

SBI PO Pre 2024-25 Memory Based Paper 8-Mar-2025-2nd shift

Q1. Identify the correct sentence from the options given below.

- (a) The scientist, who had spent years researching alternative energy sources, were finally able to develop a highly efficient solar panel.
- (b) Neither of the candidates have the required qualifications to be eligible for the managerial position.
- (c) If the company would have invested in better marketing strategies, it could attract a larger customer base.
- (d) Despite the heavy rainfall, the construction workers continued their tasks, ensuring that the project was completed on time.
- (e) None is correct.

Q2. Identify the correct sentence from the options given below.

- (a) The manager, along with his team members, were invited to the annual business conference held in Singapore.
- (b) Despite facing numerous challenges, the young entrepreneur managed to establish a successful startup within two years.
- (c) The students, who was eagerly waiting for the results, decided to celebrate in advance.
- (d) The scientist, after years of research, have finally discovered a new method to generate renewable energy.
- (e) None is correct

Q3. Identify the incorrect sentence from the options given below.

- (a) The scientist, who has been researching for years, finally published his findings in a renowned journal.
- (b) Neither of the candidates have enough experience to qualify for the senior managerial role.
- (c) Each of the players was given a certificate for their outstanding performance in the tournament.
- (d) The chef, known for his expertise in Italian cuisine, prepares the most delicious pasta dishes in the city.
- (e) None is incorrect

Q4. Identify the incorrect sentence from the options given below.

- (a) The principal, along with the teachers, is responsible for maintaining discipline in the school.
- (b) The doctor advised that the patient take complete rest for a few days to recover fully.
- (c) If the company would have implemented better strategies, it could have achieved higher growth.
- (d) The book, which contains detailed illustrations and explanations, has been recommended by many experts.
- (e) None is incorrect

Directions (5-9): Rearrange the following sentences to form a coherent paragraph.

- (A) The series, which dates back to 1882, has witnessed numerous iconic moments, with both teams fiercely competing for dominance.
- (B) Among the many editions, the fifth-largest Ashes game in terms of audience and significance was a testament to the intensity of this historic battle.

(C) The thrilling contest not only showcased the exceptional skills of players but also reinforced the legacy of the Ashes as a premier cricketing spectacle.

(D) This particular match saw breathtaking performances from both sides, keeping fans on the edge of their seats.

(E) With legendary cricketers delivering memorable innings and decisive bowling spells, the match went down in history as one of the most unforgettable encounters in the Ashes saga.

(F) The Ashes cricket series between Australia and England is one of the most celebrated rivalries in the sport's history.

Q5. Which of the following is the **FIRST** sentence after rearrangement?

- (a) A
- (b) B
- (c) F
- (d) D
- (e) E

Q6. Which of the following is the **SECOND** sentence after rearrangement?

- (a) A
- (b) F
- (c) C
- (d) D
- (e) E

Q7. Which of the following is the **FIFTH** sentence after rearrangement?

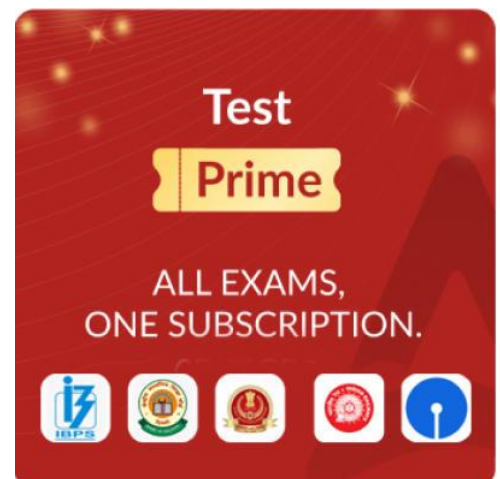
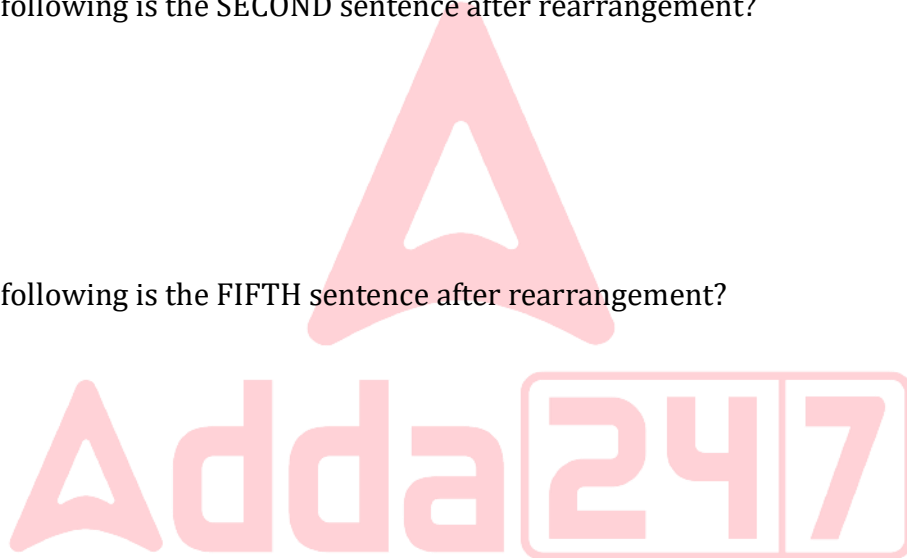
- (a) A
- (b) C
- (c) F
- (d) D
- (e) E

Q8. Which of the following is the **LAST** sentence after rearrangement?

- (a) A
- (b) B
- (c) C
- (d) D
- (e) E

Q9. Which of the following is the **THIRD** sentence after rearrangement?

- (a) A
- (b) B
- (c) C
- (d) D
- (e) E



Directions (10-18): Read the following passage and answer the given questions.

The latest retail inflation data once again highlights the **continuous** volatility in food prices, which continues to impact overall inflation and economic growth, particularly personal consumption. In February, the Consumer Price Index (CPI) remained almost unchanged from the previous month at 5.09%. However, food inflation, measured by the Consumer Food Price Index, rose by 36 basis points to 8.66%. Among food items, vegetable prices remained the most concerning, with inflation in this category surging to 30.3% year-on-year—an increase of 315 basis points from January. Cereal inflation, the most significant component in the food index, remained high at 7.6%, only slightly lower than January's 7.83%.

The widely consumed potato-onion-tomato group _____ vegetable inflation. Potato prices, which had declined by nearly 2% in January, shot up to 12.4% inflation. Onion prices surged by 22.1%, while tomato inflation rose by nearly 400 basis points to reach a six-month high of 42%. Data from the Department of Consumer Affairs' daily monitoring dashboard indicates no relief, with average retail prices of potatoes, onions, and tomatoes as of March 14 being 21.3%, 41.4%, and 35.2% higher, respectively, compared to a year ago.

Despite government interventions, such as a three-month-old ban on onion exports, prices remain stubbornly high. The outlook remains grim, with onion production in the 2023-24 horticulture year expected to decline by over 15.6% and potato production estimated to drop by nearly 2%, as per the Ministry of Agriculture's First Advance Estimates released on March 7. Additionally, water storage levels at 150 reservoirs were at 40% of capacity as of March 14, lagging behind both the 10-year average and last year's levels. This shortfall is particularly severe in the southern region, where the deficit is 29%.

Reserve Bank of India Deputy Governor Michael Patra recently warned that high food inflation is weighing heavily on private consumption, which constitutes 57% of GDP, especially in rural areas. To ensure **balance** in economic growth, inflation must be controlled. With elections approaching, policymakers face the challenge of preventing a worsening economic situation in the coming months by implementing more regulated measures and improving the **handle** of food price stability to ensure economic resilience.

Q10. Which of the following statement/s is/are true based on the information given in the passage?

- (I) The Consumer Price Index (CPI) in February increased significantly compared to the previous month.
 - (II) The Ministry of Agriculture's First Advance Estimates suggest that onion production in the 2023-24 horticulture year is expected to decline by over 15.6%.
 - (III) Water storage levels in 150 reservoirs as of March 14 were above both the 10-year average and last year's levels.
- (a) Only (I)
 - (b) Both (I) and (II)
 - (c) Only (III)
 - (d) Both (I) and (III)
 - (e) Only (II)

Q11. Which of the following words is the best synonym for "continuous" as used in the passage?

- (a) Intermittent
- (b) Persistent
- (c) Temporary
- (d) Sporadic
- (e) Occasional

Q12. Which of the following statements correctly summarizes the government's response to food inflation?

- (a) The government has imposed price controls on essential food items.
- (b) A ban on onion exports was introduced to control rising onion prices.
- (c) The government has increased subsidies for farmers to boost food production.
- (d) Direct cash transfers have been provided to consumers to offset rising food prices.
- (e) The government has significantly reduced import duties on vegetables.

Q13. Based on the passage, which factor is most likely to pose a long-term risk to food inflation?

- (a) The immediate rise in onion and tomato prices.
- (b) The decline in water storage levels in reservoirs.
- (c) The increase in the Consumer Price Index (CPI) in February.
- (d) The marginal drop in cereal inflation from January.
- (e) The upcoming elections and policy uncertainty.

Q14. Which of the following statement/s is/are false based on the information given in the passage?

- (I) The potato-onion-tomato group significantly influenced the rise in vegetable inflation.
 - (II) Water storage levels are particularly low in the northern region of India.
 - (III) Private consumption accounts for 57% of GDP, and high food inflation is negatively affecting it, especially in rural areas.
- (a) Only (I)
 - (b) Both (I) and (II)
 - (c) Only (II)
 - (d) Both (I) and (III)
 - (e) Only (III)

Q15. Which of the following words can best replace "handle" in the given passage?

- (a) Process
- (b) Increase
- (c) Reduction
- (d) Disturbance
- (e) Fluctuation

Q16. Based on the passage, which of the following can be inferred about food inflation and its impact on the economy?

- (a) High food inflation is primarily driven by supply-side constraints rather than demand-side factors.
- (b) The decline in water storage levels could contribute to prolonged inflationary pressure in food prices.
- (c) The government's intervention in controlling onion prices has been highly effective in stabilizing inflation.
- (d) Both A and b
- (e) All A, B, C

Q17. Which of the following is most suitable to fill the given blank?

- (a) played a key role to drive
- (b) playing an essential part
- (c) played a key role in driving
- (d) in a crucial role
- (e) regulated in

Q18. Which of the following words is the best synonym for "balance" as used in the passage?

- (a) Stability
- (b) Equality
- (c) Increment
- (d) Fluctuation
- (e) Growth

Directions (19-20): In each question two columns are given, each containing three phrases/sentences. Choose the option that will connect the phrases to form meaningful and correct sentences.

Q19. Match the phrases in Column I with Column II to create a meaningful and correct sentence.

Column I

- A. Through innovation and strategy, the company's
- B. The abrupt collapse of negotiations
- C. Defying the threats of tyranny,

Column II

- D. led to a prolonged deadlock
- E. efforts to expand globally have been successful
- F. the people united to reclaim their freedom

- (a) A-D
- (b) B-D
- (c) C-F
- (d) A-E
- (e) B-D, A-E, C-F

Q20.

Column I

- A. Torn between duty and conscience,
- B. The commander's tactical miscalculation
- C. Struggling to conceal his apprehension,

Column II

- D. caused irreversible damage to the mission.
- E. he was determined
- F. was met with widespread dissent.

- (a) A-F
- (b) B-D
- (c) C-E
- (d) A-E
- (e) Both A-F and C-E

Directions (21-25): In the following passage there are blanks, each of which has been denoted by letters. For each blank, five options are given. Choose the most appropriate word from the options that fits the blank appropriately.

Over the past decade, the global market for superfoods _____ **(A)** rapidly, driven by increasing health awareness. It has gone from 7 value in 2009 to 70 value now. Many of these superfoods are also known for their low glycemic index, making them beneficial for blood sugar control.

While superfoods _____ **(B)** as niche products, they are now widely available. This shift _____ **(C)** how consumer preferences have evolved, favoring natural and organic options.

Companies are making these ingredients more _____ **(D)**, though some argue the term "superfood" is often _____ **(E)** as a marketing strategy rather than a scientific classification. Foods like quinoa, chia seeds, and acai berries have gained immense popularity, while staples such as turmeric, olive oil, cinnamon, and garlic are already found in household kitchens.

