

SBI PO Pre 2024-25 Memory Based Paper 16-Mar-2025-1st shift

Directions (1-8): Read the following passage and answer the questions given below.

India's population **dynamics (A)** have been a subject of extensive debate among policymakers, business leaders, and social commentators. The discussion encompasses concerns about both the rapid increase in numbers and the simultaneous **drop** in fertility rates, creating a complex demographic landscape that will shape the country's future.

One of the most notable trends observed over the past few decades is the **steady** decline in population growth. The Census data from 2001-2011 showed a population growth rate of 17.70 per cent, down from 21.54 per cent in the previous decade. This marked the slowest growth rate in sixty years. The last time such a low growth rate was **recorded (B)** was in 1951, when it stood at 13.31 per cent. Experts attribute this trend to various factors, including improved healthcare, and widespread access to family planning.

A major concern is the **decline (C)** in the Total Fertility Rate (TFR), which has fallen below the replacement level of 2.1. This indicates that the current generation is not replacing itself, leading to a projected decline in the number of people in the working age group. However, this trend is not universally accepted. Some experts view it as a challenge, while others see it as an opportunity for economic growth and development.

The government has implemented various policies to address these challenges. A focus on improving healthcare and education, particularly for women, is seen as a key strategy to manage the declining fertility rates. Additionally, efforts are being made to create a more inclusive economic environment, which could help in managing the demographic transition.

As India moves towards the 21st century, it must strike a balance between managing the declining fertility rates and ensuring a sustainable workforce. The government's role in this process is crucial in shaping the future of the country. Whether India can successfully navigate these challenges remains to be seen.

Q1. According to the passage, which factor is NOT mentioned as a reason for the declining population growth?

- (I) Increased access to family planning
 - (II) Greater life expectancy
 - (III) Rising unemployment
- (a) Only I and II
(b) Only II and III
(c) Only III
(d) Only I and III
(e) I, II, and III

Q2. Which of the words has been incorrectly used in the passage?

- (a) Dynamics
- (b) Recorded
- (c) Declining
- (d) Speculated
- (e) All are correct

Q3. Identify which of the following statements is correct as per the passage.

- (I) A declining fertility rate could lead to an aging population, which may impact social welfare systems.
 - (II) Countries like Japan and some European nations have faced economic challenges due to a falling birth rate.
 - (III) A fertility rate of 2.1 is considered high for a developing country like India.
- (a) Only I and II
 - (b) Only II and III
 - (c) Only I and III
 - (d) Only III
 - (e) I, II, and III

Q4. Choose

- (a) Cumulative
- (b) Shrinking
- (c) Strengthening
- (d) Reduced
- (e) Producing

Q5. Identify

- (I) India's population growth has been consistently increasing over the last 50 years.
 - (II) The slow economic growth in India is primarily due to a declining fertility rate.
 - (III) The past decade has seen a significant increase in India's fertility rate, leading to rapid economic growth.
- (a) Only I and II
 - (b) Only II and III
 - (c) Only I and III
 - (d) Only III
 - (e) I, II, and III

Q6. Which of the following is the closest synonym of the word "plummet" as used in the passage?

- (a) Plummet
- (b) Fall
- (c) Suspend
- (d) Elevate
- (e) Fluctuate

Q7. Why is a Total Fertility Rate (TFR) of 2.1 considered important, according to the passage?

- (I) It ensures that the number of births is just enough to replace the existing population.
 - (II) It helps prevent population decline, which could lead to labor shortages and economic stagnation.
 - (III) It guarantees that economic growth will accelerate without any demographic challenges.
- (a) Only I and II
 - (b) Only II and III
 - (c) Only I and III
 - (d) Only I
 - (e) I, II, and III

Q8. Which of the following is the closest synonym of the word "steady" as used in the passage?

- (a) Consistent
- (b) Abrupt
- (c) Unreliable
- (d) Erratic
- (e) Temporary

Directions (9-14): 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.

In a significant move to address online safety, Australia's House of Representatives has passed a bill that would require social media companies to implement age verification measures. Under the bill, companies must ensure that users are of legal age before allowing them to access certain features. The government argues that this measure is necessary to protect children from online dangers. "The bill is a necessary step to ensure the safety of our children," said an Australian MP in support of the legislation. Critics argue that the bill could infringe on privacy risks associated with online activities. If the bill passes, it will join a growing number of countries that have implemented online safety measures for minors. As digital technology continues to evolve, the balance between internet freedom and child protection remains a crucial issue.

Q9. Select the

- (a) safeguard
- (b) jeopardize
- (c) confusing
- (d) endangering
- (e) capturing

Q10. Select the most appropriate option to fill in the blank B.

- (a) promote
- (b) permit
- (c) invite
- (d) limiting
- (e) prohibit

Q11. Select the most appropriate option to fill in the blank C.

- (a) rejection
- (b) guide
- (c) consent
- (d) instruction
- (e) obstruction

Q12. Select the most appropriate option to fill in the blank D.

- (a) criticizing
- (b) condemning
- (c) ridiculing
- (d) praising
- (e) ignoring

Q13. Select the most appropriate option to fill in the blank D.

- (a) guide
- (b) mislead
- (c) push
- (d) abandon
- (e) deprive

Q14. Select the most appropriate option to fill in the blank D.

- (a) neglecting
- (b) resisting
- (c) destroying
- (d) implementing
- (e) opposing

Directions: Read the following sentences and identify the grammatical or idiomatic error in it. The error, if any, will be in one part of the sentence. The corresponding letter of that part is the answer. If the given sentence is correct as it is, then choose option 'No error' as your answer response. (Ignore errors of punctuation, if any).

Q15. By the time the scientists (A)/ announced their findings, (B)/ they have conducted multiple rounds (C)/ of experiments to validate their results. (D)

- (a) A
- (b) B
- (c) C
- (d) D
- (e) No error

Q16. The team won the (A)/ championship, despite of the injuries (B)/ that plagued several key (C)/ players throughout the season. (D)

- (a) A
- (b) B
- (c) C
- (d) D
- (e) No error

Q17. The vase shattered (A)/ into pieces when (B)/ it fallen off the table (C)/ during the commotion. (D)

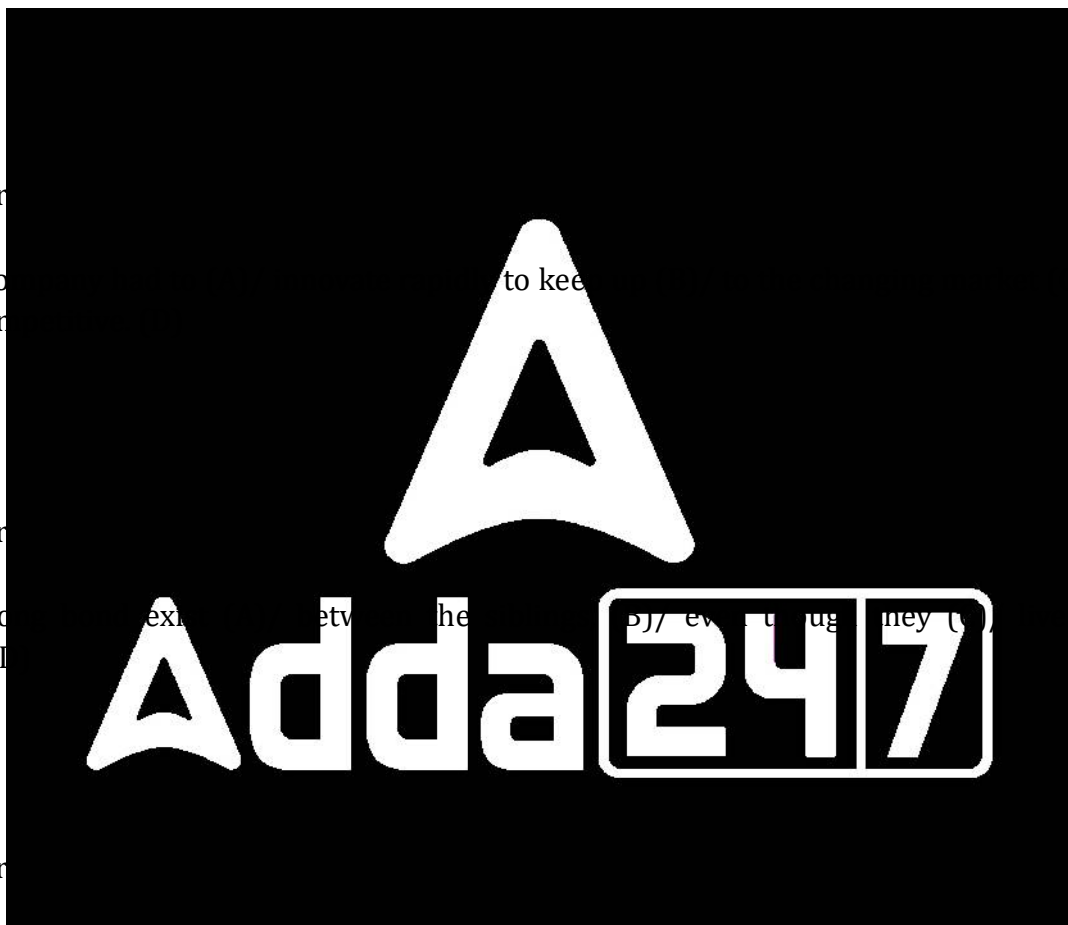
- (a) A
- (b) B
- (c) C
- (d) D
- (e) No error

Q18. The coach (A)/ demands that the players (B)/ to keep (C)/ their focus (D)/ and stay concentrated. (E)

- (a) A
- (b) B
- (c) C
- (d) D
- (e) No error

Q19. A strong (A)/ economic (B)/ growth (C)/ has been (D)/ observed (E)/ in different countries. (F)

- (a) A
- (b) B
- (c) C
- (d) D
- (e) No error



Directions (20-21): The sentence given below consists of an idiom/phrasal verb given in bold. From the given alternatives, identify the most suitable option reflecting the meaning of the idiom/phrasal verb

Q20. In the meeting, James kept complaining about the mistake he made last week, but his manager told him not to **cry over spilled milk** and instead focus on fixing the current issues.

