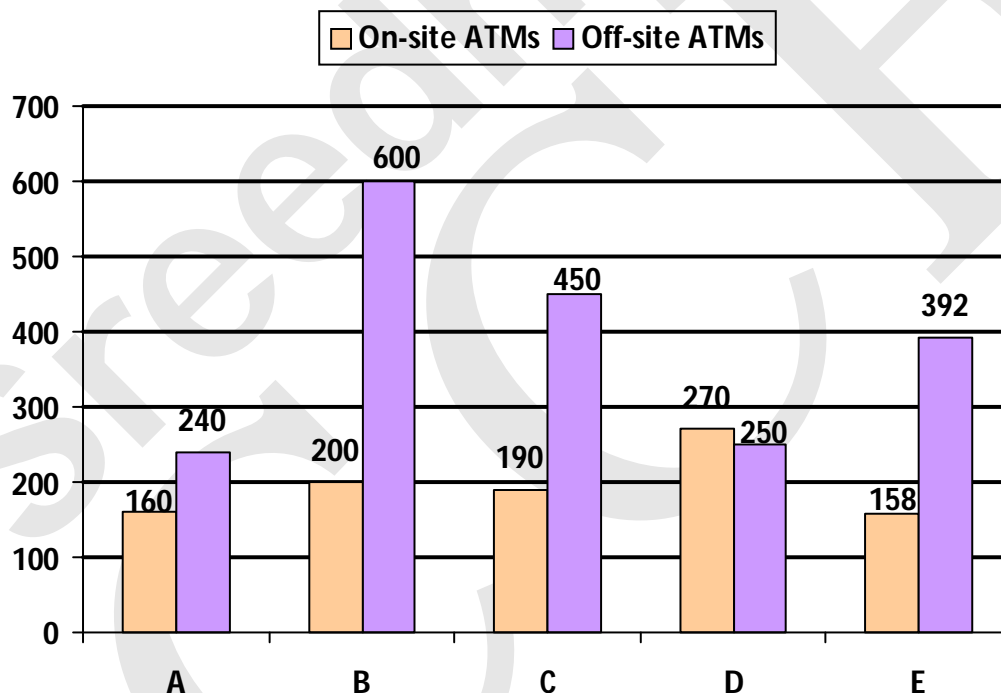


101. How many more male students studying mathematics than students studying science?
 1) 10 2) 5 3) 6 4) 4 5) 8

102. Number of males studying English is **approximately** what percentage more than the number of males studying mathematics?
 1) 29% 2) 37% 3) 17% 4) 9% 5) 31%
103. If 25% of females studying Telugu went on to study Hindi, then what will be the new ratio of number of females studying mathematics to that studying Hindi?
 1) 3: 5 2) 2: 1 3) 1: 1 4) 5: 2 5) 4:3
104. The number of male students of mathematics and Science together is **approximately** what percent of the number of students of English?
 1) 56% 2) 68% 3) 47% 4) 39% 5) 71%
105. Total number of female students studying in all subjects is what percentage of total students studying in all subjects?
 1) 37.5% 2) 45% 3) 50% 4) 66.67% 5) 72%

Direction (106-110): Study the following information carefully and answer the given questions.

The bar graph given below shows the two different types of ATMs (On-site and Off-site) in five different Cities.



In the Off-site ATMs include two types' i.e White label and Brown label ATMs. The percentages of White label ATMs are in the respective cities are 45%, 60%, 56%, 46% and 25%

106. What is the ratio of On-site ATMs in city A to Brown label ATMs in city A?
 1) 40: 33 2) 30:23 3) 15: 14 4) 8:7 5) 11:13
107. Find the difference between the number of White label ATMs in all cities together and the number of Brown label ATMs in all cities together?
 1) 22 2) 180 3) 98 4) 115 5) 66
108. The white label ATMs in city D is what percentage of total ATMs in that city?
 1) 60% 2) 56.75% 3) 117.50% 4) 22.11% 5) 17.75%

109. The On-site ATMs in city A, C and D together is how many less than the Off-site ATMs in city B, C and E together?
 1) 905 2) 715 3) 822 4) 910 5) 864
110. Find the average number of total ATMs in all the five cities?
 1) 618 2) 582 3) 512 4) 430 5) 640

Direction (111-115): Read the information given below and answer the following questions.