Q21. Select the most appropriate option to fill in the blank (A).

- (a) has increase
- (b) has increasing
- (c) has been growing
- (d) had grown
- (e) will grow

Q22. Select the most appropriate option to fill in the blank (B).

- (a) had emerged
- (b) were emerging
- (c) had seen
- (d) have been recognized
- (e) have surfaced

Q23. Select the most appropriate option to fill in the blank (C).

- (a) highlights
- (b) has highlighted
- (c) was highlighting
- (d) had highlighted
- (e) will highlight

Q24. Select the most appropriate option to fill in the blank (D).

- (a) adaptable
- (b) accessible
- (c) widespread
- (d) convenient
- (e) practical

Q25. Select the most appropriate option to fill in the blank (E).

- (a) enhanced
- (b) manipulated
- (c) exaggerated
- (d) substituted
- (e) distorted

Directions (26-29): Which of the following phrases given below the sentence should replace the phrase printed in bold letters to make the sentence grammatically correct? Choose the best option among the five given alternatives that reflect the correct use of phrase in the context of the grammatically correct sentence. If the sentence is correct as it is, mark "No correction required" as the answer.

Q26. The success of the company's project depended **in the ability of the team to collaborate effectively** under pressure.

- (a) on the ability of the team to collaborate effectively
- (b) at the ability of the team to collaborate effectively
- (c) over the ability of the team to collaborate effectively
- (d) for the ability of the team to collaborate effectively
- (e) No correction required

Q27. Every year the organization **honor the achievements of inspiring woman** from various fields.

- (a) honors the achievements of inspiring women
- (b) honor's the achievements of inspiring woman
- (c) honoring the achievements of inspiring women
- (d) has honor the achievements of inspiring woman
- (e) No correction required

Q28. The manager was determined to **carry on the policy** despite strong opposition from employees.

- (a) stick up the policy
- (b) carry out the policy
- (c) hold off the policy
- (d) bring up the policy
- (e) No correction required

Q29. As soon as the announcement was made, the crowd **was disappeared into the alley** before the security arrived.

- (a) had disappeared into the alley
- (b) was disappearing into the alley
- (c) got disappeared into the alley
- (d) disappeared into the alley
- (e) No correction required

Directions (30-33): In each of the questions given below a sentence is given with three words in bold. Choose the option which gives the correct sequence of these words to make the sentence grammatically and contextually correct.

Q30. **Terrain** (A) through the **rugged** (B) trails, battling exhaustion and unpredictable **trekking** (C) the hikers climb higher into the mountains.

- (a) ACB
- (b) CAB
- (c) BAC
- (d) CBA
- (e) No rearrangement required

Q31. The chef skillfully **whipped** (A) a rich and **flavors** (B) sauce, adding just the right amount of herbs to enhance the **creamy** (C) of the dish.

- (a) ACB
- (b) CAB
- (c) BAC
- (d) CBA
- (e) No rearrangement required

Q32. The students **engaged** (A) in a heated **discussion** (B) about the latest **trends** (C) in social media and its impact on mental health.

- (a) BCA
- (b) CAB
- (c) BAC
- (d) ACB
- (e) No rearrangement required

Q33. As the storm grew **control** (A), the sailors struggled to maintain **fiercer** (B) of their boat against the relentless **waves** (C) crashing against them.

- (a) BCA
- (b) CAB
- (c) BAC
- (d) ACB
- (e) No rearrangement required

Directions (34-35): In the question, one word is given in bold and correspondence to that, three sentences are given each containing that word. Choose the option depicting the sentence(s) that have/ has the correct usage of the word.

Q34. RAISE

- (A) The teacher asked the students to **raise** their hands if they knew the answer.
 - (B) The government plans to **raise** new buildings in the city.
 - (C) They worked hard to **raise** funds for the charity event.
- (a) Both A and B
 - (b) Both A and C
 - (c) Only A
 - (d) Only C
 - (e) All A, B, C

Q35. MANAGE

- (A) She was able to **manage** the entire event smoothly despite the last-minute changes.
 - (B) He **managed** to catch the train just before it left the station.
 - (C) The teacher **managed** the students to complete their assignments.
- (a) Both A and B
 - (b) Both B and C
 - (c) Only A
 - (d) Only C
 - (e) All A, B, C

Q36. In the given question, two words are omitted, which are replaced by blanks. Choose the best combination of the words that can fit into the given blank at the same order so to make a grammatically and logically correct statement.

The elderly journalist, now in her 70s, fondly recalled how she once ____ individuals decades ago when people had limited ambitions, whereas now, the youth are brimming with ____.

- (a) questioned, dream
- (b) interviewed, aspirations
- (c) observed, success
- (d) narrated, motivation
- (e) consulted, goals

Q37. In the given question, two words are omitted, which are replaced by blanks. Choose the best combination of the words that can fit into the given blank at the same order so to make a grammatically and logically correct statement.

Every individual is entitled to basic ____, which ensure freedom and dignity, but in many regions, these ____ are still denied.

- (a) human rights, prejudices
- (b) freedoms, opportunities
- (c) right, entitlements
- (d) human rights, protections
- (e) civil liberties, restrictions

Q38. In the given question, two words are omitted, which are replaced by blanks. Choose the best combination of the words that can fit into the given blank at the same order so to make a grammatically and logically correct statement.

The newly launched project aims to ____ innovative methods to improve education, ensuring that students gain ____ knowledge.

- (a) implement, practical
- (b) reject, theoretical
- (c) abandon, comprehensive
- (d) complicate, abstract
- (e) develop, forgettable

Q39. In the given question, two words are omitted, which are replaced by blanks. Choose the best combination of the words that can fit into the given blank at the same order so as to make a grammatically and logically correct statement.

Despite his years of loyalty, the knight was forced to ____ his allegiance, a decision that led to his ____ from the kingdom.

- (a) uphold, exile
- (b) renounce, banishment
- (c) question, honor
- (d) reaffirm, disgrace
- (e) conceal, reward

Q40. In the given question, two words are omitted, which are replaced by blanks. Choose the best combination of the words that can fit into the given blank at the same order so as to make a grammatically and logically correct statement.

As the storm intensified, the captain had to ____ his crew to prepare for the worst, knowing that any ____ could prove disastrous.

- (a) warn, hesitation
- (b) reassure, confidence
- (c) adorn, miscalculation
- (d) command, support
- (e) mislead, coordination

Directions (41-45): The table given below shows the total number of volleyball, bat and footballs sold in five different days. It also shows the ratio of bats to football and difference between bat and football is given.

| Days | Volleyball + bats + footballs | Bats : footballs | Difference between bats and footballs |
|-----------|-------------------------------|------------------|---------------------------------------|
| Monday | 140 | 5:1 | 60 |
| Tuesday | 129 | 2:1 | 38 |
| Wednesday | 100 | 1:3 | 40 |
| Thursday | 140 | 3:2 | 20 |
| Friday | 130 | 1:1 | 0 |

Note - Total volleyballs sold on Monday is equal to the total football sold on Friday.

Q41. There are two types of volleyball sold A and B on Thursday. Type A volleyball sold is 66.66% that of type B. Find the type B volleyball sold.

- (a) 24
- (b) 25
- (c) 16
- (d) 90
- (e) 80

Q42. On Wednesday, 20% of the equipment sold are defective out of which 9 equipment are bat and the ratio of defective volleyball to football sold is 5:6. Find the defective bat and football sold.

- (a) 24
- (b) 15
- (c) 16
- (d) 20
- (e) 45

Q43. On Saturday, the number of bat sold are 20% more than that of Monday and average number of football and volleyball sold is 50. Find the total equipment sold on Saturday.

- (a) 100
- (b) 125
- (c) 160
- (d) 190
- (e) 180

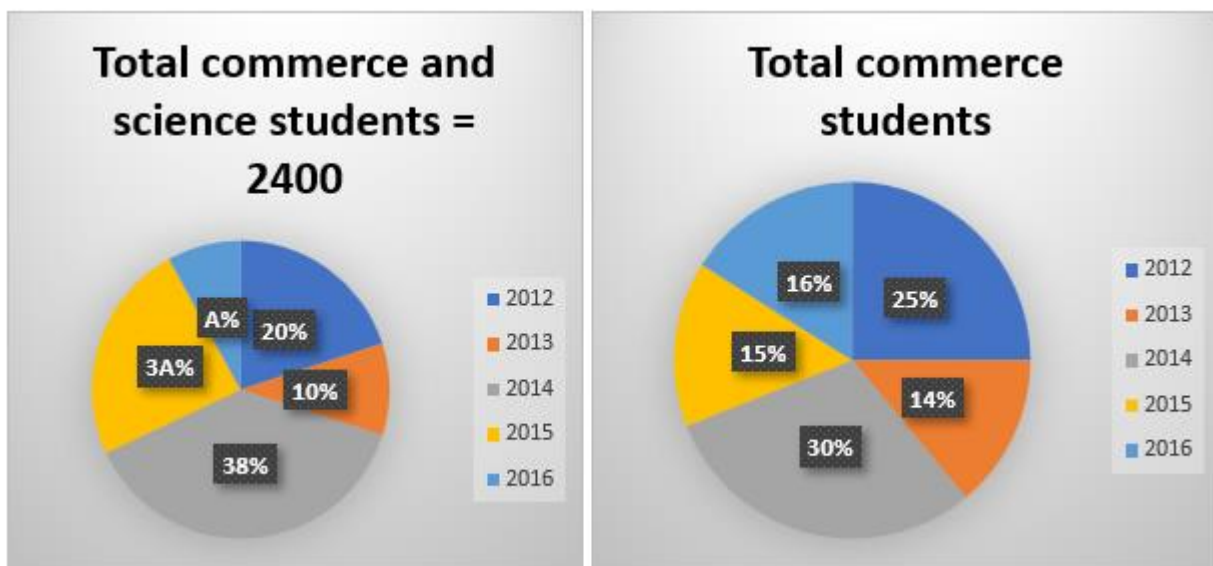
Q44. Bats sold on Wednesday and Tuesday together is what percentage more or less than football sold on Friday.

- (a) 94
- (b) 92
- (c) 96
- (d) 90
- (e) 80

Q45. Find the average number of bats sold on Monday, Tuesday and Wednesday.

- (a) 24
- (b) 57
- (c) 16
- (d) 90
- (e) 80

Directions (46-50): The pie chart given below shows the number of science and commerce student in five different year from 2012 to 2016 and another pie chart shows the percentage of commerce students.



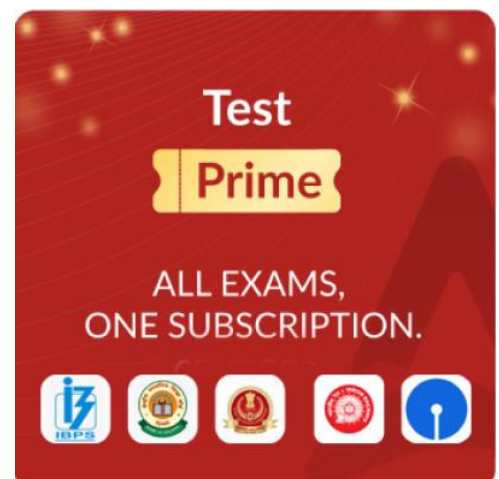
Note – (i) Total students = Commerce + Science.
(ii) Commerce students in 2013 is 8 less than that in 2015.

Q46. The difference between commerce students in 2016 and science student in 2012 is what percentage of total student in 2013.

- (a) 24.33
- (b) 63.33
- (c) 16.33
- (d) 19.33
- (e) 18.33

Q47. Find the ratio of commerce student in 2016 and 2015 to total students 2015.

- (a) 24:19
- (b) 31:72
- (c) 16:15
- (d) 19:20
- (e) 18:19



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Q48. Find the difference between average number of students in 2012 & 2016 and total science student in 2015.

- (a) 240
- (b) 320
- (c) 160
- (d) 120
- (e) 180

Q49. Total 25% of the student are from Art in 2013 and rest are from Science and Commerce. Find the total number of students in Arts, Science and Commerce.