- (a) To be extremely careful
- (b) To regret something that can't be changed
- (c) To make an issue bigger than it is
- (d) To delay making a decision
- (e) To ignore a problem completely

Q21. The negotiations between the two companies have been going on for months, but a final agreement is still **up in the air**.

- (a) Completely forgotten
- (b) Dismissed as unimportant
- (c) Already confirmed
- (d) Yet to be decided
- (e) Postponed indefinitely

Directions (22-24): In the question a section is given in bold, which may or may not grammatically correct. Choose the correct alternative for the highlighted part so to make a grammatically correct and meaningful statement.

Q22. I didn't **respond to his letter** but he had actually taken place.

- (a) respond
- (b) respond
- (c) respond
- (d) respond
- (e) No repla

Q23. My sister **is a college student** even

- (a) My sister
- (b) My sister
- (c) Mine sist
- (d) My siste
- (e) No repla

Q24. The low **is for** cri zed for main aining poor educational stan

- (a) is high c for main ained
- (b) is high c for main aining
- (c) is high c ed by maint ining
- (d) is highly
- (e) No impr

Directions These four words are may not have been placed in their correct positions. The sentence is then followed by options with the correct combination of words that should replace each other in order to make the sentence grammatically and contextually correct. Find the correct combination of the words that should replace each other.

Q25. Because of its **appetite (A) voracious (B)**, the shark is often **creature (C)** more of an eating machine than a living **considered (D)**.

- (a) A-D
- (b) A-C & B-D
- (c) B-C
- (d) A-B & C-D
- (e) No interchange required

Q26. During the ice **storm (A)**, the hotel owner **stranded (B)** his **greed (C)** by overcharging **showed (D)** people for their hotel rooms.

- (a) A-B
- (b) B-D
- (c) B-C
- (d) C-D
- (e) No interchange required

Q27. The **school (A)** set a **end (B)** of reading at least 100 books by the **goal (C)** of the **students (D)** year.

- (a) A-B
- (b) A-C & B-D
- (c) B-C & A-D
- (d) A-B & C-D
- (e) No interchange required

Q28. Her **depression (A)** was **safe (B)** **evident (C)** **conversation (D)** **more cross (E)**

- (a) B-A
- (b) B-C
- (c) A-D
- (d) C-D
- (e) No interchange required

Q29. People **received (C)** **est (D)** **tes (E)** **are considered (B) too (A)** **because they (F)**

- (a) B-C & A-D
- (b) A-C
- (c) B-C
- (d) A-B & C-D
- (e) No interchange required

Directions **Choose the option that will connect the phrases to form meaningful and correct sentences.**

Q30. Column-I

- (A) The little girl's eyes lit up with excitement as she unwrapped her birthday
- (B) The scientist spent years researching a cure for the rare disease
- (C) While walking through the abandoned mansion, the group of friends couldn't

Column-II

- (D) shake the eerie feeling that they were being watched from the shadows
- (E) present and found the very doll she had been wishing for all year
- (F) the little boy was thrilled to see his lost puppy running toward him



- (a) A-D & B-F
(b) C-E
(c) A-E & C-D
(d) B-D
(e) None of the above

Q31. Column-I

- (A) As the deadline approached, the employees worked late into the night, making sure
(B) As the final whistle blew, the underdog team celebrated their unexpected victory,
(C) Despite the freezing temperatures and strong winds, the hikers continued their journey

Column-II

- (D) that every detail of the project was perfect before submitting it to their boss
(E) proving

(F) up the m

(a) A-D, B-E

(b) C-E

(c) A-D & B-

(d) B-D

(e) None of

Q32. Column-I

- (A) Heavy rain fell over the city
(B) After years of hard work, the artist finally
(C) The motivation of the young man was

Column-II

(D) treatment had puzzled researchers

(E) winning

(F) him that

(a) A-D & B-

(b) C-E

(c) A-E & C-

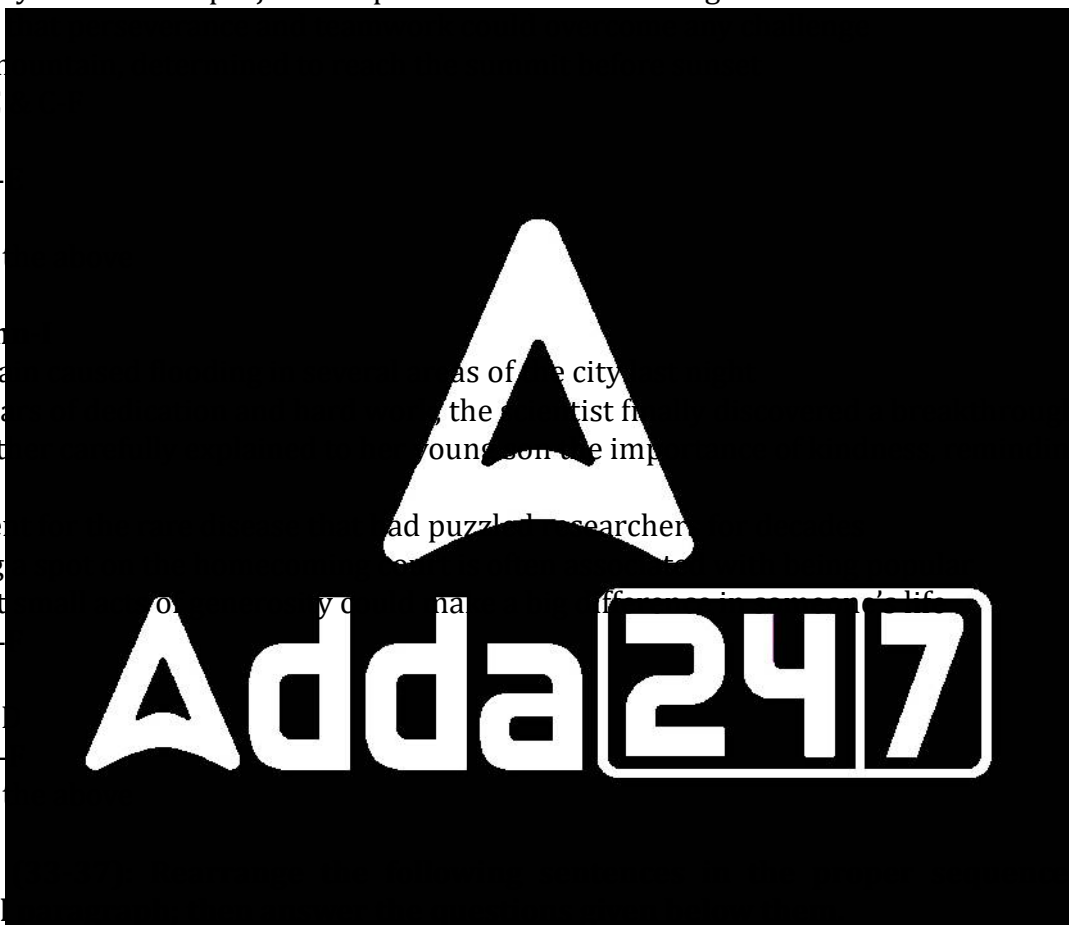
(d) B-D & C-

(e) None of

Directions
meaningful

to form a

- (A) Therefore, while technology offers numerous benefits, it is essential to address its challenges to ensure responsible and sustainable development.
(B) With these advancements, businesses can operate more smoothly, and individuals can perform tasks faster than ever before.
(C) The rise of the internet and smartphones has made instant communication possible, connecting people across the globe.
(D) Additionally, artificial intelligence and automation are reshaping industries by improving efficiency and reducing human effort.
(E) Technology has transformed the way we communicate, work, and access information in today's world.
(F) However, the rapid growth of technology also raises concerns about privacy, cybersecurity, and job displacement.



Q33. Which of the following should be the **THIRD** sentence after rearrangement?

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

Q34. Which of the following should be the **first** sentence after rearrangement?

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

Q35. Which

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

Q36. Which of the following should be the **second** sentence after rearrangement?

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

Q37. Which of the following should be the **last** sentence after rearrangement?

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



Directions (38-40): In the question below, a statement has been given with two words omitted. Following the statement are five set of words which may fit in the blanks in the similar sequence as given. Choose the most appropriate set of words to make the statement contextually correct and grammatically meaningful.

Q38. You must carefully _____ the best images for your project and then _____ them to enhance their quality.

- (a) rectify, survive
- (b) finalize, submit
- (c) write, proofread
- (d) choose, edit
- (e) create, publish

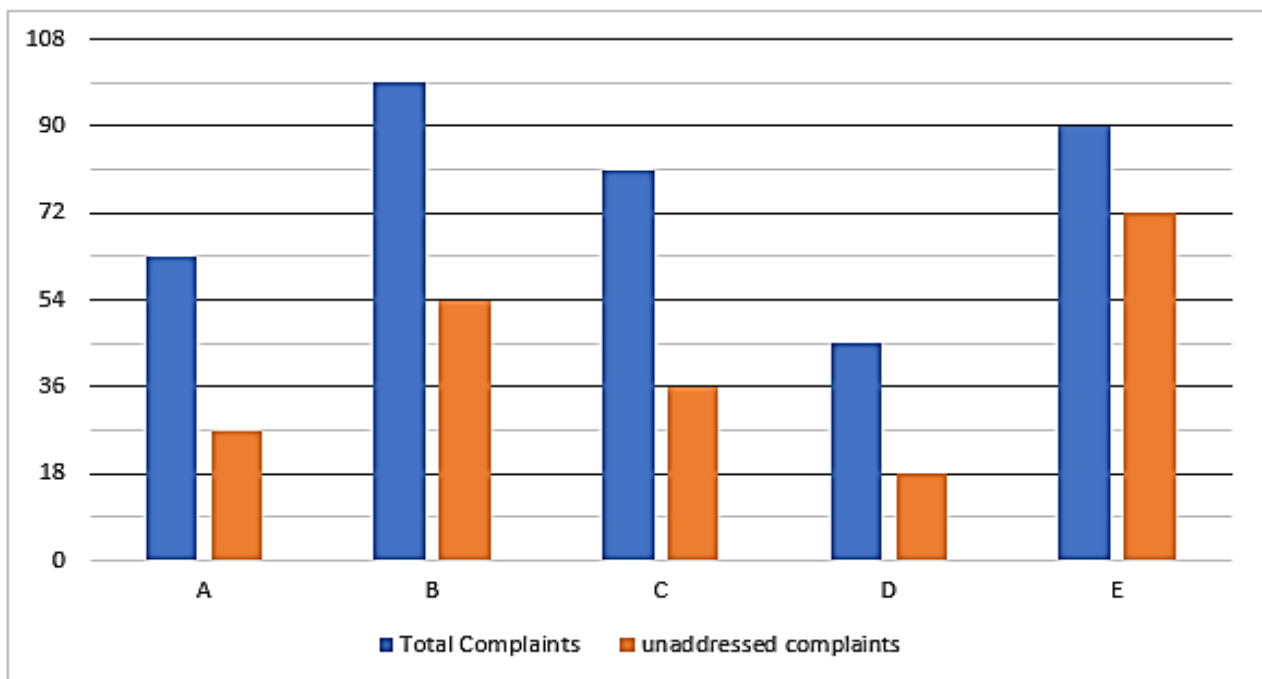
Q39. Regular practice will _____ your skills and help you _____ confidence in your abilities.