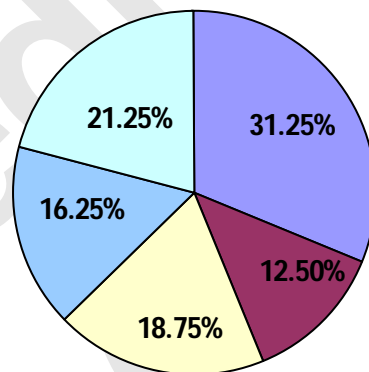
The given pie chart shows the distribution of the total number of vehicles sold and the line graph shows the percentage of number of EV vehicles sold out of the total number of vehicles of five different companies TATA, MG, KIA, Mahindra and Jeep.

Note:

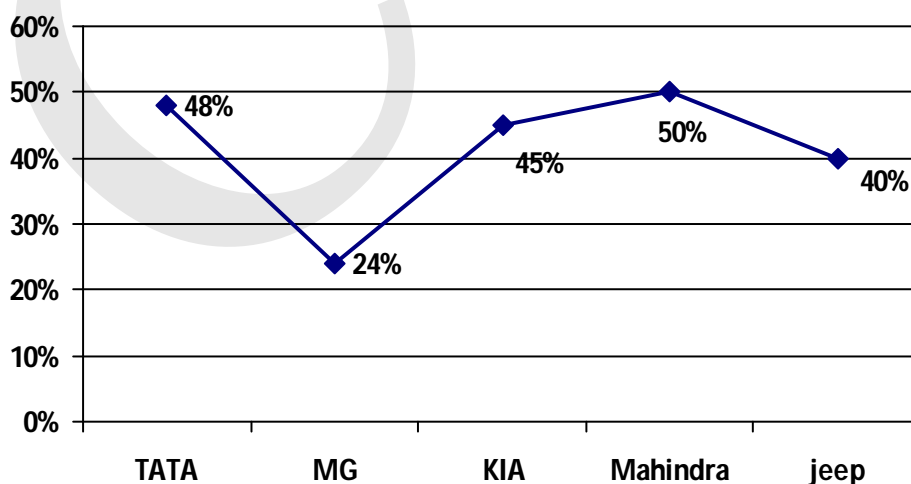
Total number of vehicles = Number of EV vehicles sold + Number of non-EV vehicles sold

Total number of vehicles sold by company MG is 1000

Percentage of total number of vehicles sold



Percentage of number of EV vehicles sold



111. Find the difference between total number of KIA and Jeep sold together and the number of non-EV vehicle sold by MG?
 1) 2150 2) 1640 3) 2440 4) 1950 5) 2280

112. Find the average number of non-EV vehicles sold by TATA and KIA companies?
1) 842.5 2) 1062.5 3) 1152.5 4) 985.2 5) 1248.2
113. If 25% of the number of Jeep sold EV vehicles and 50% of the number of Jeep sold non-EV vehicles were sold to males. Find the number of Jeep vehicles sold to females?
1) 720 2) 840 3) 1140 4) 950 5) 1020
114. The ratio of the number of KIA sold EV vehicles to the number of Audi sold non-EV vehicles is 9:4. If the number of Audi EV vehicles sold is 20% less than that of non-EV vehicles, then find the difference between the number of Audi EV vehicles and the number of Mahindra EV vehicles sold?
1) 410 2) 360 3) 465 4) 500 5) 580
115. 65% of number of MG sold non-EV vehicles is what percent of number of Mahindra sold non-EV vehicles?
1) 52% 2) 45% 3) 64% 4) 76% 5) 85%

Direction (116-120): In the question, two quantities I and II are given. You have to solve both quantities to establish the correct relation between Quantity-I and Quantity-II and choose the correct option.

116. A and B together can complete a work in 20 days, B and C together can complete a work in 12 days and C and A together can complete a work in 24 days.

Quantity I: If efficiency of A increases by 400%, then find the time taken by A alone to do the same work.

Quantity II: If efficiency of C increases by $33\frac{1}{3}\%$, then find the time taken by C alone to do the same work.

- 1) Quantity I > Quantity II 2) Quantity I < Quantity II
3) Quantity I ≤ Quantity II 4) Quantity I ≥ Quantity II
5) Quantity I = Quantity II or No relation
117. Find the cost price of an article, if the selling price of an article is Rs. 5000.
Quantity I: A shopkeeper marked an article above Rs. 2250 its cost price and discount offered by shopkeeper is 20%.
Quantity II: The ratio of selling price of an article to that of marked price is 2:3. The difference between marked price and cost price of an article is 87.5% of cost price.
- 1) Quantity I > Quantity II 2) Quantity I < Quantity II
3) Quantity I ≤ Quantity II 4) Quantity I ≥ Quantity II
5) Quantity I = Quantity II or No relation
118. **Quantity I:** Find the amount received when Rs. 2400 is invested at 40% p.a. simple interest for 3 years.