- (a) 240
- (b) 320
- (c) 160
- (d) 190
- (e) 180

Q50. In 2017, the total students are 20% of total students in 2012 and students in commerce is 25% less than that in 2015. Find the science students in 2017.

- (a) 4
- (b) 6
- (c) 1
- (d) 9
- (e) 8

Directions (51-55): Read the information and answer the following question.

The information is about the total number of student and teacher in two organisation A and B. Total people in organisation B is 500. The total student in organisation A is equal to the male teacher in A. Male student in A is half of the female teacher in A. The sum of male student and female teacher in A is equal to the male student in B. The male and female teachers in B are equal, which is 25 more than female student in B. Female teacher in B is 75 and total females in both the organisation is 350.

Q51. Find the ratio of female students in A and male students in B.

- (a) 4:19
- (b) 1:12
- (c) 6:5
- (d) 9:2
- (e) 18:19

Q52. Find the total students in both the organization

- (a) 445
- (b) 465
- (c) 451
- (d) 495
- (e) 475

Q53. Find the males in A is what percentage of females in B.

- (a) 180%
- (b) 160%
- (c) 100%
- (d) 90%
- (e) 80%

Q54. In organization F total males are 25% of the females teachers in A and total females are 25% less than males students in B. find the total people in organization F.

- (a) 245
- (b) 265
- (c) 211
- (d) 275
- (e) 285

Q55. Find the difference between total people in both the organization.

- (a) 440
- (b) 60
- (c) 950
- (d) 90
- (e) 50

Q56. The weight of x students is 62 kg. If two person whose weight are 82.5 and 78.5 left the group and a new person whose weight is 162 kg join the group, then the average becomes 65.5 kg. find x.

- (a) 18
- (b) 19
- (c) 20
- (d) 21
- (e) 22

Q57. A and B together can complete a work in 12 days and A, B and C together can complete the same work in 6 days. The efficiency of A is twice the efficiency of B and C alone can complete the task in R+ 8 days. Find the time taken by A alone to the complete the work.

- (a) R+14
- (b) R+12
- (c) R+16
- (d) R
- (e) 2R

Q58. Three friends A, B and C get into a partnership with an investment of Rs 2800, Rs 3600 and Rs 4000. After x months C left the business. The annual profit share C to A and B together is 5:12, find for how many months C was in the business.

- (a) 4
- (b) 8
- (c) 6
- (d) 2.5
- (e) 2

Q59. Perimeter of square with side $(A+10)$ cm is equal to the perimeter of rectangle with length A cm and breadth $3A$ cm. Find the difference between the area of rectangle and square (sq cm).

- (a) 100
- (b) 180
- (c) 160
- (d) 150
- (e) 20

Directions (60-63): What should come in place of the question mark (?) in the following questions. Find the approximate value?

Q60. $6561.01 \div (8.98 \times 3.01) \div 2.98 = ?$

- (a) 27
- (b) 54
- (c) 72
- (d) 81
- (e) 78

Q61. $7364.99 + (5.01)^2 + \sqrt{?} = 7433.11$

- (a) 1894
- (b) 1681
- (c) 1764
- (d) 2025
- (e) 1849

Q62. $127.001 \times 7.998 + 6.05 \times 4.001 = ?$

- (a) 1440
- (b) 1400
- (c) 1000
- (d) 1040
- (e) 1140

Q63. $39.05 \times 14.95 - 27.99 \times 10.12 = (36.01 + ?) \times 4.98$

- (a) 20
- (b) 30
- (c) 40
- (d) 35
- (e) 25

Q64. The present age of P is twelve years less than that of Q. After four years, the ratio of the ages of P to Q will be 2:5. If the present age of R is six years more than the age of Q two years ago, then find the difference between present age R and P.

- (a) 12 years
- (b) 15 years
- (c) 11 years
- (d) 14 years
- (e) 16 years

Q65. The ratio of time taken by a boat to cover a distance in downstream to that of in upstream is 2 : 3. If the boat covers 108 km in downstream in 'd' hours and 120 km in upstream in d+4 hours, then find upstream speed (in km/hr) of the boat?

- (a) 18
- (b) 15
- (c) 21
- (d) 12
- (e) 24

Q66. The length of train X is equal to sum of length of train Y and Z together, while length of train Z is 20% more than that of Y. Train Y running at speed of 50 meters/second and it cross a pole in 6 seconds. If the speed of train X is 40 m/sec and cross train Z in 17 second running in opposite direction, then find the speed of train Z (in meters/second)?

- (a) 25
- (b) 15
- (c) 30
- (d) 20
- (e) 40

Q67. A man invested a certain amount in scheme A at rate of 15% p.a. for two years and he received total simple interest of Rs 7800. The man increased the amount by Rs. X and invested in another scheme B on compound interest at rate of 10% p.a. for two years and received Rs. 6720 as interest. Find the value of X (in Rs.)?

- (a) 8000
- (b) 5000
- (c) 4000
- (d) 3000
- (e) 6000

Q68. A shopkeeper made a loss of 15% on selling an article. Had he sold the article for Rs. 3000 more, he would have made a profit of 5%. If he marked the article at 20% above the cost price, then find the discount given on the article?

- (a) 5050 Rs.
- (b) 5250 Rs.
- (c) 5450 Rs.
- (d) 4850 Rs.
- (e) 5350 Rs.

Q69. X is a series of five consecutive multiple of three whose average is 36 and Y is the series of four consecutive multiple of four, which second smallest number is 13 more than second highest number of X series. Find the sum of smallest number of X series and highest number of Y series?

- (a) 84
- (b) 96
- (c) 80
- (d) 90
- (e) 72

Q70. Vessel X contains milk and water in the ratio of 5:4 respectively. 9 litres of mixture is removed and 20 litres of mixture from vessel Y which containing milk and water in the ratio 3: 2 respectively is mixed in the remaining mixture in vessel X. If the ratio of milk to water in the resultant mixture in vessel X is 4: 3, then find the quantity of mixture in vessel X initially?

- (a) 120 liters
- (b) 60 liters
- (c) 45 liters
- (d) 90 liters
- (e) 80 liters

Directions (71-74): Study the following information carefully and answer the questions given below:

Nine persons A, B, C, D, E, F, G, H and I sit in a row facing north but not necessarily in the same order. C sits 3rd to the left of F. Two persons sit between E and F. A sits 3rd to the right of I but not sit at any end. There are as many persons sit to the left of A as right of B. F sits adjacent to A. The numbers of persons sit between D and G is thrice than the numbers of persons sit between H and G.

Q71. Who sits exactly in the middle of the row?

- (a) A
- (b) F
- (c) C
- (d) B
- (e) H

Q72. How many persons sit between C and D?

- (a) One
- (b) Two
- (c) None
- (d) Four
- (e) Five

Q73. Which of the following pair of persons sits at the extreme ends of the row?

- (a) D, G
- (b) B, H
- (c) C, I
- (d) G, H
- (e) H, I

Q74. If B and E interchange their positions, then who will sit third to the left of H?

- (a) E
- (b) D
- (c) A
- (d) F
- (e) G

Directions (75-78): In each of the questions below, some statements are given followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

Q75. Statements: $P \leq Q < R = S \geq T$; $U = R \geq V \leq W$

Conclusions:

I. $P < W$

II. $T \leq U$

- (a) If only conclusion I is true
- (b) If only conclusion II is true
- (c) If either conclusion I or II is true
- (d) If neither conclusion I nor II is true
- (e) If both conclusions I and II are true

Q76. Statements: $K \geq L > M = N < O$; $P > Q \geq N < R$

Conclusions:

I. $L > R$

II. $Q \leq O$

- (a) If only conclusion I is true
- (b) If only conclusion II is true
- (c) If either conclusion I or II is true
- (d) If neither conclusion I nor II is true
- (e) If both conclusions I and II are true

Q77. Statements: $A < B = C \geq D$; $E \geq C < F$; $G \leq F < H$

Conclusions:

I. $A < H$

II. $E \geq D$

- (a) If only conclusion I is true
- (b) If only conclusion II is true
- (c) If either conclusion I or II is true
- (d) If neither conclusion I nor II is true
- (e) If both conclusions I and II are true

Q78. Statements: $X \leq Y > Z = W \leq V$; $T \geq U = Z < S$

Conclusions:

I. $W > S$

II. $U \leq S$

- (a) If only conclusion I is true
- (b) If only conclusion II is true
- (c) If either conclusion I or II is true
- (d) If neither conclusion I nor II is true
- (e) If both conclusions I and II are true

Directions (79-83): Study the following information carefully and answer the questions given below:

Six persons D, F, G, H, K and L are living in three-storey building where the ground floor is numbered as 1, just above it is floor 2 and the topmost floor is numbered as 3. Each of the floors has 2 flats in it as flat-A and flat-B. Flat-A of floor-2 is immediately above flat-A of floor-1 and immediately below flat-A of floor-3. In the same way, flat-B of floor-2 is immediately above flat-B of floor-1 and immediately below flat-B of floor-3. Flat-A is in the west of flat-B. Each of them likes different fruits.

H lives in the north-west of the one who likes Kiwi. K lives below the one who likes Kiwi. One floor gap between K and F who likes Apple. One floor gap between the ones who like Orange and Grapes. G lives east of the one who likes Orange. The one who likes Banana lives above the one who likes Guava. L does not like Banana.

Q79. Who among the following lives in Flat-A of Floor-3?

- (a) D
- (b) The one who likes Apple
- (c) L
- (d) The one who likes Grapes
- (e) None of these

Q80. Which fruit does K like?

- (a) Kiwi
- (b) Orange
- (c) Grapes
- (d) Guava
- (e) None of these

Q81. Who lives immediately above the flat of the one who likes Grapes?

- (a) The one who likes Kiwi
- (b) F
- (c) D
- (d) The one who likes Orange
- (e) None of these

Q82. Which of the following statements is true?

- (a) F lives in Flat-B of Floor-2
- (b) H likes Orange
- (c) K lives immediately below L's floor
- (d) The one who likes Banana lives on Floor-1
- (e) None is true

Q83. Who among the following lives in Flat-B of Floor-1?

- (a) K
- (b) G
- (c) H
- (d) D
- (e) None of these

Q84. If a four-letter meaningful word is formed by using of 1st, 2nd, 5th and 9th letter from left end of the word 'RECLAIMING', then what will be the second letter from right end of that meaningful word. If more than one meaningful word is formed, mark the answer as Y and if no meaningful word is formed, mark the answer as Z.

- (a) R
- (b) A
- (c) Z
- (d) N
- (e) Y

Q85. How many pairs of digits are in the number '59267435', each of which have as many digits between them (both forward and backward direction) as they have between them according to numeric series?

- (a) One
- (b) Two
- (c) Three
- (d) Four
- (e) More than four

Directions (86-90): Read the given information carefully and answer the related questions:

Seven boxes A, B, C, D, E, F, G – are placed one above the other but not in the given order. These boxes are numbered as 1 to 7 from bottom to top respectively. All the boxes are painted with different colors – red, blue, violet, indigo, green, orange, yellow (but not in same order as given).

More than three boxes are placed below blue box. Two boxes are placed between box A and blue box. Number of boxes placed below box A is two less than the number of boxes placed between blue box and yellow box. Box G is not placed at odd numbered position and placed immediate above box E. Number of boxes placed above box E and below red box are same. Green box is placed four boxes above box F. Box D is placed immediately below Indigo box but box D is not painted with red color. Box C is placed below violet box but not on odd numbered position.

Q86. Choose the correct pair.

- (a) F - Indigo
- (b) B - Green
- (c) D - Red
- (d) D - Blue
- (e) E - Orange

Q87. How many boxes are placed between box B an Indigo box?

- (a) One
- (b) Two
- (c) Three
- (d) Four
- (e) Five

Q88. Which among the following box is painted with green color?

- (a) Box B
- (b) Box G
- (c) Box C
- (d) Box A
- (e) Box E

Q89. Bottommost box is painted with which of the following color?

- (a) Violet
- (b) Orange
- (c) Red
- (d) Indigo
- (e) Yellow

Q90. Which of the following statement is not correct?