- (a) empower, reduce
- (b) maintain, forfeit
- (c) enhance, gain
- (d) deteriorate, break
- (e) develop, destroy

Q40. She was _____ about the innovative ideas, which were later _____ to improve workflow efficiency.

- (a) realistic, absconded
- (b) pessimistic, floundered
- (c) confused, persevered
- (d) apprehensive, persevered
- (e) enthusiastic, persevered

Directions _____ the _____ and total
unaddressed _____ es. R _____ the following
questions.



Note – Total complaints = addressed complaints + unaddressed complaints

Q41. Total complaints filed in city D and E is what percentage of total addressed complaints in A and B.

- (a) 110.10
- (b) 166.66
- (c) 116.13
- (d) 118.18
- (e) 110.20

Q42. Find the ratio of undressed complaints in C and D together to addressed complaints in A and E.

- (a) 1:1
- (b) 6:7
- (c) 6:5
- (d) 1:3
- (e) 3:1

Q43. In city F, total complaint filed are average complaints filed in A and D. The ratio of undressed complaints in F to addressed complaints in C is 4:5. Find the addressed complaints in F.

- (a) 18
- (b) 60
- (c) 36
- (d) 42
- (e) 40

Q44. If total robbery complaints in A are 120 and out of these 120 robbery complaints 40% are addressed. Find the addressed robbery complaints in A.

- (a) 18
- (b) 16
- (c) 6
- (d) 12
- (e) 14

Q45. If the ratio of addressed to undressed complaints in A is 3:2 and in B is 2:1. Find the difference between the number of addressed complaints in A and B.

- (a) 100
- (b) 60
- (c) 63
- (d) 42
- (e) 40

Directions: Read the following table carefully and answer the questions that follow. The table shows the number of students and percentage of students attended the seminar in four different schools.

Schools	Number of girls	Percentage of boys out of total number of students	Percentage of students attended the seminar out of the total students
P	120	40%	x%
Q	80	80%	40%
R	35	65%	y%
S	50	75%	60%

Note – I. x is the 5% of average number students in P & Q and y is 12.5% of the total students attended the seminar in Q.

II. Total students = total girls + total boys

III. Total students = total students attended the seminar + total students not attended the seminar.

Q46. Find the students who are not attending the seminar in S is what percentage of the total girl in P and total boys in Q together (approx.).

- (a) 21
- (b) 6
- (c) 11
- (d) 18
- (e) 25

Q47. If the sum of the

- (a) 100
- (b) 60
- (c) 63
- (d) 42
- (e) 48

Q48. The d

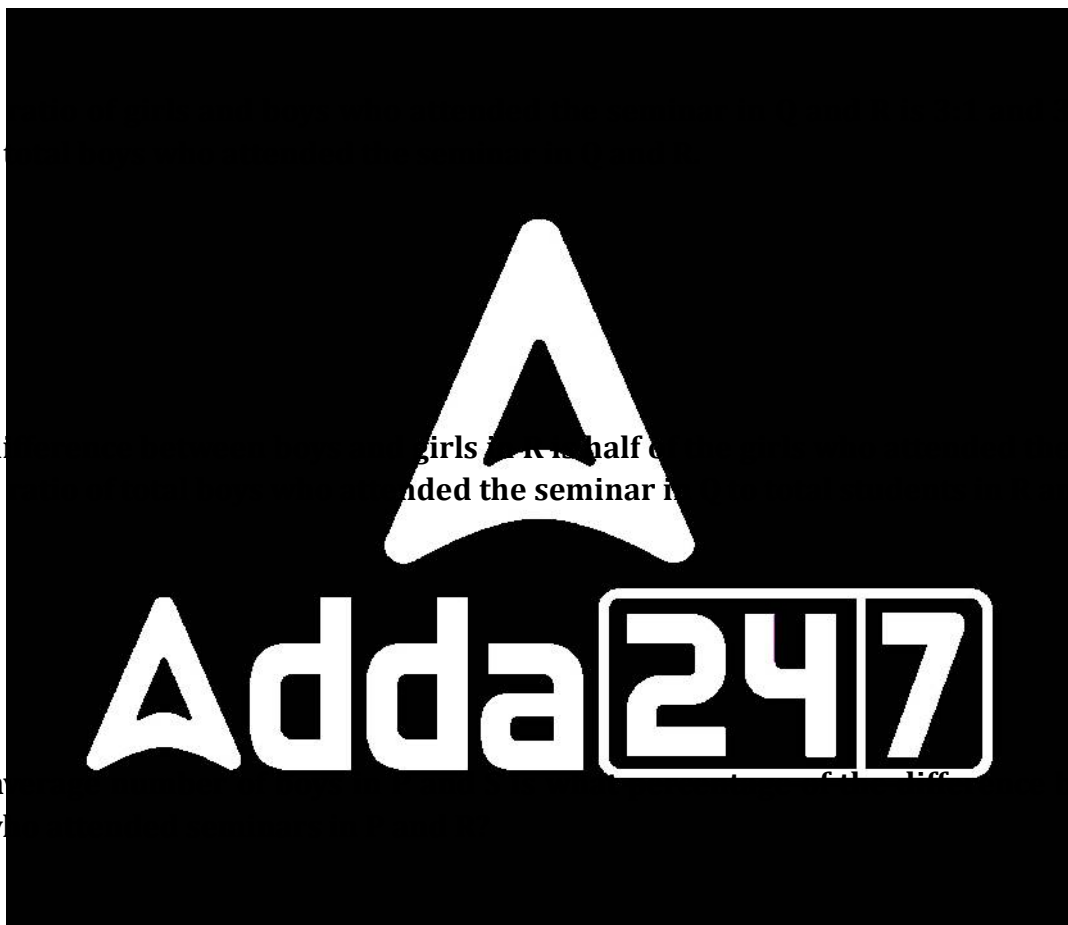
- (a) 1:1
- (b) 6:7
- (c) 6:5
- (d) 1:3
- (e) 3:1

Q49. The a

- (a) 1010
- (b) 1160
- (c) 1130
- (d) 1150
- (e) 1140

Q50. In school E, the ratio of boys to girls is the same as in P, and boys in E are 20% more than girls in R. Find the girls in E.

- (a) 100
- (b) 60
- (c) 63
- (d) 42
- (e) 40



Directions (51-54): The information about the total number of girls and boys who are appeared and who are not appeared in an exam from three different schools (A, B and C).

The total number of students in all the schools is 350, out of which 150 students are in B. Boys in A are equal to girls in C. Boys in C is equal to girls in A, i.e., 25. Equal numbers of boys and girls in B.

In A, 20% of boys did not appear in the exam, which is five more than girls who appeared in the examination.

In B, girls did not appear in the exam from A are equal to boys who did not appear in the exam from B. The total number of students who did not appear in the exam is 40.

In C, the ratio of students who did not appear to those who appeared in the exam is 1:1. 45 girls did not appear for the exam.

Q51. Find the ratio of students who appeared in exam from C.

- (a) 1:2
- (b) 3:2
- (c) 3:1
- (d) 2:1
- (e) 1:5

Q52. Find the total number of students who are not appeared in exam from A.

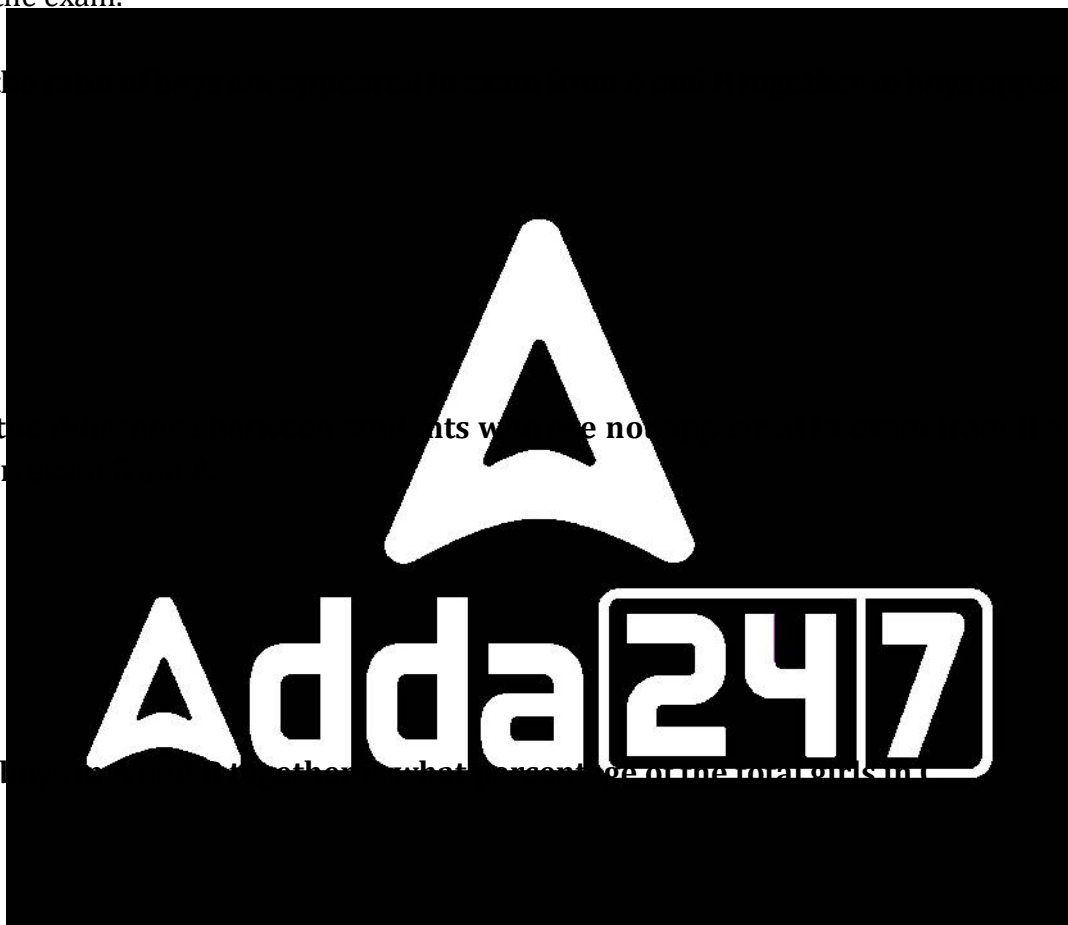
- (a) 60
- (b) 30
- (c) 36
- (d) 12
- (e) 15

Q53. Total number of students who appeared in exam from B.