Quantity II: A and B started a business by investing Rs. 1500 and Rs. 2000, respectively. After 4 months A added Rs. 900 to his initial investment and B withdrew Rs. 800 from his initial investment. At the end of the year, if the profit received by B is Rs. 4400 then find the profit received by A.

- 1) Quantity I > Quantity II 2) Quantity I < Quantity II
3) Quantity I ≤ Quantity II 4) Quantity I ≥ Quantity II
5) Quantity I = Quantity II or No relation

119. **Quantity I:** Some amount is distributed among three persons A, B and C in the ratio of 5:8:12, respectively. Find the difference between amounts received by A and B, such that difference between amounts received by A and C is Rs. 2100.

Quantity II: Rs. 1250.

- 1) Quantity I > Quantity II 2) Quantity I < Quantity II
 3) Quantity I ≤ Quantity II 4) Quantity I ≥ Quantity II
 5) Quantity I = Quantity II or No relation
120. **Quantity I:** $(2x - 9)^2 = 0$
- Quantity II:** The ratio of speed of a boat in still water to speed of stream is 9:5. The boat travelled for 'x' hours in upstream and for 6 hours in downstream. If the total distance covered by the boat is 348 km and speed of stream is 15 km/hr, then find the value 'x'. (Note: Distance covered by the boat in upstream < distance covered by the boat in downstream)

- 1) Quantity I > Quantity II 2) Quantity I < Quantity II
 3) Quantity I ≤ Quantity II 4) Quantity I ≥ Quantity II
 5) Quantity I = Quantity II or No relation

Direction (121-125): The table shows the number and percentage of shirts of Allen solly, Louis philippe and other brands sold by five shops in December 2021. Total number of shirts sold = Number of Allen solly shirts sold + number of Louis philippe shirts sold + number of shirts sold other brands.

Shop	Number of shirts sold of other brands	% of Shirts sold of Allen solly	% of Shirts sold of Louis philippe
A	2340	30%	5%
B	2640	25%	15%
C	2090	50%	12%
D	1920	15%	25%
E	2450	40%	10%

121. The total number of shirts sold by shop A and shop B together is what percentage of the total number of shirts sold by shop D?
- 1) 250% 2) 300% 3) 100% 4) 400% 5) 550%
122. What is the difference between the total number of shirts sold of Allen solly by shop B and C together to the total number of shirts sold of Louis philippe by Shop A and Shop D together?
- 1) 3450 2) 2870 3) 2250 4) 2500 5) 2960
123. If out of total number of shirts sold by shop B is 5% are slim fit and the ratio of the total number of slim fit shirts sold of Allen solly and Louis philippe together to that of the total number of slim fit shirts sold of other brands is 5: 6, then find the total number of slim fit shirts sold of other brands by shop B?
- 1) 180 2) 160 3) 120 4) 150 5) 300

124. The total number of shirts sold of Allen solly and Louis philippe together by shop C is **approximately** what percentage more than that of the total number shirts by Allen solly and Louis philippe together by shop E?
 1) 60% 2) 30% 3) 25% 4) 40% 5) 75%
125. In January 2022, the total number of shirts sold by shop D is increased by 20% from the previous month and the total number shirts sold of Louis philippe by shop D is 1040. Then find the total number of shirts sold of Allen solly and other brands by shop D in January 2022?
 1) 3200 2) 2450 3) 2250 4) 3600 5) 2800
126. The sum of the Perimeters of a Square wall and Rectangular wall is 360 cm and the cost of painting the Rectangular wall at the rate of 3.5 per/cm² is Rs.8400. If the ratio of the length and breadth of Rectangler wall is 3:2 respectively, find the cost of painting the square wall at the rate of 2.5 per/cm²?
 1) Rs. 5000 2) Rs. 4500 3) Rs. 4000 4) Rs. 6000 5) Rs. 7500
127. Radha lent a particular sum at 12% per annum at simple interest to her friend and her friend returned an amount of Rs 12,672 after one year. For the next year Radha charged simple interest at 8% per annum and her friend paid all his debt. If ratio of interest in first year to that of in second year is 12:5 then find the sum?
 1) Rs.14400 2) Rs.25600 3) Rs.28400 4) Rs.32500 5) Rs. 19600

Direction (128-130): Read the following information carefully and answer the questions given below:

There are three classes A, B and C. Number of boys in class A is equal to the number of boys in class C. Number of girls in class A is 200 more than the number of boys in class A. The number of girls in class C is twice the number of boys in class C. The number of boys in class B is 300 more than the number of boys in class A. The number of girls in class B is three times the number of boys in class A. The difference between the number of boys in class A and the number of girls in class C is 200.