- I. No box is placed above box B
 - II. Box E is placed below box C
 - III. Green box is placed immediately above box G
- (a) Only I
 - (b) Only II
 - (c) Only III
 - (d) Only I and II
 - (e) Only I and III

Directions (91-95): Read the given information carefully and answer the related questions:

Fourteen persons sit in two parallel rows in such a way that seven persons sit in each row. A, B, C, D, E, F, G sit in row 1 and face north while P, Q, R, S, T, U, V sit in row 2 and face south (but not in the same order as given). Persons of both rows face each other.

F is the only neighbor of A. Three persons sit between U and the one who faces F. P sits adjacent to U who does not sit opposite to B. Number of persons sit to the left of P and to the left of D are same. T sits opposite to the one who sits second to the left of C. G sits to the right of C but does not sit at the end. R sits immediate left of Q and second to the right of V.

Q91. What is the position of S with respect to T?

- (a) Third to the right
- (b) Immediate left
- (c) Fifth to the left
- (d) Second to the right
- (e) Fifth to the right

Q92. If the persons of row 2 are asked to sit in alphabetical order from left, then how many persons will remain unchanged on their positions?

- (a) None
- (b) One
- (c) Two
- (d) Three
- (e) Four

Q93. Who among the following sits second to the right of the person who sits opposite to F?

- (a) R
- (b) T
- (c) U
- (d) P
- (e) Q

Q94. Four of the following five pair are similar in a certain manner, which among the following is dissimilar to others?

- (a) T-B
- (b) V-E
- (c) S-F
- (d) R-D
- (e) P-C

Q95. The number of persons sit to the left of E is same as the number of persons sit to the right of ____.

- (a) U
- (b) P
- (c) Q
- (d) R
- (e) V

Directions (96-100): Read the given information carefully and answer the related questions:

Eight persons were born on same date and month of different years – 1975, 1978, 1989, 1992, 1995, 1996, 2007, 2010. Consider 2025 as base year to calculate the age of the persons.

M is three years older to K. Fourteen years age gap between K and U. Total age of K and P is one year more than the age of N. Q's age is multiple of 3 but Q does not born in odd numbered year. L is younger to Q and R both.

Q96. What is the age of R?

- (a) 50 years
- (b) 47 years
- (c) 36 years
- (d) 33 years
- (e) 29 years

Q97. L was born in which of the following year?

- (a) 1978
- (b) 1989
- (c) 1992
- (d) 1996
- (e) 1995

Q98. How many persons are younger to P?

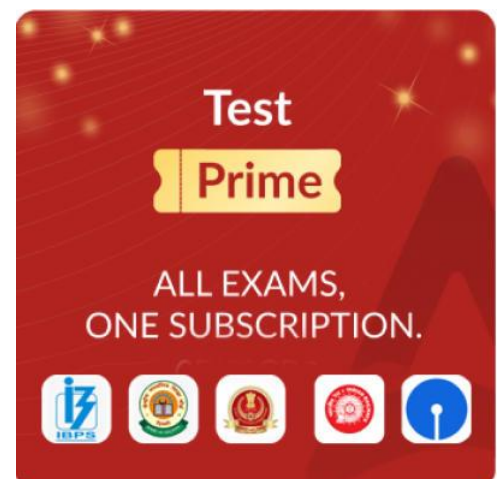
- (a) One
- (b) Two
- (c) Three
- (d) Four
- (e) More than four

Q99. What will be the total age of N, R and U?

- (a) 112 years
- (b) 106 years
- (c) 126 years
- (d) 87 years
- (e) None of the above






Q100. Who among the following is 30 years old?

- (a) K
- (b) R
- (c) P
- (d) L
- (e) Q



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S1. Ans.(d)

Sol. (a) **Incorrect** – "were" should be "was" because "The scientist" is singular (subject-verb agreement error).

(b) **Incorrect** – "have" should be "has" because "Neither" takes a singular verb (subject-verb agreement error).

(c) **Incorrect** – "would have invested" should be "had invested" (incorrect conditional structure).

(d) **Correct** – The sentence is grammatically correct and meaningful.

(e) **Incorrect** – Option (d) is correct, so this option is invalid.

S2. Ans.(b)

Sol. (a) **Incorrect** – "were" should be "was" because "The manager" is the subject (subject-verb agreement error).

(b) **Correct** – The sentence is grammatically correct and meaningful.

(c) **Incorrect** – "was" should be "were" because "students" is plural (subject-verb agreement error).

(d) **Incorrect** – "have" should be "has" because "The scientist" is singular (subject-verb agreement error).

(e) **Incorrect** – Option (e) is correct, so this option is invalid.

S3. Ans.(b)

Sol. (a) **Correct** – The sentence is grammatically accurate.

(b) **Incorrect** – "have" should be "has" because "Neither" takes a singular verb (subject-verb agreement error).

(c) **Correct** – "was" correctly agrees with "Each" (singular subject-verb agreement).

(d) **Correct** – The sentence follows proper subject-verb agreement.

S4. Ans.(c)

Sol. (a) **Correct** – "is" correctly agrees with "The principal" (singular subject-verb agreement).

(b) **Correct** – The use of "take" in a subjunctive clause after "advised that" is correct.

(c) **Incorrect** – "would have implemented" should be "had implemented" (incorrect conditional structure).

(d) **Correct** – The sentence follows proper grammar and agreement.

S5. Ans.(c)

Sol. The paragraph begins with sentence **F**, which introduces the Ashes cricket series as one of the most celebrated rivalries in the sport's history. This provides a general introduction to the topic before diving into specifics.

1. (F) Introduction to the Ashes Series:

- The paragraph begins with **F**, which introduces the Ashes cricket series as one of the most celebrated rivalries in cricket history. This sets the stage for the discussion.

2. **(A) Historical Significance:**

- Sentence **A** follows naturally, providing historical context by mentioning that the series dates back to 1882 and has witnessed numerous iconic moments of fierce competition.

3. **(B) Mention of the Fifth-Largest Game:**

- After establishing the importance of the Ashes, **B** introduces a specific edition—stating that the fifth-largest Ashes game was a testament to the intensity of this historic rivalry.

4. **(D) Description of the Match:**

- Sentence **D** describes the match itself, highlighting breathtaking performances from both sides and the excitement among fans.

5. **(C) Impact of the Match:**

- **C** follows by explaining how the match reinforced the legacy of the Ashes as a premier cricketing spectacle.

6. **(E) Conclusion – Legendary Performances:**

- The paragraph ends with **E**, which emphasizes the contributions of legendary cricketers and how their performances made this match one of the most unforgettable encounters in Ashes history.

This sequence ensures a logical flow from **general introduction** → **historical background** → **specific match details** → **impact and conclusion**.

S6. Ans.(a)

Sol. Sentence **A** follows the introduction, explaining the long history of the Ashes and how both teams have fiercely competed over time.

1. **(F) Introduction to the Ashes Series:**

- The paragraph begins with **F**, which introduces the Ashes cricket series as one of the most celebrated rivalries in cricket history. This sets the stage for the discussion.

2. **(A) Historical Significance:**

- Sentence **A** follows naturally, providing historical context by mentioning that the series dates back to 1882 and has witnessed numerous iconic moments of fierce competition.

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- **C** follows by explaining how the match reinforced the legacy of the Ashes as a premier cricketing spectacle.

6. **(E) Conclusion – Legendary Performances:**

- The paragraph ends with **E**, which emphasizes the contributions of legendary cricketers and how their performances made this match one of the most unforgettable encounters in Ashes history.

This sequence ensures a logical flow from **general introduction** → **historical background** → **specific match details** → **impact and conclusion**.

S7. Ans.(b)

Sol. The **fifth** sentence is **C**, which highlights how the match reinforced the legacy of the Ashes as a premier cricketing spectacle.

1. **(F) Introduction to the Ashes Series:**

- The paragraph begins with **F**, which introduces the Ashes cricket series as one of the most celebrated rivalries in cricket history. This sets the stage for the discussion.

2. **(A) Historical Significance:**

- Sentence **A** follows naturally, providing historical context by mentioning that the series dates back to 1882 and has witnessed numerous iconic moments of fierce competition.

3. **(B) Mention of the Fifth-Largest Game:**

- After establishing the importance of the Ashes, **B** introduces a specific edition—stating that the fifth-largest Ashes game was a testament to the intensity of this historic rivalry.

4. **(D) Description of the Match:**

- Sentence **D** describes the match itself, highlighting breathtaking performances from both sides and the excitement among fans.

5. **(C) Impact of the Match:**

- **C** follows by explaining how the match reinforced the legacy of the Ashes as a premier cricketing spectacle.

6. **(E) Conclusion – Legendary Performances:**

- The paragraph ends with **E**, which emphasizes the contributions of legendary cricketers and how their performances made this match one of the most unforgettable encounters in Ashes history.

This sequence ensures a logical flow from **general introduction** → **historical background** → **specific match details** → **impact and conclusion**.

S8. Ans.(e)

Sol. The **last** sentence is **E**, which concludes the paragraph by emphasizing the legendary cricketers and their unforgettable performances, cementing the match's place in history.

1. **(F) Introduction to the Ashes Series:**

- The paragraph begins with **F**, which introduces the Ashes cricket series as one of the most celebrated rivalries in cricket history. This sets the stage for the discussion.

2. **(A) Historical Significance:**

- Sentence **A** follows naturally, providing historical context by mentioning that the series dates back to 1882 and has witnessed numerous iconic moments of fierce competition.

3. **(B) Mention of the Fifth-Largest Game:**

- After establishing the importance of the Ashes, **B** introduces a specific edition—stating that the fifth-largest Ashes game was a testament to the intensity of this historic rivalry.

4. **(D) Description of the Match:**

- Sentence **D** describes the match itself, highlighting breathtaking performances from both sides and the excitement among fans.

5. **(C) Impact of the Match:**

- **C** follows by explaining how the match reinforced the legacy of the Ashes as a premier cricketing spectacle.

6. **(E) Conclusion – Legendary Performances:**

- The paragraph ends with **E**, which emphasizes the contributions of legendary cricketers and how their performances made this match one of the most unforgettable encounters in Ashes history.

This sequence ensures a logical flow from **general introduction** → **historical background** → **specific match details** → **impact and conclusion**.

S9. Ans.(b)

Sol. Sentence **B** comes third, introducing the specific match that was the fifth-largest in terms of audience and significance.

1. **(F) Introduction to the Ashes Series:**

- The paragraph begins with **F**, which introduces the Ashes cricket series as one of the most celebrated rivalries in cricket history. This sets the stage for the discussion.

2. **(A) Historical Significance:**

- Sentence **A** follows naturally, providing historical context by mentioning that the series dates back to 1882 and has witnessed numerous iconic moments of fierce competition.

3. **(B) Mention of the Fifth-Largest Game:**

- After establishing the importance of the Ashes, **B** introduces a specific edition—stating that the fifth-largest Ashes game was a testament to the intensity of this historic rivalry.

4. **(D) Description of the Match:**

- Sentence **D** describes the match itself, highlighting breathtaking performances from both sides and the excitement among fans.

5. **(C) Impact of the Match:**

- **C** follows by explaining how the match reinforced the legacy of the Ashes as a premier cricketing spectacle.

6. **(E) Conclusion – Legendary Performances:**

- The paragraph ends with **E**, which emphasizes the contributions of legendary cricketers and how their performances made this match one of the most unforgettable encounters in Ashes history.

This sequence ensures a logical flow from **general introduction** → **historical background** → **specific match details** → **impact and conclusion**.

S10. Ans.(e)

Sol. Statement (I) is False: The passage states, "In February, the Consumer Price Index (CPI) remained almost unchanged from the previous month at 5.09%." Since there was no significant increase, this statement is incorrect.

Statement (II) is True: The passage mentions, "Onion production in the 2023-24 horticulture year is expected to decline by over 15.6%, as per the Ministry of Agriculture's First Advance Estimates released on March 7." This confirms the statement.

Statement (III) is False: According to the passage, "Water storage levels at 150 reservoirs were at 40% of capacity as of March 14, lagging behind both the 10-year average and last year's levels." Since water levels were lower, not higher, the statement is incorrect.

S11. Ans.(b)

Sol. The passage states, "The latest retail inflation data once again highlights the continuous volatility in food prices."