- (a) 200
- (b) 20
- (c) 10
- (d) 100
- (e) 150

Q54. The ratio of total students in D to total students who are not appeared in exam from C is 3:5. Total girls in D is 20% less than total boys who are not appeared in exam from A. Find the total boys in D.

- (a) 18
- (b) 9
- (c) 36
- (d) 12
- (e) 15



Q55. What is the S.I accrued on a principle of Rs.6000 in 5 years.

Quantity I – The rate of interest for the first 2 years is 10% and for the last 3 years is 15%.

Quantity II – Rs.3900

- (a) Quantity I > Quantity II
- (b) Quantity I < Quantity II
- (c) Quantity I $\geq$ Quantity II
- (d) Quantity I $\leq$ Quantity II
- (e) Quantity I = Quantity II or no relation

Q56. A and B started a business with investments of Rs 8000 and Rs 12000. After four months, A withdrew the amount invested by him. After one year, the profit share of A was

- (a) 42500
- (b) 36000
- (c) 47800
- (d) 49000
- (e) 41000

Q57. A man invested Rs. 15000 in a bank which offers compound interest at the rate of 10% per annum. After two years, the amount received by the man is

- (a) 13500
- (b) 14000
- (c) 12000
- (d) 12500
- (e) 14500

Q58. A mixture of 60 litres contains milk and water in the ratio of 4:1. If 6 litres of water are taken out, then the ratio of milk to water becomes

- (a) 4
- (b) 12
- (c) 18
- (d) 2
- (e) 10

Q59. The ratio of ages of A to B two years ago was 13:15. After 5 years, the age of B is four years more than the age of A. Find the present age of B (in years).

- (a) 26
- (b) 28
- (c) 32
- (d) 30
- (e) 38

Q60. A man spends 20% of his income on rent and 25% of the remaining on his clothes, and the remaining income is invested in FD and RD in the ratio of 1:4, respectively. If the difference between the amount invested on FD and the amount spent on cloth is Rs 1680, then find the income of the man (in Rs).

- (a) 26000
- (b) 24000
- (c) 21000
- (d) 23000
- (e) 20000

Q61. The ratio of the length and breadth of a rectangle is 4:3. If the area of the rectangle is 216 sq. cm, then find the perimeter of the rectangle.

- (a) 616
- (b) 824
- (c) 940
- (d) 756
- (e) None of these

Q62. The average weight of all the workers in a factory is 18 kg. If there are 15 workers, then find the average weight of all the workers.

- (a) 8
- (b) 12
- (c) 10
- (d) 18
- (e) 15

Q63. A shopkeeper marked an article 60% above its cost price and allowed a 10% discount. He earned a profit of Rs 24. Find the cost price of the article.

- (a) 24
- (b) 30
- (c) 34
- (d) 18
- (e) 20

Q64. X, Y, and Z can complete a work in 20 days, 16 days, and 8 days respectively. If X and Z work together for D days, and Y completes the remaining work in 2D days, then find the value of 3D.

- (a) 15
- (b) 8
- (c) 4
- (d) 12
- (e) 10

Q65. The speed of a stream is 20% of the downstream speed of a boat. The boat covers 180 km upstream in 6 hours. If the boat covers $(D - 5)$ km downstream and $(D + 60)$ km upstream in 5.9 hours, then find the value of D.

- (a) 100
- (b) 80
- (c) 75
- (d) 65
- (e) 70

Q66. The length of train X is 80% more than that of train Y. The speed of train X is 108 km/hr, and it crosses a platform of length 120 m in 24 seconds. Find the time taken for train X to cross train Y.

- (a) 30
- (b) 54
- (c) 24
- (d) Can't be determined
- (e) 80

Q67. Set P consists of 10 consecutive even numbers. The sum of the first 5 numbers of set P is equal to the sum of the last 5 numbers of set P. Find the smallest number in set P and the largest number in set Q.

- (a) 11
- (b) 12
- (c) 13
- (d) 17
- (e) 19

Directions (Q68-Q70): A number series is given below. Find the missing number in the series.

Q68. 7, 296

- (a) 1657
- (b) 1296
- (c) 790
- (d) 2252
- (e) 198

Q69. 18, 82, 207, 423, 768, ?

- (a) 1278
- (b) 820
- (c) 184
- (d) 568
- (e) 1234

(a) 78
(b) 84
(c) 18
(d) 68
(e) 23

Fourteen persons A, B, C, D, E, F, G sit in Rows 1 and 2. In Row 1, persons sit in both rows sit exactly opposite to each other in the same order. V sits fourth between D and E in Row 2. In Row 1, persons sit to the right of C. Row 2 has 7 persons sit between C and D. G sits 3 hours to the left of S. The one who sits opposite to G sits either an immediate neighbour to the extreme ends of the row.

(a) A
(b) The pers
(c) The pers
(d) F
(e) C

- (a) S-E
- (b) Q-A
- (c) T-F
- (d) R-D
- (e) U-E

(a) Third to the left
(b) Immediate left
(c) Fourth to the right
(d) Fourth to the left
(e) Third to the right

(e) Only II and III

(e) C

right of I is $\leq$ than the number of persons sitting between I and the number of persons sitting to the right of E.

(e) Second to the right

(e) None

Q78. Four of the following five are alike in a certain way and thus form a group. Find the one which doesn't belong to the group.

- (a) F - A
- (b) B - E
- (c) J - I
- (d) D - C
- (e) G - J

Q79. Who among the following sits second to the left of the person who sits fourth to the right of G?

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

Q80. Which of the following is the correct arrangement?

- (a) A sits immediately to the left of E
- (b) E and C are immediate neighbours
- (c) B sits second to the right of G
- (d) One person sits between A and E
- (e) I sits third to the right of G

Directions

Nine persons born in different years, namely, 1968, 1972, 1975, 1978, 1983, 1988, 1998, and 2009. Their ages are calculated as per the base year 2022. L is three years younger than H. One person was born between M and F. Two persons are younger than M. More than two persons were born between M and A. H is immediately younger than A. A is three years older than E. E is not the youngest person.

Q81. How many persons were born between M and A?

- (a) As many persons as between M and A
- (b) Two
- (c) As many persons born between F and H
- (d) Five
- (e) As many persons born between M and D

Q82. What is the sum of ages of H, F and K?

- (a) 135 years
- (b) 148 years
- (c) 129 years
- (d) 128 years
- (e) 151 years

(a) F - 1989
(b) D- 1983
(c) R- 1972
(d) L- 1975
(e) None is correct

(a) M, K
(b) R, H
(c) K, S
(d) F, A
(e) L, M

(a) 12 years
(b) 15 years
(c) 17 years
(d) 22 years
(e) None of these

Eight persons
Watch, Bag and
A purchased
purchased B
purchased C
many persons
watch. G do
Two persons
purchased the

purchased different it
er ne

Pencil, Book, the one who the one who calculator. As o purchased tely after D. se Lamp. B

(a) E
(b) B
(c) C
(d) G
(e) F

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

Q88. Which of the following pairs is incorrect?

- (a) D - Watch
- (b) E - Pen
- (c) B - Bag
- (d) G - pencil
- (e) F - Calculator

Q89. Which of the following statements is true?

- (a) G purchased before the one who purchased watch
- (b) F was the last one to purchase the item.
- (c) The one who purchased pen is the first one to purchase the item
- (d) E purchased the Notebook
- (e) G purchased the Notebook

Q90. How many

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

Q91. If we form a word by using the letter from the left end of the word and the letter from the right end of the word, then which of the following words can be formed. If more than one word can be formed, mark X as your answer. If none can be formed, mark Z as your answer.

- (a) P
- (b) T
- (c) A
- (d) X
- (e) Z

Directions (Q92-Q94): In the question below, some statements are given followed by some conclusions. You have to determine which of the conclusions logically follow from the given statements.

Q92. Statements:

All pink are tulips.
Only a few tulips are flowers.
Some pink are yellow.

Conclusions:

- I. Some yellow are not flowers.
- II. Some yellow being tulips is a possibility.
- (a) If only conclusion I follow
- (b) If only conclusion II follow
- (c) If either conclusion I or II follow
- (d) If neither conclusion I nor II follow
- (e) If both conclusions I and II follow

Q93. Statements:

Only a few train are truck.

Some train are not buses.

No truck is van.

Conclusions:

I. No buses being van is a possibility.

II. All train being truck is a possibility.

(a) If only conclusion I follow

(b) If only conclusion II follow

(c) If either conclusion I or II follow

(d) If neither

(e) If both co

Q94. Statem

No chair is t

Only chair a

All table are

Conclusion

I. No desk is

II. Some des

(a) If only co

(b) If only co

(c) If either

(d) If neither

(e) If both co

Q95. If in the word "APRIL" all the vowels are replaced with the opposite letter in English Alphabet and all the consonants are replaced with the second vowel letter, then find how many letters will be formed?