128. Number of boys in class A are how much percent more or less than the number of boys in class B?
 1) 75% 2) 70% 3) 60% 4) 45% 5) 30%
129. Find the difference between the total number of boys and the total number of girls in all the classes?
 1) 300 2) 200 3) 150 4) 500 5) 400
130. The number of girls in class A and B together is how much more or less than the number of boys in class A and B together?
 1) 100 2) 300 3) 150 4) 200 5) 280

Direction (131-135): Solve the quadratic equations and mark your answer according to the question.

131. $x^3 + 13x^2 + 32x + d = 0$, where one of the roots of the equation is -1
 Find the remaining roots of the equation?
 1) 10, 2 2) 5, 2 3) -10, 2 4) -10, -2 5) -5, -2
132. $x^3 - 7x^2 + 4x + d = 0$, where one of the roots of the equation is -1.
 Find the remaining roots of the equation?
 1) 3, 2 2) 6, 2 3) -6, 2 4) -3, -2 5) -4, -3

133. $x^3 - 5x^2 - 2x + d = 0$, where one of the roots of the equation is -2.

Find the remaining roots of the equation?

- 1) 3, 4 2) 4, 2 3) -6, 2 4) -3, -6 5) -4, -3

134. $2x^3 + 3x^2 - 11x - d = 0$, where one of the roots of the equation is 2

Find the remaining roots of the equation?

- 1) $\frac{-3}{2}, \frac{-1}{2}$ 2) 6, 2 3) -3, $\frac{-1}{2}$ 4) -3, -6 5) 2, $\frac{-3}{2}$

135. $10x^3 + 11x^2 - 2x - d = 0$, where one of the roots of the equation is -1

Find the remaining roots of the equation?

- 1) $\frac{-3}{5}, \frac{1}{2}$ 2) 6, 5 3) $\frac{-3}{5}, \frac{-1}{2}$ 4) -6, 1 5) 5, $\frac{-6}{5}$

Direction (136-140): What **approximate** value will come in place of the question mark (?) in the given question? (You are not expected to calculate exact value)

136. $83.25\% \text{ of } 3600 \div 12.47 = ? - 4 \times \sqrt{1369}$

- 1) 597 2) 497 3) 388 4) 427 5) 327

137. $5759.65 \div 35.86 + 14.91 \times (4.212)^2 = ?$

- 1) 200 2) 100 3) 400 4) 600 5) 500

138. $(11.92)^3 \times (6.32)^4 \div 431.79 = ?$

- 1) 6780 2) 6122 3) 5184 4) 5332 5) 5681

139. $124.88 + 60.02 \times 1.97 - 22.96 \times 9.86 = ?$

- 1) 12 2) 9 3) 15 4) 21 5) 28

140. $(17.97\% \text{ of } 5235.79) \div ? = (124.97\% \text{ of } 5.09)$

- 1) 151 2) 131 3) 141 4) 121 5) 111

REASONING

Direction: (141-144) Study the following information carefully and answer the question given below.

Eight children - L, M, N, O, P, Q, R and S are sitting around a circular table. Each of them has different number of chocolates (1, 2, 3, 4, 5, 6, 7 and 8). Children, who have even number of chocolates, face outside while others face towards the centre.

L is sitting 2nd to the right of M, who faces outside. O sits 3rd to the left of the child, who has 8 chocolates. S sits 2nd to the left of O. Child, who has 2 chocolates, sits adjacent to S. Child, who has 8 chocolates, sits opposite to P. M doesn't have 4 chocolates. P sits adjacent to L. Q sits immediate right of the child, who has 6 chocolates. N has lesser chocolates than R. One child sits between N and the child, who has 1 chocolate. Child, who has 7 chocolates, sits immediate left of the child, who has 4 chocolates. S has more chocolates than O.

141. ____ sits third to the right of the child, who has 3 chocolates?