Here, "continuous" means something that keeps happening without stopping, which is best captured by "persistent."

Other options:

Intermittent (a) – means occurring at irregular intervals, which is **opposite** to continuous.

Temporary (c) – means lasting for a short time, **opposite** to continuous.

Sporadic (d) – means happening infrequently, which is **not** a synonym.

Occasional (e) – means happening sometimes, **not continuously**.

Thus, **option (b) "Persistent" is the correct answer.**

S12. Ans.(b)

Sol. The passage states, "Despite government interventions, such as a three-month-old ban on onion exports, prices remain stubbornly high."

Option (a) is incorrect because there is no mention of price controls.

Option (c) is incorrect as no subsidy programs are mentioned.

Option (d) is incorrect because direct cash transfers to consumers are not discussed.

Option (e) is incorrect as import duties on vegetables are not mentioned.

Thus, **option (b) is the correct answer.**

S13. Ans.(b)

Sol. The passage states, "Water storage levels at 150 reservoirs were at 40% of capacity as of March 14, lagging behind both the 10-year average and last year's levels."

A long-term decline in water availability directly affects agricultural productivity, which could sustain high food inflation in the future.

Option (a) is incorrect because while high vegetable prices are concerning, they may be seasonal and temporary.

Option (c) is incorrect as the CPI remained *almost unchanged*, so it does not indicate a long-term risk.

Option (d) is incorrect because cereal inflation only saw a slight decline, not a major shift.

Option (e) is incorrect as the passage does not directly link elections to long-term food inflation risks.

Thus, **option (b) is the correct answer.**

S14. Ans.(c)

Sol. Statement (I) is True: The passage states, "The widely consumed potato-onion-tomato group played a key role in driving vegetable inflation." This confirms that the statement is correct.

Statement (II) is False: The passage mentions, "This shortfall is particularly severe in the southern region, where the deficit is 29%." Since it refers to the southern region, not the northern, the statement is incorrect.

Statement (III) is True: The passage states, "Reserve Bank of India Deputy Governor Michael Patra recently warned that high food inflation is weighing heavily on private consumption, which constitutes 57% of GDP, especially in rural areas." This confirms that the statement is correct.

Thus, the only false statement is **(II)**, making option **(c) Only (II) is False** the correct answer.

S15. Ans.(a)

Sol. The word "handle" in this context refers to **control or management** of food price stability.

The closest replacement from the given options is **"process"**, which implies a **method or system of managing** food price stability.

Other options:

Increase (b) – does not fit, as "handle" does not mean growth.

Reduction (c) – opposite in meaning.

Disturbance (d) – has a negative connotation, which does not match the context.

Fluctuation (e) – refers to instability, opposite to controlled handling.

Thus, **option (a) "Process" is the correct answer.**

S16. Ans.(d)

Sol. Option (a) is Correct: The passage attributes food inflation to supply-side issues like *lower onion and potato production and declining water storage levels*, rather than excessive consumer demand. This suggests that inflation is driven more by **supply shortages** than demand-side factors.

Option (b) is Correct: The passage states, *"Water storage levels at 150 reservoirs were at 40% of capacity as of March 14, lagging behind both the 10-year average and last year's levels."* This indicates that inadequate water supply could negatively impact future food production, prolonging inflation.

Option (c) is Incorrect: The passage mentions, *"Despite government interventions, such as a three-month-old ban on onion exports, prices remain stubbornly high."* This indicates that the government's efforts have **not** been highly effective in stabilizing onion inflation.

Thus, **both (a) and (b) are correct, making option (d) the right answer**

S17. Ans.(c)

Sol. The correct phrase is **"played a key role in driving"**, as "played a key role" is **commonly followed by "in + verb-ing"** when describing an action.

The phrase **"played a key role in driving vegetable inflation"** correctly indicates **how** the potato-onion-tomato group contributed to inflation.

Other options:

(a) "played a key role to drive" – Incorrect; "played a key role" is not followed by "to + verb" in standard English usage.

(b) "playing an essential part" – Incorrect; grammatically incomplete and does not fit the sentence structure.

(d) "in a crucial role" – Incorrect; "in a crucial role" is an awkward phrase and does not complete the sentence meaningfully.

(e) "regulated in" – Incorrect; "regulated" does not fit the meaning of the sentence.

Thus, **option (c) "played a key role in driving" is the correct answer.**

S18. Ans.(a)

Sol. The passage states, *"To ensure balance in economic growth, inflation must be controlled."*

- In this context, **"balance" refers to maintaining economic stability** by keeping inflation under control.
- **Option (a) Stability** is the closest synonym, as **stability** means maintaining a steady and controlled state, which aligns with the meaning of "balance" in the passage.

• **Other options:**

- **Equality (b)** – refers to fairness or sameness, not economic balance.
- **Increment (c)** – means an increase, not balance.
- **Fluctuation (d)** – means instability or irregular changes, opposite to balance.
- **Growth (e)** – refers to expansion, which is different from maintaining balance.

Thus, **option (a) "Stability" is the correct answer.**

S19. Ans.(e)

Sol.

- **A-E:** *"Through innovation and strategy, the company's efforts to expand globally have been successful."* (This forms a complete and meaningful sentence.)
- **B-D:** *"The abrupt collapse of negotiations led to a prolonged deadlock."* (This is grammatically correct and conveys a clear idea.)
- **C-F:** *"Defying the threats of tyranny, the people united to reclaim their freedom."* (This sentence is logically and grammatically correct.)

Correct Pairs: B-D, A-E, C-F

S20. Ans.(b)

Sol.

- **A-F:** *"Torn between duty and conscience, was met with widespread dissent."* (Incorrect because "Torn between duty and conscience" is a phrase that requires a subject.)
- **B-D:** *"The commander's tactical miscalculation caused irreversible damage to the mission."* (This is a complete and correct sentence.)
- **C-E:** *"Struggling to conceal his apprehension, he was determined."* (This is incomplete and unclear; "he was determined" needs further elaboration.)

Correct Pair: B-D

Final Answer: (b) B-D

S21. Ans.(c)

Sol. The sentence describes how the global market for superfoods has expanded over the past decade. The phrase "**Over the past decade**" suggests an ongoing action that started in the past and continues in the present, requiring the **present perfect continuous tense**.

- "**Has been growing**" correctly conveys continuous development over time.
- Other options like "**has grown**" and "**has increased**" suggest completed actions rather than ongoing growth.

Meanings of all options:

- **Has grown** – completed growth, focuses on the result rather than the process.
- **Has increasing** – incorrect, correct form is "**Has been increasing**" which in the **present perfect continuous tense**, it indicates that something **started increasing in the past and is still continuing to increase** in the present..
- **Has been growing** – continuous growth over a period of time.
- **Had grown** – past perfect, used when referring to an action completed before another past action.
- **Will grow** – future tense, suggesting something will expand in the future.

S22. Ans.(a)

Sol. The sentence states that superfoods "**were niche products in the early 2000s**", meaning their existence before becoming mainstream is being discussed. Since the **past perfect tense** is used to describe an action completed before another past event, "**had emerged**" is the most appropriate choice.

- Other options like "**were emerging**" suggest an incomplete process rather than a completed transition.

Meanings of all options:

- **Had emerged** – came into existence before another past event.
- **Were emerging** – past continuous, indicates an ongoing action at a past time.
- **Had seen** – incorrect, correct phrase would be, "had been seen" which means they were observed but not necessarily widely accepted.
- **Have been recognized** – present perfect passive, does not fit a past event.
- **Have surfaced** – means they appeared, but does not imply they became widely known.

S23. Ans.(b)

Sol. The sentence describes a **cause-effect relationship** where the market shift "**shows**" how preferences have evolved. The **present perfect tense** is the best fit because it connects past changes to the present.

- "**Has highlighted**" correctly indicates that this shift has brought attention to changing consumer habits over time.
- "**Highlights**" would be incorrect since it would indicate a general fact rather than an action that has taken place.

Meanings of all options:

- **Highlights** – draws attention to something in the present.
- **Has highlighted** – emphasizes something that started in the past and is relevant now.
- **Was highlighting** – past continuous, does not fit a completed event.
- **Had highlighted** – past perfect, used for something that happened before another past action.
- **Will highlight** – future tense, suggesting an event yet to happen.

S24. Ans.(b)

Sol. The sentence discusses how companies are **making superfoods more available** to consumers. The best word choice is "**accessible**", which means *easy to obtain or use*.

- Other options like "**widespread**" refer to how common something is, but do not necessarily mean people can **easily get it**.

Meanings of all options:

- **Adaptable** – able to adjust or change based on circumstances.
- **Accessible** – easy to obtain or use.
- **Widespread** – found in many places or used by many people.
- **Convenient** – easy to use or beneficial in terms of effort.
- **Practical** – useful in a realistic and efficient way.

S25. Ans.(c)

Sol. The sentence discusses how the term "superfood" is **used in an exaggerated or misleading way**. The best fit is "**exaggerated**", which means *to overstate something beyond reality*.

- Other options like "**manipulated**" suggest intentional deception rather than **overstatement**.

Meanings of all options:

- **Enhanced** – improved in quality or value.
- **Manipulated** – controlled in a deceptive way.
- **Exaggerated** – overstated or made to seem more significant than it is.
- **Substituted** – replaced with something else.
- **Distorted** – changed in a misleading or incorrect way.

S26. Ans.(a)

Sol.

- The phrase "**depended in the ability**" is incorrect because "**depend**" is always followed by the preposition "**on**" when indicating reliance on something.
- The correct phrase is "**depended on the ability of the team to collaborate effectively**."

Error Analysis:

- **(b) "at the ability"** ✗ → Incorrect because "depend at" is not a valid construction.
- **(c) "over the ability"** ✗ → Incorrect as "depend over" is not a correct phrase.
- **(d) "for the ability"** ✗ → Incorrect as "depend for" does not fit here.
- **(e) No correction required** ✗ → Incorrect because "depended in" is grammatically wrong.

Correct Sentence: *The success of the company's project depended **on** the ability of the team to collaborate effectively under pressure.*

S27. Ans.(a)

Sol.

- The phrase "**the organization honor the achievements**" contains a **subject-verb agreement error** because "**organization**" is a singular noun and should be followed by a singular verb (**honors**, not **honor**).
- Additionally, "**woman**" is singular, but the context suggests multiple inspiring figures, so it should be "**women**" instead of "**woman**".

S28. Ans.(b)

Sol.

- The phrase "**carry on**" means **to continue something**, which does not fit well in the context of implementing a policy.
- "**Carry out**" means **to execute or implement** a plan or policy, which is the intended meaning.

Error Analysis:

- **(a) "stick up the policy"** ✗ → Incorrect phrase, correct phrase is "stick with" means **to remain committed**.
- **(c) "hold off the policy"** ✗ → Incorrect as "hold off" means **to delay**, which is the opposite of the intended meaning.

- (d) "bring up the policy" ✗ → Incorrect because "bring up" means **to mention**, not to execute.
 - (e) No correction required ✗ → Incorrect because "carry on" does not fit the intended meaning.
- Correct Sentence:** *The manager was determined to **carry out** the policy despite strong opposition from employees.*

S29. Ans.(d)

- Sol.**
- The phrase "**was disappeared**" is incorrect because "**disappear**" is an **intransitive verb**, meaning it **does not take a passive form** (it cannot be used with "was").
 - The correct verb form is "**disappeared**" on its own.

Error Analysis:

- (b) "**was disappearing into the alley**" ✗ → Incorrect because it changes the tense and suggests an ongoing action instead of a completed one.
- (c) "**got disappeared into the alley**" ✗ → Incorrect because "got disappeared" is not grammatically valid.
- (a) "**had disappeared into the alley**" ✗ → Incorrect because "had disappeared" implies a past perfect scenario, which is unnecessary here.
- (e) No correction required ✗ → Incorrect because "was disappeared" is grammatically wrong.

Correct Sentence: *As soon as the announcement was made, the crowd **disappeared** into the alley before the security arrived.*

S30. Ans.(d)

Sol. Correct rearrangement is CBA.

The given sentence is incorrect because "Terrain" is incorrectly placed as a subject, whereas "Trekking" should be the action (verb/participle) describing what the hikers are doing.