(a) Two

(b) One

(c) Three

(d) Four

(e) Five

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

Seven persons A, B, C, D, E, F, G - sit in a row facing north. They also like different fruits – pear, apple, grape, mango, kiwi, cherry, papaya. The information is not used in the same order as given.

B sits four places to the right of the one who likes mango. Two persons sit between B and D. The number of persons to the left of D is one less than the number of persons to the right of the one who likes papaya. The one who likes kiwi sits third to the left of G. The one who likes pear sits immediate left of A. One person sits between A and the one who likes grape. The number of persons to the left of A is same as the number of persons between F and the one who likes cherry. F and C do not like pear.

Q96. E likes which among the following fruit?

- (a) Papaya
- (b) Mango
- (c) Grape
- (d) Apple
- (e) Pear

Q97. How many persons sit between C and the one who likes apple?

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

Q98. Which of the following person likes grape?

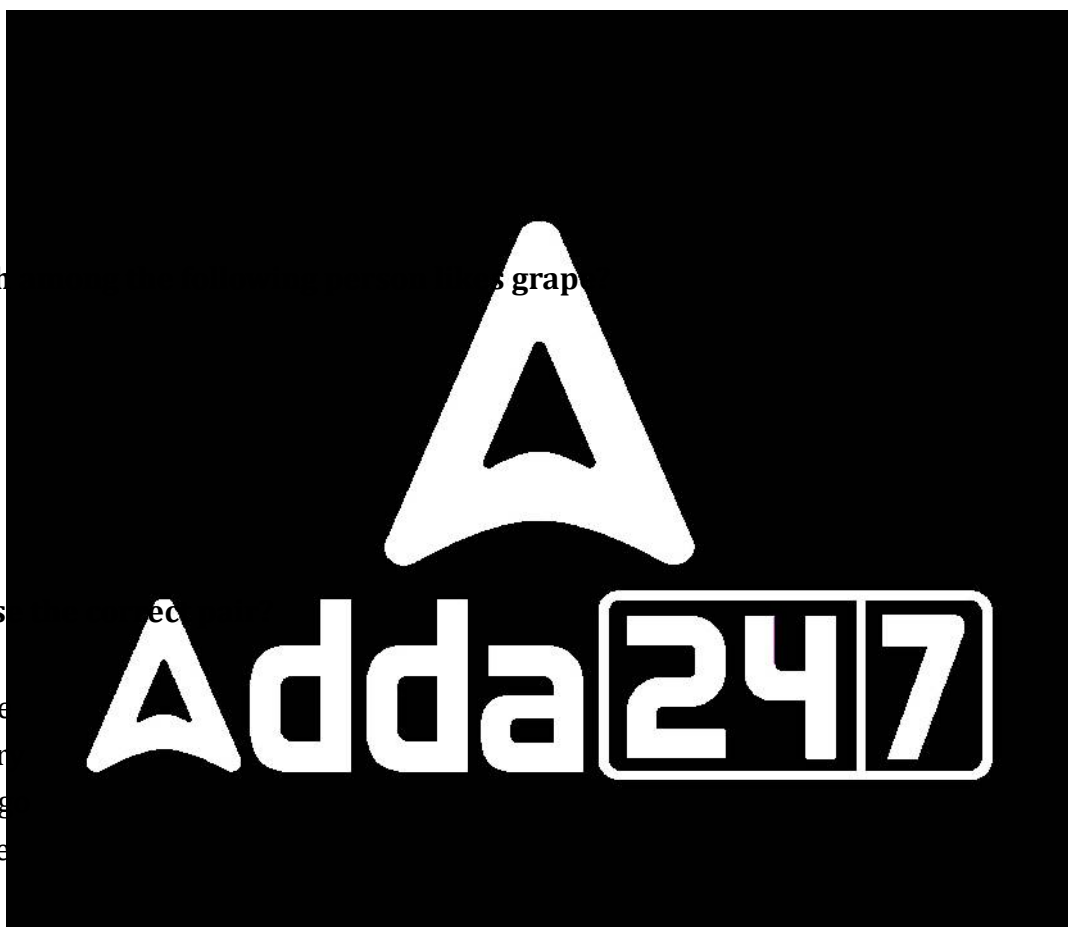
- (a) C
- (b) F
- (c) D
- (d) G
- (e) B

Q99. Choose the correct option.

- (a) F - kiwi
- (b) C - grape
- (c) D - cherry
- (d) A - mango
- (e) B - apple

Q100. Which of the following statement is/are correct?

- I. G likes papaya
 - II. C and D sit adjacent to each other.
 - III. Two persons sit to the left of E.
- (a) Only II
 - (b) Only I
 - (c) Only I and II
 - (d) Only II and III
 - (e) Only I and III



Solutions

S1. Ans.(c)

Sol. Statements I and II are correct as the passage explicitly mentions urbanization and family planning awareness as key factors in declining population growth. However, Statement III is incorrect because the passage does not discuss unemployment as a reason for lower birth rates.

S2. Ans.(d)

Sol. "Speculated" (d) is incorrect in this context. The correct word should be **"sparked"** instead of "speculated."

The sentence states that the declining fertility rate has led to **mixed reactions**, meaning it has **triggered** or **caused** a response in different contexts.

"Dynamics" refers to the interactions and changes within a system, which is not the intended meaning here.

Thus, the correct answer is (d).

S3. Ans.(a)

Sol. Statement I is incorrect as it suggests that the declining fertility rate is a problem in an aging population, which is not the case. The passage states that the rate is a system of birth and death rates.

Statement II is correct as it mentions that the rate has faced economic challenges, which is supported by the passage.

Statement III is incorrect as it states that the rate is at the replacement level, not high. The passage states that the rate is at the replacement level, not high.

S4. Ans.(b)

Sol. The passage mentions that the declining fertility rate is a result of a fall in the birth rate, meaning the population is getting smaller.

"Shrinking" is the most appropriate word to convey the idea of a gradual reduction in size, aligning with the passage's context.

"Cumulative" refers to something that increases over time, which is not the intended meaning here.

"Strengthening" refers to making something stronger, which is not the intended meaning here.

"Reduced" is a general term for something that has become smaller, but it does not capture the gradual nature of the decline.

"shrinking" is the most appropriate word to convey the idea of a gradual reduction in size, aligning with the passage's context.

"Producing" (e) is unrelated to the meaning of a workforce getting smaller.

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

S5. Ans.(c)

Sol. Statement I is incorrect: The passage states that the population growth rate has been declining, not increasing, over the past six decades.

Statement II is correct: The passage confirms that 2001-2011 had the slowest population growth rate in 60 years.

Statement III is incorrect: The passage presents mixed opinions about the declining fertility rate, mentioning both benefits and concerns, but does not conclude that it is entirely beneficial for economic growth.

S6. Ans.(b)

Sol. The word "**drop**" in the passage refers to a **decline** in fertility rates, meaning a gradual or steady decrease.

"**Fall**" (b) is the closest synonym in this context, as it also indicates a decrease.

"**Plummet**" (a) means a **sharp and sudden** decline, which is not implied in the passage.

"**Suspend**" (c) means to **pause or stop temporarily**, which does not match the context.

"**Elevate**" (d) means to **increase or rise**, which is the opposite of "drop."

"**Fluctuate**" (e) means to **vary or change frequently**, which does not convey a consistent decrease.

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

S7. Ans.(a)

Sol. Statement 1 says, "The government's goal is to maintain a steady level fertility rate." Statement 2 says, "The government's goal is to lead to a shrinking workforce." Statement 3 says, "The government's goal is to claim that maintaining a steady level fertility rate is essential for economic growth."

S8. Ans.(a)

Sol. The word "gradual" means a slow and steady increase or decrease. "Consistent" means a steady and regular increase or decrease. "Abrupt" means a sudden and unexpected change. "Unreliable" means not trustworthy. "Erratic" means irregular and unpredictable. "Temporary" means lasting for a short period of time.

"**Consistent**" (a) means a steady and regular increase or decrease.

"**Abrupt**" (b) means a sudden and unexpected change.

"**Unreliable**" (c) means not trustworthy.

"**Erratic**" (d) means irregular and unpredictable.

"**Temporary**" (e) means lasting for a short period of time.

Thus, the correct answer is (a) **Consistent**.

S9. Ans.(a)

Sol. The sentence says, "The government is considering a new law to protect children's online safety."

"**Safeguard**" (a) means to protect or defend against harm.

"**Jeopardize**" (b) means to put at risk or in danger.

"**Confusing**" (c) means to make something difficult to understand.

"**Endangering**" (d) means to put at risk or in danger.

"**Capturing**" (e) means to take possession or control of something.

Thus, the correct answer is (a) **Safeguard**.

S10. Ans.(e)

Sol. The bill **prevents** young children from accessing social media, so "**prohibit**" (meaning to forbid) is the best choice.

Prohibit – To officially forbid something. ✓

Promote – To encourage or advance. ✗

Permit – To allow or give permission. ✗

Invite – To request or ask someone to join. ✗

Limiting – To place restrictions or controls. ✗

S11. Ans.(c)

Sol. The sentence talks about parental permission, and "**consent**" means **giving approval** for something.

Consent – Permission or agreement for something. ✓

Rejection – The act of refusing or dismissing something. ✗

Guide – Someone who provides direction or information. ✗

Instruction – Teaching or giving directions. ✗

Obstruction – A blockage or hindrance. ✗

S12. Ans.(d)

Sol. Advocate

Praise – To

Criticizing –

Condemning –

Ridicule – Mock

Ignore – To

S13. Ans.(c)

Sol. The sentence talks about a physical space, so "**push**" is the correct answer.

Push – To move something. ✓

Guide – To

Mislead – To

Abandon – To

Deprive – To deny someone something necessary.

S14. Ans.(d)

Sol. The sentence talks about a plan, so "**implement**" is the correct answer.

Implement – To

Neglecting –

Resisting – Fighting against or opposing. ✗

Destroying – Ruining or completely breaking. ✗

Opposing – Disagreeing or acting against something. ✗

S15. Ans.(c)

Sol. Here's a part-by-part grammatical analysis:

(A) "**By the time the scientists**"

- **Grammatical Role:** Introduces a time clause.
- **Correctness:** No error.
- **Reason:** "By the time" sets a past time frame, which is correctly followed by a past event in the main clause.