- 1) Q 2) L 3) R 4) M 5) P

142. L sits ____ to the right of the child, who has 5 chocolates?

- 1) Second 2) Third 3) Fourth 4) Fifth 5) Immediate

143. Q has ____ chocolates more than the child, who sits second to the left of R?
1) Two 2) Five 3) Three 4) Four 5) One
144. What is the position of N with respect to the child, who has 1 chocolate?
1) Second to the right 2) Third to the right 3) Immediate left
4) Fourth to the right 5) Second to the left
145. In the following question, two statements numbered I and II are given. There may be cause and effect relationship between the two statements. These two statements may be the effect of the same cause or independent causes. These statements may be independent causes without having any relationship. Read both the statements in each question and mark your answer.

Statements:

I. Rural and semi-urban areas in the country have been suffering due to load shedding for quite some time.

II. If the Government is not able to overcome the power crisis, load shedding will be extended even to the urban areas.

- 1) Statement I is the cause and statement II is its effect
2) Statement II is the cause and statement I is its effect
3) Both the statements I and II are independent causes
4) Both the statements I and II are effects of independent causes
5) Both the statements I and II are effects of some common cause
146. In the following question contains a small paragraph followed by a question on it. Read the paragraph carefully and answer the question given below it.
Satisfaction with co-workers, promotion opportunities, the nature of work, and pay goes with high performance among those with strong growth needs. Among those with weak growth needs, no such relationship is present and in fact, satisfaction with promotion opportunities goes with low performance.
This passage best supports the statement that:
1) Satisfaction is an inevitable organisational variable.
2) Job satisfaction and performance are directly and closely related.
3) Relationship between job satisfaction and performance is moderated by growth need.
4) Every organisation has few employees having weak growth need.
5) High performance is essential for organisational effectiveness.

Direction: (147-151) Study the following information carefully and answer the question given below.

Eight boxes — A, B, C, D, E, F, G and H were placed in a rack of eight shelves. The bottom shelf was numbered 1 and the topmost shelf was numbered 8. Each of these boxes contained different amount of salt — 25 kg, 20 kg, 17 kg, 10 kg, 8 kg, 5 kg, 2 kg and 1 kg but not necessarily in the same order.

Box G was placed at one of the even numbered shelves and contained 17 kg of salt. The box which was placed on 6th shelf contained 10 kg of salt. Box B was placed immediately below the box which contained 8 kg of salt and immediately above the box which contained 2 kg of salt. Box C was not the lightest and Box F was the heaviest. Box C was placed above the shelf on which Box F was placed but not on the even numbered shelf. Box A contained 20 kg of salt and was placed

either at the top or bottom shelf. There are three boxes between Box F and Box D and Box D was placed below the shelf on which Box F was placed. E was placed immediately above the box which was heaviest.

147. How many boxes are there in between the box which is the lightest and Box F?
 1) More than three 2) Three 3) None
 4) Two 5) One
148. What was amount of salt contained by Box D?
 1) 1 kg 2) 5 kg 3) 2 kg 4) 8 kg 5) 10 kg
149. Four of the following five are alike in a certain way and hence form a group. Which of the following one that does not belong to that group?
 1) Box C 2) Box H 3) Box E 4) Box D 5) Box F
150. Which of the following statement(s) is/are **TRUE** as per the given arrangement?
 1) Box E is placed on odd numbered shelf.
 2) Number of boxes placed below Box G is equal to that of above Box C.
 3) Amount of salt contained by Box H is 2 kg less than that of Box E.
 4) Both (1) and (2) 5) Both (2) and (3)
151. ____ amount of salt contained by Box ____ which is placed immediately above Box E?
 1) C – 5 kg 2) F – 5 kg 3) C – 1 kg 4) F – 8 kg 5) H – 8 kg

Direction: (152-155) Study the following information carefully and answer the question given below.

P%Q (10) - P is 8m in South of Q

P\$Q (15) - P is 13m in North of Q

P#Q (12) - P is 14m in West of Q

P&Q (14) - P is 16m in East of Q

A%B (26), A#C (5), B&D (13), D\$E (34), F&A (15)

152. B is in which direction with respect to F?
 1) North 2) West 3) North-West 4) North-East 5) South-East
153. What is the shortest distance between B and C?
 1) 27m 2) 22m 3) 25m 4) 17m 5) 24m
154. What is the direction of E with respect to C?
 1) North 2) West 3) South-West 4) North-East 5) South-East
155. What is the shortest distance between E and A?
 1) 17m 2) 15m 3) 8m 4) 10m 5) 12m

Direction: (156-160) Study the following information carefully and answer the question given below.