Correct sequence: "Trekking through the rugged terrain, battling exhaustion and unpredictable trails, the hikers climb higher into the mountains."

S31. Ans.(a)

- Sol.**
- The sentence is **incorrect** as "**flavors**" should be the object, and "**creamy**" should describe "**sauce**."
 - **Correct sequence:** *The chef skillfully **whipped** a rich and **creamy** sauce, adding just the right amount of herbs to enhance the **flavors** of the dish.*

Error Analysis:

- (b) CAB ✗ → Incorrect because "**creamy of the dish**" is grammatically incorrect.
- (c) BAC ✗ → Incorrect as "**flavors sauce**" does not fit properly.
- (d) CBA ✗ → Incorrect as "**creamy flavors of the dish**" changes the meaning.
- (e) No rearrangement required ✗ → Incorrect because the sentence needs corrections.

Correct Sentence: *The chef skillfully **whipped** a rich and **creamy** sauce, adding just the right amount of herbs to enhance the **flavors** of the dish.*

S32. Ans.(e)

Sol.

- The sentence is **already correct** as "**engaged**," "**discussion**," and "**trends**" are properly placed.

Error Analysis:

- (a) BCA ✗ → Incorrect because "**discussion about the engaged**" is grammatically incorrect.
- (b) CAB ✗ → Incorrect because "**trends in a heated discussion**" does not fit logically.
- (c) BAC ✗ → Incorrect because "**trends engaged in a heated discussion**" does not follow the correct structure.
- (d) ACB ✗ → Incorrect because "**engaged trends in a discussion**" changes the meaning.

Correct Sentence: *The students **engaged** in a heated **discussion** about the latest **trends** in social media and its impact on mental health.*

S33. Ans.(c)

Sol.

- The sentence is **incorrect** as "**control**" should be the object, and "**fiercer**" should describe "**storm**."
- **Correct sequence:** *As the storm grew **fiercer**, the sailors struggled to maintain **control** of their boat against the relentless **waves** crashing against them.*

Error Analysis:

- (a) BCA ✗ → Incorrect because "**fiercer of their boat**" is grammatically wrong.
- (b) CAB ✗ → Incorrect because "**control grew fiercer**" does not fit logically.
- (d) ACB ✗ → Incorrect because "**control struggled to maintain**" is incorrect.
- (e) **No rearrangement required** ✗ → Incorrect because the sentence is incorrect as written.

Correct Sentence: *As the storm grew **fiercer**, the sailors struggled to maintain **control** of their boat against the relentless **waves** crashing against them.*

S34. Ans.(b)

Sol. Sentence A is correct because **raise** means to lift something higher (raising hands).

Sentence B is incorrect because **raise** does not mean to construct or build. The correct word should be "**erect**" or "**construct**."

Sentence C is correct because **raise** can mean to collect or gather (raising funds).

Thus, the correct answer is **(b) Both A and C**.

S35. Ans.(a)

Sol. Sentence A is correct because **manage** means to handle or oversee something (managing an event).

Sentence B is correct because **manage to do something** means to succeed in doing something difficult (catching the train just in time).

Sentence C is incorrect because **manage** is not used correctly with an object in this way. The correct sentence would be:

"The teacher managed to get the students to complete their assignments."

Thus, the correct answer is **(a) Both A and B**.

S36. Ans.(b)

Sol. The sentence discusses a journalist recalling how she used to interact with individuals decades ago, contrasting past limited ambitions with present aspirations. "Interviewed" correctly fits the first blank, as it refers to formally questioning or conversing with people, which aligns with a journalist's work. "Aspirations" fits the second blank because it refers to strong desires or ambitions, contrasting with the past when people had fewer ambitions.

Meanings of all options:

- **Interviewed** – formally questioned or conversed with someone for information.
- **Aspirations** – strong desires or ambitions to achieve something.
- **Questioned** – asked someone for information or clarification.
- **Dreams** – thoughts or hopes about the future, often idealistic.
- **Observed** – noticed or perceived something, often without active involvement.
- **Success** – achievement of a goal or a favorable outcome.
- **Narrated** – told or described a story or series of events.
- **Motivation** – the reason or drive behind actions and behaviors.
- **Consulted** – sought advice or information from someone.
- **Goals** – specific aims or intended outcomes.

S37. Ans.(d)

Sol. The sentence highlights the idea that all individuals deserve basic rights, yet in many places, these rights are still denied. "Human rights" correctly fits the first blank as it refers to the fundamental freedoms and protections every person is entitled to. "Protections" fits the second blank as human rights exist to safeguard individuals from oppression and injustice.

Meanings of all options:

- **Human rights** – fundamental freedoms and protections that all individuals are entitled to.
- **Protections** – measures or safeguards to keep something safe or secure.
- **Prejudices** – a strong unreasonable feeling of not liking or trusting somebody/something, especially when it is based on his/her/its race, religion or sex.
- **Freedoms** – the ability to act, speak, or think without restrictions.
- **Opportunities** – chances to improve one's condition or achieve success.
- **Entitlements** – rights or claims to something, often by law or status.
- **Civil liberties** – personal freedoms protected by law from government interference.
- **Restrictions** – limitations or constraints on action or behavior.

S38. Ans.(a)

Sol. The sentence discusses a new project aimed at improving education. "Implement" correctly fits the first blank as it means to put a plan into action. "Practical" fits the second blank because it refers to knowledge that is useful in real-life applications, which aligns with the goal of improving education.

Meanings of all options:

- **Implement** – to put a plan, decision, or method into effect.
- **Practical** – useful and applicable in real-life situations.
- **Reject** – to refuse to accept or consider something.
- **Theoretical** – based on abstract concepts rather than practical use.

- **Abandon** – to give up or leave something completely.
- **Comprehensive** – complete and covering all aspects.
- **Complicate** – to make something more difficult or confusing.
- **Abstract** – existing in thought or as an idea but not physically real.
- **Develop** – to improve or expand something over time.
- **Forgettable** – easily forgotten, especially through being uninteresting or mediocre.

S39. Ans.(b)

Sol. The sentence describes a knight who had to **give up** his allegiance, leading to his **expulsion** from the kingdom. The correct word pair should reflect **giving up loyalty and being exiled** as a consequence.

- **"Renounce"** means *to formally give up a position, belief, or claim*, which fits the first blank.
- **"Banishment"** means *the act of being expelled or exiled from a place*, which correctly completes the sentence.
- Other options do not fit as well: **"uphold"** means to support, **"question"** does not imply abandoning, and **"reaffirm"** means to strengthen, which contradicts the context.

Meanings of all options:

- **Uphold** – to support or maintain something.
- **Exile** – being forced to leave one's home or country as a punishment.
- **Renounce** – to formally give up a belief, claim, or position.
- **Banishment** – the act of being expelled or sent away.
- **Question** – to doubt or express uncertainty.
- **Honor** – high respect or recognition for one's actions.
- **Reaffirm** – to confirm or assert again.
- **Disgrace** – loss of reputation due to dishonorable actions.
- **Conceal** – to hide or keep something secret.
- **Reward** – something given in recognition of service or achievement.

S40. Ans.(a)

Sol. The sentence describes the **intensification of a storm** and the captain's **need to act carefully**. The first blank should describe the captain **alerting his crew**, and the second blank should refer to a **moment of doubt that could lead to disaster**.

- **"Warn"** means *to notify of danger*, which fits the captain's action.
- **"Hesitation"** means *a delay in action due to uncertainty or fear*, which fits the idea that any delay could be dangerous.
- Other options do not fit as well: **"reassure"** does not indicate urgency, **"abandon"** is too extreme, and **"command"** does not align with the warning tone.

Meanings of all options:

- **Warn** – to alert someone of danger or a problem.
- **Hesitation** – a delay in action due to uncertainty or doubt.
- **Reassure** – to comfort someone or restore their confidence.
- **Confidence** – trust or belief in one's abilities or success.
- **Adorn** – to add something in order to make a thing or person more attractive or beautiful.
- **Miscalculation** – an error in judgment or calculation.

- **Command** – to give an authoritative order.
- **Support** – assistance or help provided to someone.
- **Mislead** – to deceive or give false information.
- **Coordination** – the ability to organize and align efforts effectively.

S41. Ans.(a)

Sol.

Let the number of bats and footballs be $5x$ and x

$$5x - x = 60$$

$$4x = 60$$

$$15 = x$$

$$140 - 6x = \text{number of volleyballs} = 50$$

Similarly,

| Days | Volleyball | Bats | Footballs | Total |
|-----------|------------|------|-----------|-------|
| Monday | 50 | 75 | 15 | 140 |
| Tuesday | 15 | 76 | 38 | 129 |
| Wednesday | 20 | 20 | 60 | 100 |
| Thursday | 40 | 60 | 40 | 140 |
| Friday | 30 | 50 | 50 | 130 |

Total volleyballs sold = 30

$$\text{Type B volleyballs} = \frac{3}{3+2} \times 40 = 24$$

S42. Ans.(b)

Sol.

Let the number of bats and footballs be $5x$ and x

$$5x - x = 60$$

$$4x = 60$$

$$15 = x$$

$$140 - 6x = \text{number of volleyballs} = 50$$

Similarly,

| Days | Volleyball | Bats | Footballs | Total |
|-----------|------------|------|-----------|-------|
| Monday | 50 | 75 | 15 | 140 |
| Tuesday | 15 | 76 | 38 | 129 |
| Wednesday | 20 | 20 | 60 | 100 |
| Thursday | 40 | 60 | 40 | 140 |
| Friday | 30 | 50 | 50 | 130 |

Defective equipment = 20% of 100 = 20

$$\text{Defective bat and football sold} = 9 + (20 - 9) \times \frac{6}{11} = 15$$

S43. Ans.(d)

Sol.

Let the number of bats and footballs be $5x$ and x

$$5x - x = 60$$

$$4x = 60$$

$$15 = x$$

$$140 - 6x = \text{number of volleyballs} = 50$$

Similarly,

| Days | Volleyball | Bats | Footballs | Total |
|-----------|------------|------|-----------|-------|
| Monday | 50 | 75 | 15 | 140 |
| Tuesday | 15 | 76 | 38 | 129 |
| Wednesday | 20 | 20 | 60 | 100 |
| Thursday | 40 | 60 | 40 | 140 |
| Friday | 30 | 50 | 50 | 130 |

Bats sold on Monday = 120% of 75 = 90

Football and volleyball sold is = $2 \times 50 = 100$

Required answer = 190

S44. Ans.(b)

Sol.

Let the number of bats and footballs be $5x$ and x

$$5x - x = 60$$

$$4x = 60$$

$$15 = x$$

$$140 - 6x = \text{number of volleyballs} = 50$$

Similarly,

| Days | Volleyball | Bats | Footballs | Total |
|-----------|------------|------|-----------|-------|
| Monday | 50 | 75 | 15 | 140 |
| Tuesday | 15 | 76 | 38 | 129 |
| Wednesday | 20 | 20 | 60 | 100 |
| Thursday | 40 | 60 | 40 | 140 |
| Friday | 30 | 50 | 50 | 130 |

$$\text{Required answer} = \frac{20+76-50}{50} \times 100 = 92\%$$

S45. Ans.(b)

Sol.