(B) "announced their findings,"

- **Grammatical Role:** Main clause (simple past tense).
- **Correctness:** No error.
- **Reason:** "Announced" is correctly in the simple past tense, matching the time frame introduced by "By the time."

(C) "they have conducted multiple rounds"

- **Grammatical Role:** Dependent clause with incorrect verb tense.
- **Error:** "Have conducted" is in the present perfect tense, which is inappropriate when describing an action completed before another past event.
- **Correction:** Replace "have conducted" with "had conducted" (past perfect tense) to indicate the sequence of events.

(D) "of experiments to validate their results"

- **Grammatical Role:** Prepositional phrase.
- **Correctness:** No error.
- **Reason:** The phrase "of experiments to validate their results" is correctly used with the preposition "of" to indicate the purpose of the experiments.

Final Sentence

By the time the team announced their findings, they had completed multiple rounds of experiments to validate their results.

Summary:

The error lies in the use of the present perfect tense for actions in the past.

Grammar Rule

When referring to actions completed before another past event, use the **past perfect tense** (e.g., "had conducted") instead of the present perfect tense for the action that occurred first (e.g., "have conducted").

S16. Ans.(b)

Sol. The correct answer is (b).

Explanation:

The phrase "in spite of" is incorrect. The correct preposition is "despite" which does not require "of" to follow it.

Grammatical Rule

(A) "The team"

- **Grammatical Role:** Subject of the sentence.
- **Correctness:** No error.
- **Reason:** The sentence starts with a proper subject ("The team"), verb ("won"), and object ("the championship").

(B) "championship, despite of the injuries"

- **Grammatical Role:** Prepositional phrase indicating contrast.
- **Error:** "Despite of" is incorrect; "despite" should be used alone.
- **Correction:** Remove "of" to write "**championship, despite the injuries.**"

(C) "that plagued several key"

- **Grammatical Role:** Relative clause modifying "injuries."
- **Correctness:** No error.
- **Reason:** "That plagued" is a proper relative clause, and "key" is an appropriate adjective modifying "players."

(D) "players throughout the season."

- **Grammatical Role:** Prepositional phrase indicating duration.
- **Correctness:** No error.
- **Reason:** The structure and word choice are correct, with "throughout" appropriately expressing continuous impact over the season.

Correct Sentence:

The team won the championship, **despite the injuries** that plagued several key players throughout the season.

Grammatical Rule:

1. **"Despite" vs. "In spite of":**

- "Despite" is a preposition that does **not** require "of."
- "In spite of" is a prepositional phrase that includes "of."
- Example: "Despite the rain, the game continued." (Correct)
- Example: "In spite of the rain, the game continued." (Correct)
- Example: "Despite of the rain, the game continued." (Incorrect)
- Example: "In spite of the rain, the game continued." (Correct)

2. **Relative Clauses:**

essential

The error lies in the use of the relative clause "that" without a comma, which is not appropriate for non-essential information.

S17. Ans.(c)

Sol. The correct

Explanation:

The verb "fall" is used in the past tense form "fell" in the sentence. The sentence is "The ball fell off the table." The correct verb form for the past tense is "fell", not the past participle "fallen".

Grammatical Rule:

(A) "The vase"

- **Grammatical Role:** The phrase "The vase" is a noun phrase acting as the subject of the sentence.
- **Correctness:** No error.
- **Reason:** "Shattered" is correctly used in the past tense to describe an action that occurred in the past.

(B) "into pieces"

- **Grammatical Role:** The phrase "into pieces" is a prepositional phrase indicating the result of the action.
- **Correctness:** No error.
- **Reason:** "Into pieces" and "when" are used appropriately to indicate the result and the time of the action.

(C) "it fallen off the table"

- **Grammatical Role:** Dependent clause with incorrect verb form.
- **Error:** The past participle "fallen" is incorrect for a simple past context.
- **Correction:** Replace "fallen" with "fell" to write **"it fell off the table."**

(D) "during the commotion."

- **Grammatical Role:** Prepositional phrase indicating the circumstances under which the event occurred.
- **Correctness:** No error.
- **Reason:** The phrase is grammatically and contextually correct.

Correct Sentence:

The vase shattered into pieces when it **fell** off the table during the commotion.

Grammatical Rule:**1. Verb Tense in Past Context:**

- Use **simple past tense** ("fell") for actions that occurred at a specific moment in the past.
- Use **past participle** ("fallen") only with auxiliary verbs like "has," "have," or "had."
- Example:
- Correct: "It fell off the table."
- Correct: "It had fallen off the table."

The error lies in **part (C)** due to the incorrect verb form "fallen."

S18. Ans.(c)

Sol. The correct sentence is:

Explanation:

The phrase "keep up" in this context is "v" (verb) and "up" (adverb).

Grammatical Rule:

(A) "The company"

- **Grammatical Role:** Subject ("The company"), and verb ("innovate").
- **Correctness:** Correct.
- **Reasoning:** The subject is "The company" and the verb is "innovate".

(B) "innovate"

- **Grammatical Role:** Verb ("innovate").
- **Correctness:** Correct.
- **Reasoning:** The verb is "innovate".

(C) "to the company"

- **Grammatical Role:** Prepositional phrase modifying "keep up".
- **Error:** The preposition "to" is incorrect. It should be "with" to correct for "keep up".
- **Correction:** Replace "to" with "with" to write "with the changing market".

(D) "demand"

- **Grammatical Role:** Noun ("demand").
- **Correctness:** Correct.
- **Reasoning:** The noun is "demand".

Correct Sentence:

The company had to innovate rapidly to keep up **with** the changing market demands and stay competitive.

Grammatical Rule:**1. Correct Preposition with "Keep Up":**

- The phrase "keep up" is always followed by "**with**" when referring to staying at the same level or pace as someone or something.
- Example:
- Correct: "She tries to keep up with the latest trends."
- Incorrect: "She tries to keep up to the latest trends."

The error lies in **part (C)** due to the incorrect preposition "to."

S19. Ans.(a)

Sol. The correct answer is **(a) A**.

Explanation:

The subject "**bond**" is singular, so the verb "**exist**" is incorrect. A singular subject requires a singular verb. The correct verb is "**exists**."

Grammatical Analysis:

(A) "A strong bond exist"

- **Grammatical Role:** Subject-verb agreement issue.
- **Error:** The singular subject "bond" does not agree with the plural verb "exist."
- **Correction:** Replace "exist" with "exists."

(B) "between"

- **Grammatical Role:** Preposition used to describe the bond.
- **Correction:** No correction needed.
- **Reasoning:** "between" is correctly used to connect entities, and "the siblings" is the correct subject.

(C) "even though"

- **Grammatical Role:** Conjunction used to introduce a contrasting idea.
- **Correction:** No correction needed.
- **Reasoning:** "even though" is correctly used to introduce a contrasting idea.

(D) "live in"

- **Grammatical Role:** Verb phrase indicating the current state.
- **Correction:** No correction needed.
- **Reasoning:** "live in" is correctly used to describe the current state.

Correct Sentence:

A strong bond exists between the siblings, even though they live in different countries.

Grammatical Analysis:

1. Subject-Verb Agreement

- A singular subject requires a singular verb.
- A plural subject requires a plural verb.
- Example: "The bond exists."
- Correct: "The bond exists."
- Incorrect: "The bond exist."

The error lies in **part (A)** due to incorrect subject-verb agreement.

S20. Ans.(b)

Sol. The correct answer is:

✓ **(b) To regret something that can't be changed**

Explanation:

The idiom "**cry over spilled milk**" means **to regret something that cannot be undone or changed**, similar to lamenting over a situation that has already passed and cannot be altered. In the context of the sentence, **James** is told to stop dwelling on a past mistake and focus on solving current problems.

Meaning of the options:

1. **(b) To regret something that can't be changed** (Correct):
 - **English:** To feel sorrow or remorse for something that has happened and cannot be undone.
 - **Hindi:** ऐसा पछताना जो कुछ बदला नहीं जा सकता (जो पहले हो चुका हो, उसके लिए अफसोस करना)
 - **Why correct:** The idiom "**cry over spilled milk**" directly aligns with the idea of **regretting past mistakes** that can't be changed.
2. **(a) To be extremely careful:**
 - **English:** To take great care in what one does.
 - **Hindi:** अत्यधिक सावधान रहना
 - **Why incorrect:** This doesn't align with the meaning of "**cry over spilled milk**", which focuses on regret, not caution.
3. **(c) To miss an opportunity:**
 - **English:** To fail to take advantage of a chance.
 - **Hindi:** अवसर का भ्रम होना
 - **Why incorrect:** The idiom "**cry over spilled milk**" is about regretting the past, not missing an opportunity.
4. **(d) To be undecided:**
 - **English:** To be in a state of indecision.
 - **Hindi:** अनिश्चित होना
 - **Why incorrect:** The idiom "**cry over spilled milk**" is about regret, not being undecided.
5. **(e) To ignore a problem:**
 - **English:** To refuse to deal with a problem.
 - **Hindi:** समस्या को नज़रअंदाज़ करना
 - **Why incorrect:** The idiom "**cry over spilled milk**" is about regretting something that cannot be changed, which is what the idiom signifies.

Final Answer:

- ✓ (b) To regret something that can't be changed

S21. Ans.(d)

Sol. The correct answer is (d) Yet to be decided.

- ✓ (d) Yet to be decided

Explanation:

The phrase "**up in the air**" means that something is **uncertain or not yet decided**. In this case, the negotiations have been ongoing for months, but a final agreement is still uncertain, meaning it is **yet to be decided**.

Meaning of the options:

1. **(d) Yet to be decided** (Correct):
 - **English:** Not yet determined or finalized.
 - **Hindi:** अभी तय नहीं हुआ (जो अभी तक निर्धारित नहीं किया गया हो)
 - **Why correct:** "**Up in the air**" is used to describe something that is still uncertain, which fits perfectly with the ongoing negotiations that have not yet resulted in a final agreement.

2. (a) **Completely forgotten:**

- **English:** Something that is no longer remembered or considered.
- **Hindi:** पूरी तरह से भूल जाना
- **Why incorrect:** "Up in the air" does not mean forgotten, but rather indicates uncertainty or indecision.