Eight persons – L, M, N, O, P, Q, R and S are sitting in a straight line facing North. Each of them went to tour in different months viz. January, February, March, April, May, June, July and August but not necessarily in the same order.

L is sitting third to right of O. Only one person sits between L and the one who went to tour in the month which has 30 days. S sits third to left of the one who went to tour in April month. M sits third to left of the one who went to tour in June month. More than two persons sit between O and R. R sits left of O. S and M are not immediate neighbour of O. Q went to tour in the month which has less than 30 days. Q is not immediate neighbour of O. The one who went to tour in January sits third to left of the one who went to tour in April. The one who went

to tour in March sits second to right of the one who went to tour in January. The one who went to tour in July sits second to right of N. Immediate neighbour of P does not go to tour in the month of August.

156. How many persons went to tour between N and the one who went to tour in the month of May?
1) Two 2) One 3) Three 4) None 5) Four
157. ____ sits second to the left of the one who sits immediate right of the one who went to tour in the month of June?
1) The one who went to tour in March 2) N
3) The one who went to tour in February 4) O 5) Both (3) and (4)
158. Four of the following five are alike in a certain way and hence form a group. Which of the following one that does not belong to that group?
1) P 2) R 3) N 4) S 5) L
159. Which of the following statement (s) is/are **TRUE** regarding R?
I. R sits second to the left of the person who went to tour in May
II. R went to tour in the month of August
III. R sits at an extreme left end of the straight line
1) Only I 2) Both I and II 3) Only III
4) All (I), (II) and (III) 5) Both (II) and (III)
160. How many persons are sitting in between the one who went to tour in February and M?
1) Four 2) Three 3) One 4) Two 5) More than four
161. 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 courses of action logically follow(s) for pursuing.
Statement: A large number of engineering graduates in the country are not in a position to have gainful employment at present and the number of such engineers is likely to grow in the future.
Courses of Action:
I. The government should launch attractive employment generation schemes and encourage these graduates to opt for such schemes to use their expertise and knowledge effectively.
II. This happened due to proliferation of engineering colleges in the country and thereby lowered the quality of the engineering graduates. Those colleges which are not equipped to impart quality education should be closed down.
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

162. Each question given below consists of a statement, followed by two arguments numbered I and II. You have to decide which of the arguments is/are a 'strong' argument and which is/are a 'weak' argument.

Statement: Should India give away Kashmir to Pakistan?

Arguments:

I. No. Kashmir is a beautiful state. It earns a lot of foreign exchange for India.

II. Yes. This would help settle conflicts.

- 1) Only argument I is strong 2) Only argument II is strong
3) Either I or II is strong 4) Neither I nor II is strong
5) Both I and II are strong

Direction: (163-165) Study the following information carefully and answer the question given below.

Five students – P, Q, R, S and T are there in a classroom. The one who is the shortest is the eldest. S is just taller than T but younger than him. There are only two people taller than P. Q is the youngest. There are only two people younger than S. T is not the shortest.

163. If the five men are made to stand in a line according to the height, first in ascending order from left to right, then in descending order from left to right, then whose position will remain the same in both the arrangements?
1) R 2) P 3) T 4) S 5) Q
164. Who among the following is the eldest student in the classroom?
1) Q 2) S 3) P 4) R 5) T
165. Number of persons shorter than T is same as number of persons elder to ____?
1) P 2) R 3) T 4) S 5) Q

Direction: (166-169) Study the following information carefully and answer the question given below.

A number arrangement machine when given an input line of numbers rearranges them following a particular rule in each step. The following is an illustration of an input and rearrangement steps.

Input: 48 27 81 93 76 19 35 85

Step 1: 10 48 27 81 76 35 85 06

Step 2: 09 10 48 81 76 35 06 03

Step 3: 08 09 10 48 76 06 03 07

Step 4: 12 08 09 10 06 03 07 01

Step 5: 01 03 06 07 08 09 10 12

And step 5th is the last step of the above input as the desired arrangement is obtained. As per the rules followed in the above steps, find out in the following questions the appropriate step for the given input.