Let the number of bats and footballs be $5x$ and x

$$5x - x = 60$$

$$4x = 60$$

$$15 = x$$

$$140 - 6x = \text{number of volleyballs} = 50$$

Similarly,

| Days | Volleyball | Bats | Footballs | Total |
|-----------|------------|------|-----------|-------|
| Monday | 50 | 75 | 15 | 140 |
| Tuesday | 15 | 76 | 38 | 129 |
| Wednesday | 20 | 20 | 60 | 100 |
| Thursday | 40 | 60 | 40 | 140 |
| Friday | 30 | 50 | 50 | 130 |

$$\text{Required answer} = \frac{75+76+20}{3} = 57$$



S46. Ans.(b)

Sol.

$$20+10+38+4A = 100$$

$$32 = 4A$$

$$8 = A$$

ATQ,

$$15\% - 14\% = 8 \text{ (from commerce students chat)}$$

$$1\% = 8$$

$$100\% = 800$$

$$\text{So total students in A} = 20\% \text{ of } 2400 = 480$$

$$\text{Commerce students in A} = 25\% \text{ of } 800 = 200$$

$$\text{Science students in A} = 280$$

| Years | Total students | Science students | Commerce students |
|--------------|----------------|------------------|-------------------|
| 2012 | 480 | 280 | 200 |
| 2013 | 240 | 128 | 112 |
| 2014 | 912 | 672 | 240 |
| 2015 | 576 | 456 | 120 |
| 2016 | 192 | 64 | 128 |
| Total | 2400 | 1600 | 800 |

$$\text{Required answer} = \frac{280-128}{240} \times 100 = 63.33\%$$

S47. Ans.(b)

Sol.

$$20+10+38+4A = 100$$

$$32 = 4A$$

$$8 = A$$

ATQ,

$$15\% - 14\% = 8 \text{ (from commerce students chat)}$$

$$1\% = 8$$

$$100\% = 800$$

$$\text{So total students in A} = 20\% \text{ of } 2400 = 480$$

$$\text{Commerce students in A} = 25\% \text{ of } 800 = 200$$

$$\text{Science students in A} = 280$$

| Years | Total students | Science students | Commerce students |
|--------------|----------------|------------------|-------------------|
| 2012 | 480 | 280 | 200 |
| 2013 | 240 | 128 | 112 |
| 2014 | 912 | 672 | 240 |
| 2015 | 576 | 456 | 120 |
| 2016 | 192 | 64 | 128 |
| Total | 2400 | 1600 | 800 |

$$\text{Required ratio} = 120+128: 576 = 248:576 = 31:72$$

S48. Ans.(d)

Sol.

$$20+10+38+4A = 100$$

$$32 = 4A$$

$$8 = A$$

ATQ,

$$15\% - 14\% = 8 \text{ (from commerce students chat)}$$

$$1\% = 8$$

$$100\% = 800$$

$$\text{So total students in A} = 20\% \text{ of } 2400 = 480$$

$$\text{Commerce students in A} = 25\% \text{ of } 800 = 200$$

$$\text{Science students in A} = 280$$

| Years | Total students | Science students | Commerce students |
|--------------|----------------|------------------|-------------------|
| 2012 | 480 | 280 | 200 |
| 2013 | 240 | 128 | 112 |
| 2014 | 912 | 672 | 240 |
| 2015 | 576 | 456 | 120 |
| 2016 | 192 | 64 | 128 |
| Total | 2400 | 1600 | 800 |

$$\text{Required answer} = 456 - (480+192)/2 = 120$$

S49. Ans.(b)

Sol.

$$20+10+38+4A = 100$$

$$32 = 4A$$

$$8 = A$$

ATQ,

$$15\% - 14\% = 8 \text{ (from commerce students chat)}$$

$$1\% = 8$$

$$100\% = 800$$

$$\text{So total students in A} = 20\% \text{ of } 2400 = 480$$

$$\text{Commerce students in A} = 25\% \text{ of } 800 = 200$$

$$\text{Science students in A} = 280$$

| Years | Total students | Science students | Commerce students |
|--------------|----------------|------------------|-------------------|
| 2012 | 480 | 280 | 200 |
| 2013 | 240 | 128 | 112 |
| 2014 | 912 | 672 | 240 |
| 2015 | 576 | 456 | 120 |
| 2016 | 192 | 64 | 128 |
| Total | 2400 | 1600 | 800 |

$$75\% = 240$$

$$100\% = 320$$

S50. Ans.(b)

Sol.

$$20+10+38+4A = 100$$

$$32 = 4A$$

$$8 = A$$

ATQ,

$$15\% - 14\% = 8 \text{ (from commerce students chat)}$$

$$1\% = 8$$

$$100\% = 800$$

$$\text{So total students in A} = 20\% \text{ of } 2400 = 480$$

$$\text{Commerce students in A} = 25\% \text{ of } 800 = 200$$

$$\text{Science students in A} = 280$$

| Years | Total students | Science students | Commerce students |
|--------------|----------------|------------------|-------------------|
| 2012 | 480 | 280 | 200 |
| 2013 | 240 | 128 | 112 |
| 2014 | 912 | 672 | 240 |
| 2015 | 576 | 456 | 120 |
| 2016 | 192 | 64 | 128 |
| Total | 2400 | 1600 | 800 |

$$\text{Total students in 2017} = 20\% \text{ of } 480 = 96$$

$$\text{commerce students in 2017} = 75\% \text{ of } 120 = 90$$

$$\text{Science students in 2017} = 96 - 90 = 6$$

S51. Ans.(b)

Sol.

| Organization | Male students | Females students | Male teachers | Female teachers |
|--------------|---------------|------------------|---------------|-----------------|
| A | p | r | t | v |
| B | q | s | 75 | 75 |

$$p+r = t$$

$$2p = v$$

$$p+v = q$$

$$s = 50$$

$$q = 500 - 150 - 50 = 300$$

$$\text{so, } v = 200 \text{ and } p = 100$$

$$350 = v+75+r+s$$

$$r = 25$$

$$t = 125$$

| Organization | Male students | Females students | Male teachers | Female teachers | Total |
|--------------|---------------|------------------|---------------|-----------------|-------|
| A | 100 | 25 | 125 | 200 | 450 |
| B | 300 | 50 | 75 | 75 | 500 |

Required answer = 25: 300 = 1:12

S52. Ans.(e)

Sol.

| Organization | Male students | Females students | Male teachers | Female teachers |
|--------------|---------------|------------------|---------------|-----------------|
| A | p | r | t | v |
| B | q | s | 75 | 75 |

$$p+r = t$$

$$2p = v$$

$$p+v = q$$

$$s = 50$$

$$q = 500 - 150 - 50 = 300$$

$$\text{so, } v = 200 \text{ and } p = 100$$

$$350 = v+75+r+s$$

$$r = 25$$

$$t = 125$$

| Organization | Male students | Females students | Male teachers | Female teachers | Total |
|--------------|---------------|------------------|---------------|-----------------|-------|
| A | 100 | 25 | 125 | 200 | 450 |
| B | 300 | 50 | 75 | 75 | 500 |

Required answer = 100+25+350 = 475

S53. Ans.(a)

Sol.

| Organization | Male students | Females students | Male teachers | Female teachers |
|--------------|---------------|------------------|---------------|-----------------|
| A | p | r | t | v |
| B | q | s | 75 | 75 |

$$p+r = t$$

$$2p = v$$

$$p+v = q$$

$$s = 50$$

$$q = 500 - 150 - 50 = 300$$

$$\text{so, } v = 200 \text{ and } p = 100$$

$$350 = v+75+r+s$$

$$r = 25$$

$$t = 125$$

| Organization | Male students | Females students | Male teachers | Female teachers | Total |
|--------------|---------------|------------------|---------------|-----------------|-------|
| A | 100 | 25 | 125 | 200 | 450 |
| B | 300 | 50 | 75 | 75 | 500 |

$$\text{Required answer} = \frac{100+125}{50+75} \times 100 = 180\%$$

S54. Ans.(d)

Sol.

| Organization | Male students | Females students | Male teachers | Female teachers |
|--------------|---------------|------------------|---------------|-----------------|
| A | p | r | t | v |
| B | q | s | 75 | 75 |

$$p+r = t$$

$$2p = v$$

$$p+v = q$$

$$s = 50$$

$$q = 500 - 150 - 50 = 300$$

$$\text{so, } v = 200 \text{ and } p = 100$$

$$350 = v+75+r+s$$

$$r = 25$$

$$t = 125$$

| Organization | Male students | Females students | Male teachers | Female teachers | Total |
|--------------|---------------|------------------|---------------|-----------------|-------|
| A | 100 | 25 | 125 | 200 | 450 |
| B | 300 | 50 | 75 | 75 | 500 |

$$\text{Required answer} = \frac{25}{100} \times 200 + \frac{75}{100} \times 300 = 50 + 225 = 275$$

S55. Ans.(e)

Sol.

| Organization | Male students | Females students | Male teachers | Female teachers |
|--------------|---------------|------------------|---------------|-----------------|
| A | p | r | t | v |
| B | q | s | 75 | 75 |

$$p+r = t$$

$$2p = v$$

$$p+v = q$$

$$s = 50$$

$$q = 500 - 150 - 50 = 300$$

$$\text{so, } v = 200 \text{ and } p = 100$$

$$350 = v+75+r+s$$

$$r = 25$$

$$t = 125$$

| Organization | Male students | Females students | Male teachers | Female teachers | Total |
|--------------|---------------|------------------|---------------|-----------------|-------|
| A | 100 | 25 | 125 | 200 | 450 |
| B | 300 | 50 | 75 | 75 | 500 |

Required answer = 50

S56. Ans.(b)

Sol.

Atq,

$$x \times 62 - 82.5 - 78.5 + 162 = 65.5(x-1)$$

$$62x - 161 + 162 = 65.5x - 65.5$$

$$1 + 65.5 = 65.5x - 62x$$

$$66.5 = 3.5x$$

$$19 = x$$

S57. Ans.(a)

Sol.

Total work = 12 units

Efficiency of A+B = $12/12 = 1$ unit

Efficiency of A = $2/3$ units

Efficiency of B = $1/3$ units

Efficiency of A+B+C = $12/6 = 2$ units

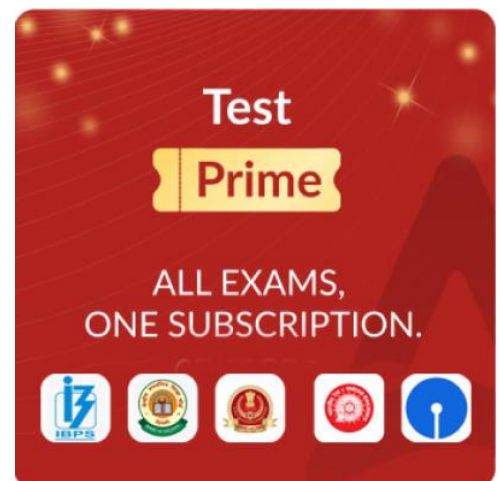
Efficiency of C = 1 unit

Time taken by C = 12

$$R + 8 = 12$$

$$R = 4$$

$$\text{Time taken by A} = 12 \times \frac{3}{2} = 18 \text{ days}$$



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S58. Ans.(b)

Sol.

$$\frac{(12-x)4000}{12 \times (2800 + 3600)} = \frac{5}{12}$$
$$(12 - x) = 8 \text{ months}$$

S59. Ans.(a)

Sol.

$$4(A+10) = 2(A+3A)$$

$$A = 10$$

$$\text{Required answer} = 20 \times 20 - 10 \times 30 = 100 \text{ sq cm}$$

S60. Ans.(d)

Sol.

$$? = \frac{6561}{9 \times 3 \times 3} = 81$$

S61. Ans.(e)

Sol.

$$7365 + 25 + \sqrt{?} = 7433$$

$$\sqrt{?} = 7433 - 7390$$

$$\sqrt{?} = 43$$

$$\text{or, } ? = 1849$$

S62. Ans.(d)

Sol.

$$? \approx 127 \times 8 + 6 \times 4$$

$$? = 1016 + 24$$

$$? = 1040$$

S63. Ans.(e)

Sol.

$$\frac{39 \times 15 - 28 \times 10}{5} = 36 + ?$$

$$\Rightarrow 61 = 36 + ?$$

$$\therefore ? = 25$$

S64. Ans.(e)

Sol.

Let present age of Q be x years

And present age of P = 'x-12' years

ATQ,

$$\frac{x - 12 + 4}{x + 4} = \frac{2}{5}$$

$$5x - 40 = 2x + 8$$

$$3x = 48$$

$$x = 16$$

Present age of R = 6+(16-2)=20 years

Present age of P = 16 - 12 = 4 years

Required difference = 20-4 = 16 years

S65. Ans.(d)

Sol.

Let speed of boat in still water be x km/hr and speed of stream be y km/hr

$$\frac{x-y}{x+y} = \frac{2}{3}$$

$$3x - 3y = 2x + 2y$$

$$x = 5y$$

$$\text{ATQ } d = \frac{108}{6y}$$

$$d = \frac{18}{y} \text{ -----(i)}$$

$$\text{And } d = \frac{120}{4y} - 4$$

$$d = \frac{30-4y}{y} \text{ ---- (ii)}$$

From (i) and (ii) we get -

$$\frac{18}{y} = \frac{30-4y}{y}$$

$$4y = 12$$

$$y = 3$$

$$\text{So, } x = 3 \times 5 = 15$$

Required speed = (15-3) = 12 km/hr

S66. Ans.(d)

Sol.