3. (b) **Dismissed as unimportant:**

- **English:** Something that is not considered significant or worthy of attention.
- **Hindi:** महत्वहीन समझना
- **Why incorrect:** The phrase does not imply that the agreement has been dismissed as unimportant; it implies uncertainty or that it has not been finalized yet.

4. (c) **Already confirmed:**

- **English:** Something that has already been confirmed or agreed upon.
- **Hindi:** पहले से ही सुनिश्चित होना
- **Why incorrect:** The phrase does not imply that the agreement has been confirmed; it implies uncertainty or that it has not been finalized yet.

5. (e) **Postponed:**

- **English:** Something that has been postponed or delayed.
- **Hindi:** टाला हुआ
- **Why incorrect:** The phrase does not imply that the agreement has been postponed; it implies uncertainty or that it has not been finalized yet.

Final Answer:

✓ (d) Yet to be confirmed

S22. Ans.(b)

Sol. The correct answer is (b) respond until I fully grasped.

✓ (b) respond until I fully grasped

The highlighted phrase "until I fully grasped" is incorrect because "fully" is an adverb and it should be the **adverb** to correctly modify the verb "grasped". The verb "grasp" requires the adverb (fully) to describe how the action is performed, but an adjective (fully) is used instead.

Explanation:

1. (a) respond until I fully grasp:

- **Grammatically Incorrect:** "Grasp" is in the present tense, which doesn't match the past tense used in the first part of the sentence ("didn't know").
- **Why incorrect:** Using "grasping" instead of "grasped" creates a tense mismatch with "didn't know," which is in the past tense.

2. (b) respond until I fully grasped:

- **Correct:** This option uses "grasped" in the **past tense**, which is consistent with the past tense of "didn't know how to respond." "Fully" is the correct adverb modifying the verb "grasped."
- **Why correct:** This keeps the verb tense consistent and uses the correct adverb.

3. (c) respond until I fully grasp:

- **Grammatically Incorrect:** "Grasp" is in the present tense, which doesn't match the past tense used in the first part of the sentence ("didn't know").
- **Why incorrect:** This creates a tense inconsistency, where the first part of the sentence is in the past tense and the second part is in the present tense.

4. (d) responded until I fully grasped:

- **Grammatically Incorrect:** "Responded" is in the past tense, but it is not consistent with the intended meaning of the sentence. "Responded" changes the meaning slightly and makes the construction awkward.
- **Why incorrect:** The intended meaning of the sentence is about the inability to respond until a full understanding occurred, but "responded" suggests that the action was already in the past and finished.

5. (e) No replacement needed:

- **Grammatically Incorrect:** The phrase "full grasped" is incorrect because "full" is an adjective and needs to be replaced with the adverb "fully".
- **Why incorrect:** Even though this option suggests no changes, it doesn't address the problem with

Final Answer:

✓ (b) resp

S23. Ans.(e)

Sol. The cor

✓ (e) No r

Explanation

- **My sister has taken the same:**
 - **English:** Grammatically correct. It uses the present perfect tense ("has taken"), which is appropriate for an action that started in the past and continues to the present. The use of "the same" is clear.
 - **Hindi:** मेरी बहन ने वही (The same) लिया है। (My sister has taken the same.)

Analysis of options:

- (a) My sister has taken the same:
 - **Why incorrect:** "has taken" should be preceded by "has" or "had" to form the correct tense. With
- (b) My sister has taken the same:
 - **Why incorrect:** "has taken" is correct because the sentence refers to an action that has been ongoing in the past and continues to the present. It should be in the present perfect tense.
- (c) Mine sister took the same:
 - **Why incorrect:** "Mine" is used incorrectly. The correct possessive pronoun here is "My", not "Mine". Also, "took" is in the past tense, which doesn't match the ongoing nature of the action.
- (d) My sister's takes the same:
 - **Why incorrect:** "My sister's" implies possession and would require a noun following it. Additionally, "takes" doesn't work with the tense and structure of the sentence.

Final Answer:

✓ (e) No replacement needed

The original sentence is grammatically correct.

S24. Ans.(d)

Sol. The correct answer is:

✓ (d) is highly criticised for maintaining

Explanation:

The sentence requires the correct form of the verb and adverb to ensure grammatical accuracy. The phrase "is highly criticised" is the proper construction, as it uses the adverb "highly" to modify "criticised".

Analysis of Other Options:

• (a) is high criticised for maintained:

- "High" is incorrectly used as an adjective, while "maintained" is in the wrong tense. The correct adverb is "highly" and the correct verb form is "maintaining".

• (b) is highly criticised for maintained:

- "Highly" is correctly used as an adverb, but "maintained" is in the wrong tense. The correct verb form is "maintaining".

• (c) is highly criticised for maintaining:

- "By" is incorrectly used as a preposition. The correct preposition is "for".
- "Why" is incorrectly used as a conjunction. The correct conjunction is "and".

• (e) No incorrect phrase:

- "Why" is incorrectly used as a conjunction. The correct conjunction is "and".

Final Answer:

✓ (d) is highly criticised for maintaining

S25. Ans.(d)

Sol. The correct answer is:

✓ (d) A-B

Explanation:

Let's break down the sentence:

• **Appetite (A)**

- **English:** A strong desire for something, especially food.
- **Hindi:** भूख या किसी चीज़ के लिए तीव्र इच्छा।
- **Why incorrect in its position:** The word "appetite" refers to the desire to eat, so it should logically be followed by "voracious," which describes something that is eager or greedy, especially in terms of eating.

• **Voracious (B)**

- **English:** Having a very eager or insatiable appetite; eager to consume large quantities.
- **Hindi:** अत्यधिक भूखा, बहुत अधिक खाने का इच्छुक।
- **Why incorrect in its position:** "Voracious" should describe the shark's nature, as it fits the context of an animal that eats a lot. It should come right after "appetite" to modify it correctly.

- **Creature (C)**

- **English:** A living being, typically an animal.
- **Hindi:** प्राणी, जीव।
- **Why incorrect in its position:** "**Creature**" is the subject of the sentence but is misplaced. It should appear before "**more**" as it needs to refer to the shark.

- **Considered (D)**

- **English:** Thought of or regarded in a specific way.
- **Hindi:** माना गया, विचार किया गया।
- **Why incorrect in its position:** "**Considered**" needs to come after the word "**living**" to make the sentence grammatically correct.

Final Answer:

✓ (d) A-B & C-D

This creates a logical flow: "During the ice storm, the hotel owner **showed** his **greed** by overcharging people for their hotel rooms." This makes the sentence logically and grammatically correct.

S26. Ans.(b)

Sol. The correct answer is (b) B-D.

✓ (b) B-D

Explanation:

Let's break down the sentence and analyze the options:

- **Storm (A)**

- **English:** A violent disturbance of the atmosphere, especially with strong wind and rain or snow.
- **Hindi:** एक तेज़ और ख़तरनाक मौसम।
- **Why incorrect in its position:** The word "**storm**" is fine, but it's not the best choice for the context. The sentence is about a hotel owner's actions, not the weather itself.

- **Stranded (B)**

- **English:** A person or thing that is stuck in a place and cannot leave.
- **Hindi:** ज़रूरत में, किसी जगह पर फंसे रहना।
- **Why incorrect in its position:** "**Stranded**" should describe the people who were affected by the storm, not the hotel owner. The sentence is about the hotel owner's actions, not the people who were stranded.

- **Greed (C)**

- **English:** A strong desire for more money or power.
- **Hindi:** लालच, अधिकार के लिए बढ़ती चाहत।
- **Why incorrect in its position:** "**Greed**" should be the subject of the sentence, not the hotel owner's condition. It makes more sense for the hotel owner to "**show**" his greed through overcharging.

- **Showed (D)**

- **English:** To display or make something visible.
- **Hindi:** दिखाया (किसी चीज़ को प्रदर्शित करना)।
- **Why incorrect in its position:** "**Showed**" should come after the word "**greed**" to indicate the owner's display of greed. This fits logically with the sentence's meaning.

Final Answer:

✓ (b) B-D

The sentence would then be: "During the ice storm, the hotel owner **showed** his **greed** by overcharging people for their hotel rooms." This makes the sentence logically and grammatically correct.

S27. Ans.(c)

Sol. The correct answer is:

✓ (c) B-C & A-D

Explanation:

Let's break down the highlighted words and their meanings:

• **School (A)**

- **English:** An institution where students are taught.
- **Hindi:** स्कूल (एक संस्था जहाँ छात्रों को पढ़ाया जाता है)।
- **Why incorrect in its position:** "School" is correct as the subject of the sentence but should be linked to the verb "taught".

• **End (B)**

- **English:** The end of something.
- **Hindi:** अंत (कुछ चीजों का अंत)।
- **Why incorrect in its position:** "End" should refer to a goal related to the subject "Students".

• **Goal (C)**

- **English:** A purpose or aim.
- **Hindi:** लक्ष्य (किसी काम के लिए निर्धारित लक्ष्य)।
- **Why incorrect in its position:** "Goal" should describe what the students are aiming for (a goal to read 10 books).

• **Students**

- **English:** People who are studying.
- **Hindi:** छात्र (पढ़ने वाले)।
- **Why incorrect in its position:** "Students" should be placed at the end of the sentence, indicating who is being targeted by the goal.

Final Answer:

✓ (c) B-C & A-D

This makes the sentence clear: "Students should be placed at the end of the sentence, indicating who is being targeted by the goal."

This creates a logical flow.

S28. Ans.(b)

Sol. The correct answer is:

✓ (b) B-C

Explanation:

Let's break down the highlighted words and their meanings:

• **Determination (A)**

- **English:** The firmness of purpose; the quality of being determined to do something.
- **Hindi:** दृढ़ निश्चय (कोई काम करने का पक्का इरादा)।
- **Why incorrect in its position:** "Determination" is correctly placed as the subject of the sentence, so it doesn't need to be changed.

- **Deliberate (B)**

- **English:** Done with full awareness, intention, or thought; careful and intentional.
- **Hindi:** जानबूझ कर, सोच-समझ कर किया गया।
- **Why incorrect in its position:** "**Deliberate**" is used to describe an action that is done with careful intention. It should describe how the "**conversation**" was conducted, but here it is misplaced.