Input: 84 55 72 18 39 67 91 58

166. In step 1, if 67 is related to 08 and in a similar way 58 is related to 04 in step 2, then in step 4, 12 is related to ____?
1) 04 2) 13 3) 08 4) 55 5) 67
167. Which number is second to the left of the fifth number from the right in the penultimate step?
1) 04 2) 12 3) 05 4) 10 5) 13

168. Complete the following series based on the arrangement in step 3?
 09 67 58 —
 1) 08 2) 04 3) 05 4) 72 5) 12
169. What is sum of the number which is second to the left end in step 5 and the number which is third to the right end in step 4?
 1) 08 2) 18 3) 12 4) 16 5) 09

Direction: (170-174) Study the following information carefully and answer the question given below.

Seven persons - G, R, F, P, Q, H and L live on different floors in the same building such that the building has seven floors from 1 to 7 in such way that ground floor is numbered as 1, the above floor is numbered as 2 and so on. The topmost floor is numbered as 7. Each one of them speaks different languages i.e. English, Tamil, French, Telugu, Urdu, Malayalam and Hindi but not necessarily in the same order.

P lives on fifth floor. As many floors above R's floor is same as many floors below the floor on which one who speaks Malayalam lives. R does not speak Malayalam. H lives on a floor above the floor on which one who speaks Malayalam lives. F lives on a floor which is immediately above the floor of the one who speaks Tamil. Number of floors above F is one less than number of floors below the floor of one who speaks Telugu. Two persons live between the floors of P and the one who speaks Urdu. P does not speak Telugu. The one who speaks Hindi lives on a floor above the floor on which the one who speaks French lives. Only one person lives between the floors of H and the one who speaks Malayalam. Three persons live between the floors of Q and the one who speaks English. L lives on a floor below the floor on which G lives.

170. How many persons live between the floors of L and the one who speaks French?
 1) One 2) Three 3) Two 4) Four 5) Five
171. Who amongst the following person speaks Telugu?
 1) G 2) Q 3) H 4) F 5) R
172. If R is related to Hindi, P is related to Tamil and then G is related to which of the following?
 1) Urdu 2) Malayalam 3) English 4) French 5) Tamil
173. Four of the following five are alike in a certain way and hence form a group. Which of the following one that does not belong to that group?
 1) R 2) The one who speaks Tamil 3) H
 4) The one who speaks Malayalam 5) Q
174. L speaks which of the following language?
 1) Tamil 2) Urdu 3) Hindi 4) Malayalam 5) French

Direction: (175-178) Study the following information carefully and answer the question given below.

In a certain code language,

Police Clash Again With - @E6 #H5 \$N5 %H4

Deeper Scrutiny Before Penalty - &R6 *Y8 ^E6 @Y7

Special Council Will Decide - *L7 #L7 %L4 &E6

Cheaper Access Benefit People - #R7 \$S6 ^T7 @E6

175. What is the code for the word 'Comfort'?
- 1) #T7 2) @T7 3) #R6 4) \$R6 5) *C8

176. The code '@T3' denotes which of the following word?
 1) Pan 2) Due 3) Pale 4) Put 5) Ban
177. According to the given code word, what will be the code for 'Promise Would Fulfil Dreams'?
- 1) @E7 %D5 ~L6 &S6 2) *E7 ^D5 &N6 \$S6 3) &E7 \$D5 %N6 @S6
 4) #S7 %L5 %N7 &S8 5) @E6 %D4 \$N5 &S5
178. '#' denotes which letter of the given words?
 1) P 2) C 3) W 4) D 5) S

Direction: (179-182) Study the following information carefully and answer the question given below.

Seven females – A, B, C, X, P, Q and R buy seven different colours to celebrate Holi i.e. Green, Red, Orange, Yellow, Blue, Pink and White in a shop one after another (but not necessarily in the same order). One person buys one colour in the shop.

Four persons buy colours between A and the one who buys Green colour. The one who buys Red colour buys immediately after the one who buys Green colour. Two persons buy colours between X and the one who buys Green colour. Q buys immediately after X. B buys a colour immediately after the one who buys Pink colour. Two persons buy colours between the one who buys Red colour and the one who buys Blue colour. P buys Orange colour. White colour was bought immediately after A bought. Two persons buy colours between the one who buys Orange colour and the one who buys Pink colour. R buys a colour before C.