Let length of train Y be $5x$ meters

So, length of train Z = $5x \times \frac{120}{100} = 6x$ meters

ATQ, $5x = 50 \times 6$

$x = 60$

So, length of train Y = 300 meters

And, length of train Z = 360 meters

So, length of train X = $(300+360)$ meters = 660 meters

Let speed of train Z = y m/sec

$$17 = \frac{660+360}{40+y}$$

$$17y + 680 = 1020$$

$$17y = 340$$

$$y = 20$$

S67. Ans.(e)

Sol.

Let man invested Rs. P in a scheme A

$$7800 = P \times \frac{15}{100} \times 2$$

$$P = \frac{7800 \times 100}{2 \times 15} = \text{Rs. } 26000$$

Equivalent rate of interest for two years at 10% per annum = $\left(10 + 10 + \frac{10 \times 10}{100}\right)\% = 21\%$

ATQ,

$$(26000 + X) \times \frac{21}{100} = 6720$$

$$5460 + \frac{21X}{100} = 6720$$

$$\frac{21X}{100} = 6720 - 5460$$

$$X = 1260 \times \frac{100}{21} = 6000$$

S68. Ans.(b)

Sol.

Let cost price of the article be Rs. $100x$

So, original selling price of the article = $100x \times \frac{85}{100} = 85x$ Rs.

$$\text{ATQ, } 85x + 3000 = 100x \times \frac{105}{100}$$

$$105x - 85x = 3000$$

$$20x = 3000$$

$$x = 150$$

$$\text{Marked price} = 15000 \times \frac{120}{100} = 18000 \text{ Rs}$$

$$\text{Discount} = 18000 - 85 \times 150 = \text{Rs. } 5250 \text{ Rs}$$

S69. Ans.(d)

Sol. Let X is a series consists $3x - 6, 3x - 3, 3x, 3x + 3, 3x + 6$

ATQ, $3x - 6 + 3x - 3 + 3x + 3x + 3 + 3x + 6 = 36 \times 5$

$x = 12$

And, X series = 30, 33, 36, 39, 42

Second smallest number of Y = $39 + 13 = 52$

Y series = 48, 52, 56, 60

Required sum = $30 + 60 = 90$

S70. Ans.(c)

Sol. Let the quantity of milk in vessel X be $5x$ and quantity of water be in vessel X be $4x$

Quantity of milk from vessel Y = $\frac{3}{5} \times 20 = 12 \text{ liters}$

Quantity of water from vessel Y = $\frac{2}{5} \times 20 = 8 \text{ liters}$

ATQ,

$$\frac{5x - 9 \times \frac{5}{9} + 12}{4x - 9 \times \frac{2}{9} + 8} = \frac{4}{3}$$

$$3 \times (5x - 5 + 12) = 4 \times (4x - 4 + 8)$$

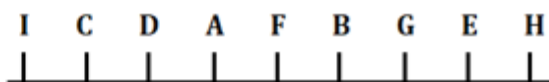
$$15x + 21 = 16x + 16$$

$$x = 5$$

Required answer = $5x + 4x = 9x = 45 \text{ liters}$

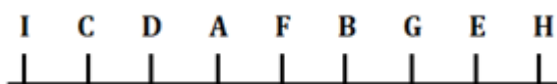
S71. Ans.(b)

Sol.



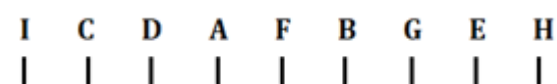
S72. Ans.(c)

Sol.



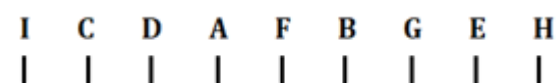
S73. Ans.(e)

Sol.



S74. Ans.(a)

Sol.



S75. Ans.(b)

Sol. I. $P < W$ (False)

II. $T \leq U$ (True)

S76. Ans.(d)

Sol. I. $L > R$ (False)

II. $Q \leq O$ (False)

S77. Ans.(e)

Sol. I. $A < H$ (True)

II. $E \geq D$ (True)

S78. Ans.(d)

Sol. I. $W > S$ (False)

II. $U \leq S$ (False)

S79. Ans.(d)

Sol.

| Floor | Flat-A | Flat-B |
|-------|------------|-----------|
| 3 | H - Grapes | F - Apple |
| 2 | D - Banana | L - Kiwi |
| 1 | K - Orange | G - Guava |

S80. Ans.(b)

Sol.

| Floor | Flat-A | Flat-B |
|-------|------------|-----------|
| 3 | H - Grapes | F - Apple |
| 2 | D - Banana | L - Kiwi |
| 1 | K - Orange | G - Guava |

S81. Ans.(e)

Sol.

| Floor | Flat-A | Flat-B |
|-------|------------|-----------|
| 3 | H - Grapes | F - Apple |
| 2 | D - Banana | L - Kiwi |
| 1 | K - Orange | G - Guava |

S82. Ans.(c)

Sol.

| Floor | Flat-A | Flat-B |
|-------|------------|-----------|
| 3 | H - Grapes | F - Apple |
| 2 | D - Banana | L - Kiwi |
| 1 | K - Orange | G - Guava |

S83. Ans.(b)

Sol.

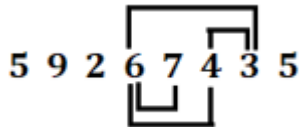
| Floor | Flat-A | Flat-B |
|-------|------------|-----------|
| 3 | H - Grapes | F - Apple |
| 2 | D - Banana | L - Kiwi |
| 1 | K - Orange | G - Guava |

S84. Ans.(e)

Sol. EARN, NEAR

S85. Ans.(d)

Sol. Four pairs



S86. Ans.(b)

Sol.

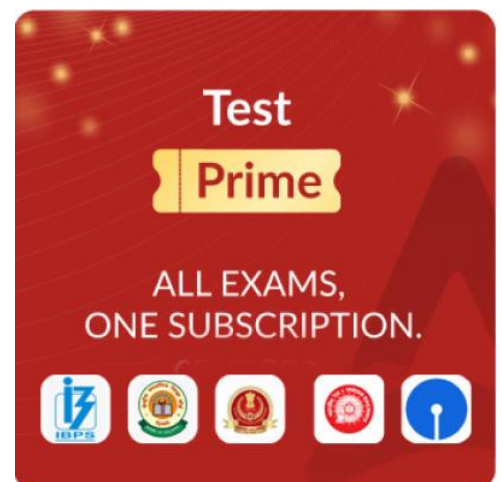
| Numbers | Boxes | Colors |
|---------|-------|--------|
| 7 | B | Green |
| 6 | G | Violet |
| 5 | E | Blue |
| 4 | C | Orange |
| 3 | F | Red |
| 2 | A | Indigo |
| 1 | D | Yellow |



S87. Ans.(d)

Sol.

| Numbers | Boxes | Colors |
|---------|-------|--------|
| 7 | B | Green |
| 6 | G | Violet |
| 5 | E | Blue |
| 4 | C | Orange |
| 3 | F | Red |
| 2 | A | Indigo |
| 1 | D | Yellow |



S88. Ans.(a)

Sol.

| Numbers | Boxes | Colors |
|---------|-------|--------|
| 7 | B | Green |
| 6 | G | Violet |
| 5 | E | Blue |
| 4 | C | Orange |
| 3 | F | Red |
| 2 | A | Indigo |
| 1 | D | Yellow |

S89. Ans.(e)

Sol.

| Numbers | Boxes | Colors |
|---------|-------|--------|
| 7 | B | Green |
| 6 | G | Violet |
| 5 | E | Blue |
| 4 | C | Orange |
| 3 | F | Red |
| 2 | A | Indigo |
| 1 | D | Yellow |

S90. Ans.(b)

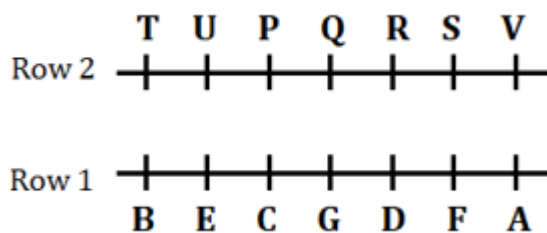
Sol.

| Numbers | Boxes | Colors |
|---------|-------|--------|
| 7 | B | Green |
| 6 | G | Violet |
| 5 | E | Blue |
| 4 | C | Orange |
| 3 | F | Red |
| 2 | A | Indigo |
| 1 | D | Yellow |



S91. Ans.(c)

Sol.



S92. Ans.(c)

Sol.

Row 2 T U P Q R S V
 |-----|-----|-----|-----|-----|-----|

Row 1 |-----|-----|-----|-----|-----|-----|
 B E C G D F A

S93. Ans.(e)

Sol.

Row 2 T U P Q R S V
 |-----|-----|-----|-----|-----|-----|

Row 1 |-----|-----|-----|-----|-----|-----|
 B E C G D F A

S94. Ans.(b)

Sol.

Row 2 T U P Q R S V
 |-----|-----|-----|-----|-----|-----|

Row 1 |-----|-----|-----|-----|-----|-----|
 B E C G D F A

S95. Ans.(a)

Sol.

Row 2 T U P Q R S V
 |-----|-----|-----|-----|-----|-----|

Row 1 |-----|-----|-----|-----|-----|-----|
 B E C G D F A

S96. Ans.(b)

Sol.

| Year | Age | Persons |
|------|-----|---------|
| 1975 | 50 | N |
| 1978 | 47 | R |
| 1989 | 36 | P |
| 1992 | 33 | Q |
| 1995 | 30 | L |
| 1996 | 29 | U |
| 2007 | 18 | M |
| 2010 | 15 | K |

S97. Ans.(e)

Sol.

| Year | Age | Persons |
|------|-----|---------|
| 1975 | 50 | N |
| 1978 | 47 | R |
| 1989 | 36 | P |
| 1992 | 33 | Q |
| 1995 | 30 | L |
| 1996 | 29 | U |
| 2007 | 18 | M |
| 2010 | 15 | K |

S98. Ans.(e)

Sol.

| Year | Age | Persons |
|------|-----|---------|
| 1975 | 50 | N |
| 1978 | 47 | R |
| 1989 | 36 | P |
| 1992 | 33 | Q |
| 1995 | 30 | L |
| 1996 | 29 | U |
| 2007 | 18 | M |
| 2010 | 15 | K |

S99. Ans.(c)

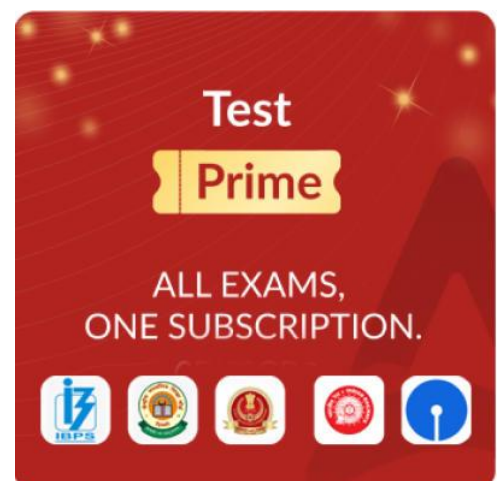
Sol.

| Year | Age | Persons |
|------|-----|---------|
| 1975 | 50 | N |
| 1978 | 47 | R |
| 1989 | 36 | P |
| 1992 | 33 | Q |
| 1995 | 30 | L |
| 1996 | 29 | U |
| 2007 | 18 | M |
| 2010 | 15 | K |

S100. Ans.(d)

Sol.

| Year | Age | Persons |
|------|-----|---------|
| 1975 | 50 | N |
| 1978 | 47 | R |
| 1989 | 36 | P |
| 1992 | 33 | Q |
| 1995 | 30 | L |
| 1996 | 29 | U |
| 2007 | 18 | M |
| 2010 | 15 | K |



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