179. Who amongst the following buys Yellow colour?
 1) X 2) P 3) C 4) A 5) R
180. Which of the following statement(s) is/are **TRUE** as per the given arrangement?
 1) The one who buys Pink colour is immediately before the one who buys Blue colour.
 2) More than two persons buy colours in between R and X.
 3) P buys Orange colour but not after R buys.
 4) X buys Yellow colour. 5) Both (3) and (4)
181. Number of female buy after the one who buys Green colour is equal to that of before ____?
 1) The one who buys Pink colour 2) B
 3) The one who buys White colour 4) C 5) Both (2) and (3)
182. How many females buy colours before the one who buys Blue colour?
 1) Three 2) Two 3) Four 4) One 5) Five

Direction (183-186): Study the following information carefully and answer the questions given below.

A meaningful nine letter word is going to be formed. No two letters of this word are same. It is known that, V is at the fourth from the left end. Only two letters are in between the letters of V and U. The number of letters are to the left of U is same as number of letters are to the right of L. S is second to the left of L. Only three letters are in between the letters of S and I. R is immediate right of E. A is to the right of N which is not an immediate letter of S.

183. What is the position of E with respect to A?
 1) Second to the right 2) Third to the right 3) Immediate left
 4) Fourth to the right 5) Third to the left

184. Which of the following statement(s) is/are **TRUE** as per the meaningful word?
 1) R is not an immediate letter of S.
 2) Only two letters are in between the letters of E and U.
 3) The number of letters placed before V is same as after R.
 4) R is placed at the last in the word. 5) E is placed at the left of U.
185. How many such pairs of letters are there in the given word as per the arrangement each of which has as many letters between them in the word in forward and backward direction as in the English alphabetical series?
 1) One 2) Two 3) Three 4) Four 5) None
186. Which letter is fourth to the left of the letter which is an immediate letter of L?
 1) I 2) U 3) V 4) N 5) E
- Direction (187-190):** Study the following information carefully and answer the questions given below.
Rip452 Car467 Gap348 Row299 Bit617
187. If we add 'E' at the end of an each word in the above given words then how many meaningful English words can be formed?
 1) Two 2) One 3) Three 4) None 5) Four
188. If an even digit in each number is added by 1 and an odd digit in each number is subtracted by 1 then what is the difference between the lowest and highest numbers in the above series?
 1) 447 2) 589 3) 418 4) 259 5) 826
189. If we interchange the first letter with the last letter in words which are attached to an even number and we interchange the first letter with the second letter in words which are attached to an odd number then how many meaningful words can be formed?
 1) Two 2) One 3) Three 4) None 5) Four
190. If the words are arranged in alphabetical order from right to left then what is the addition of the numbers which are the second and the third positions from the left end?
 1) 800 2) 790 3) 630 4) 540 5) 920

KEY

1.3	2.5	3.2	4.1	5.4	6.3	7.1	8.2	9.1	10.5	11.3	12.2	13.5
14.1	15.4	16.5	17.3	18.2	19.5	20.2	21.1	22.2	23.3	24.1	25.4	26.5
27.1	28.3	29.2	30.5	31.1	32.4	33.5	34.2	35.1	36.5	37.3	38.2	39.1
40.5	41.2	42.5	43.3	44.2	45.5	46.1	47.5	48.2	49.1	50.4	51.3	52.2
53.1	54.2	55.5	56.1	57.4	58.4	59.2	60.4	61.1	62.4	63.1	64.2	65.3
66.1	67.4	68.3	69.2	70.2	71.4	72.3	73.2	74.2	75.4	76.4	77.1	78.1
79.2	80.1	81.4	82.2	83.3	84.4	85.3	86.5	87.1	88.2	89.5	90.3	91.3
92.5	93.2	94.1	95.3	96.4	97.5	98.3	99.5	100.2	101.3	102.1	103.3	104.1
105.2	106.1	107.5	108.4	109.3	110.2	111.3	112.2	113.5	114.1	115.4	116.1	117.5
118.2	119.2	120.2	121.1	122.2	123.3	124.4	125.5	126.3	127.2	128.3	129.4	130.2
131.4	132.2	133.1	134.3	135.1	136.3	137.3	138.3	139.3	140.1	141.1	142.3	143.2
144.5	145.5	146.3	147.4	148.3	149.3	150.3	151.1	152.3	153.3	154.3	155.1	156.1
157.4	158.3	159.4	160.2	161.2	162.1	163.2	164.4	165.1	166.3	167.4	168.1	169.1
170.3	171.3	172.4	173.5	174.4	175.1	176.4	177.1	178.2	179.1	180.4	181.5	182.3
183.5	184.3	185.4	186.3	187.5	188.1	189.4	190.1					