- **Evident (C)**

- **English:** Clearly visible or obvious.
- **Hindi:** स्पष्ट, स्पष्ट रूप से दिखाई देना।
- **Why incorrect in its position:** "**Evident**" should be used to describe something clear or obvious, such as the "**conversation**" being clear or obvious, but it is incorrectly placed before "**con**

- **Conversation**

- **English:** ...ing that the
- **Hindi:** ...
- **Why** ...ing that the conversation

Final Answer

✓ (b) B-C

This makes ... on to keep ... she had a ...
deliberate ... both ... creates a ...
grammatica ... aning ... tence

S29. Ans.(e)

Sol. The cor

✓ (e) No in

Explanation

Let's break ... e highlighted words and their meanings:

- **Voted (A)**

- **English:** ... means to choose someone ... something in an elect
- **Hindi:** ...
- **Why** ... ed or chosen for the homecoming court.

- **Considered (B)**

- **English:** Thought about or regarded in a certain way.
- **Hindi:** माना गया, विचार किया गया।
- **Why correct:** "**Considered**" is appropriately used to mean that people are regarded as popular due to their votes.

- **Received (C)**

- **English:** The past tense of the verb "**receive**", meaning to get or be given something.
- **Hindi:** प्राप्त करना।
- **Why correct:** "**Received**" is correctly used to show that the people were given the highest number of votes.

- **Number (D)**

- **English:** The numerical amount of something.
- **Hindi:** संख्या।
- **Why correct:** "Number" is used correctly to refer to the total count of votes.

Final Answer:

☒ **(e) No interchange required**

The original sentence is grammatically and contextually correct: "People who are **voted** onto the homecoming court are **considered** popular because they **received** the highest **number** of votes."

S30. Ans.(c)

Sol. The correct

☒ **(c) A-E & C-D**

Explanation:

Let's break down

- **(A) The**

- **Explanation:** This sentence is about excitement and a present. It's natural to find this connection. This would explain the excitement.

- **(C) While**

- **Explanation:** This sentence is about a scene in an eerie mansion. It connects logically to the next sentence, which feels they are being watched. It creates an eerie and tense atmosphere.

Analysis of the options:

- **(a) A-D**

- **Why incorrect:** A-D doesn't make sense because the first sentence is about wrapping a gift, while the second is about being watched in a spooky mansion. Similarly, B-E doesn't make sense because the first sentence is about researching a cure, while the second is about being watched in a spooky mansion.

- **(b) C-E:**

- **Why incorrect:** C-E is about unwrapping a present, which creates an illogical connection.

- **(d) B-D:**

- **Why incorrect:** B-D is mismatched because B is about a scientist researching a cure, which doesn't logically relate to D about being watched in a spooky mansion.

- **(e) None of the above:**

- **Why incorrect:** As explained above, option (c) fits perfectly, so (e) is incorrect.

Final Answer:

☒ **(c) A-E & C-D**

This choice makes the most sense both logically and grammatically, maintaining coherence in each sentence pair.

S31. Ans.(a)

Sol. The correct answer is:

✓ (a) A-D, B-E & C-F

Explanation:

Let's break down the correct pairs and their logic:

- **(A) As the deadline approached, the employees worked late into the night, making sure**
 - **Explanation:** The employees are working late to meet a deadline, so it logically connects with **(D): "that every detail of the project was perfect before submitting it to their boss."** This fits perfectly because the employees are focused on ensuring the project is perfect.
- **(B) As the final whistle blew, the underdog team celebrated their unexpected victory**
 - **Explanation:** This connects with **(E): "prolonged the celebration for hours."** This is a logical continuation of celebrating a victory.
- **(C) Despite the harsh weather, the hikers completed their journey**
 - **Explanation:** This connects with **(F): "they reached the summit just before sunset."** It makes sense that they completed their journey despite the weather.

Analysis of

- **(b) C-E:**
 - **Why not?** Because C is about hikers and E is about a team celebrating, and E is about prolonging the celebration, which doesn't logically follow from C.
- **(d) B-D:**
 - **Why not?** Because B is about a team celebrating and D is about project details, which doesn't logically follow.
- **(e) None of the above**
 - **Why not?** Option (a) is the correct choice as it is the only one that logically connects all three sentences.

Final Answer

✓ (a) A-D, B-E & C-F

This choice of pairs (A-D, B-E, and C-F) is the only one that logically connects all three sentences in the context of each scene.

S32. Ans.(d)

Sol. The correct answer is:

✓ (d) B-D & C-F

Explanation:

Let's break down the correct pairs and their logic:

- **(A) Heavy rain caused flooding in several areas of the city last night**
 - This phrase is complete in itself, so there is no logical continuation needed for this part of the sentence.
- **(B) After years of dedication and hard work, the scientist finally discovered a breakthrough**
 - **(D) treatment for the rare disease that had puzzled researchers for decades** fits well here, as the scientist's breakthrough is related to discovering a treatment for a disease. The phrase logically continues the idea of the breakthrough being related to a medical discovery.

- **(C) The mother carefully explained to her young son the importance of kindness, reminding**
 - **(F) him that small acts of generosity could make a big difference in someone's life** fits here because it logically follows from the mother explaining kindness and reminding the son of the impact of generosity.

Analysis of Other Options:

- **(a) A-D & B-F:**
 - **Why incorrect:** **A-D** doesn't work because **A** talks about flooding due to rain, while **D** talks about medical treatment, which is unrelated. **B-F** is also incorrect because **F** talks about generosity, which doesn't connect directly to a breakthrough in science.
- **(b) C-E:**
 - **Why incorrect:** **C-E** is incorrect because **E** talks about homecoming court popularity, which is unrelated to the idea of a mother explaining kindness.

- **(c) A-E & B-F:**
 - **Why incorrect:** **A-E** is incorrect because **E** talks about homecoming court popularity in school, which is unrelated to the idea of a mother explaining kindness. **B-F** is also incorrect because **F** talks about generosity, which doesn't connect directly to a breakthrough in science.

- **(e) None of the above:**
 - **Why incorrect:** This option is incorrect because none of the other options provide a coherent sequence of sentences that logically follow the first sentence.

Final Answer:

- ✓ **(d) B-D-E-A-C-F:** This choice is the correct answer because it provides a coherent sequence of sentences that logically follow the first sentence.

S33. Ans.(a)

Sol. Correct

Explanation:

1. **(E) Introduction:** Introduces the main topic—how technology has transformed communication, work, and information access.
2. **(C) Expansion:** Expands on communication, highlighting the role of the internet and smartphones in connecting people globally.
3. **(D) Introduction of AI and Automation:** Introduces AI and automation, emphasizing their role in improving efficiency and reducing human effort.
4. **(B) Practical Benefits:** Explains the practical benefits of these advancements in business operations and personal tasks.
5. **(F) Introduction of Challenges:** Introduces the challenges associated with these advancements, such as job displacement and privacy concerns.
6. **(A) Conclusion:** Concludes the passage by summarizing the overall impact of technology and its challenges for the future.

This sequence ensures a **logical flow** from **introduction**, **specific advancements**, **benefits**, **challenges**, and a **concluding statement**.

S34. Ans.(c)

Sol. Correct Sequence: E - C - D - B - F - A

Explanation:

1. **(E) Introduces the main topic—how technology has transformed communication, work, and information access.**
2. **(C) Expands on communication, highlighting the role of the internet and smartphones in connecting people globally.**
3. **(D) Introduces AI and automation, emphasizing their role in improving efficiency and reducing human effort.**

4. **(B) Explains the practical benefits** of these advancements in **business operations and personal tasks**.
5. **(F) Introduces the counterpoint**, addressing concerns such as **privacy, cybersecurity, and job displacement**.
6. **(A) Concludes the discussion**, emphasizing the **need to balance benefits with challenges for responsible development**.

This sequence ensures a **logical flow** from **introduction, specific advancements, benefits, challenges, and a concluding statement**.

S35. Ans.(e)

Sol. Correct Sequence: E - C - D - B - F - A

Explanation

1. **(E) Introduces the topic**, discussing the impact of technology on work, and information.
2. **(C) Explores the benefits** of these advancements, such as smartphones in connecting people globally.
3. **(D) Introduces AI and automation**, emphasizing their role in improving efficiency and reducing human effort.
4. **(B) Explains the practical benefits** of these advancements in **business operations and personal tasks**.
5. **(F) Introduces the counterpoint**, addressing concerns such as **privacy, cybersecurity, and job displacement**.
6. **(A) Concludes the discussion**, emphasizing the **need to balance benefits with challenges for responsible development**.

This sequence ensures a **logical flow** from **introduction, specific advancements, benefits, challenges, and a concluding statement**.

S36. Ans.(d)

Sol. Correct Sequence: E - C - D - B - F - A

Explanation

1. **(E) Introduces the topic**, discussing the impact of technology on work, and information.
2. **(C) Explores the benefits** of these advancements, such as smartphones in connecting people globally.
3. **(D) Introduces AI and automation**, emphasizing their role in improving **efficiency and reducing human effort**.
4. **(B) Explains the practical benefits** of these advancements in **business operations and personal tasks**.
5. **(F) Introduces the counterpoint**, addressing concerns such as **privacy, cybersecurity, and job displacement**.
6. **(A) Concludes the discussion**, emphasizing the **need to balance benefits with challenges for responsible development**.

This sequence ensures a **logical flow** from **introduction, specific advancements, benefits, challenges, and a concluding statement**.

S37. Ans.(e)

Sol. Correct Sequence: E - C - D - B - F - A

Explanation:

1. **(E) Introduces the main topic—how technology has transformed communication, work, and information access.**
2. **(C) Expands on communication**, highlighting **the role of the internet and smartphones** in connecting people globally.
3. **(D) Introduces AI and automation**, emphasizing their role in improving **efficiency and reducing human effort**.
4. **(B) Explains the practical benefits** of these advancements in **business operations and personal tasks**.
5. **(F) Introduces challenges** such as **privacy, security, and job displacement**.
6. **(A) Concludes** by summarizing the **challenges for the future**.

This sequence provides a logical flow from introduction to challenges, benefits, and future outlook.

S38. Ans.(d)

Sol. The correct

✓ (d) choice

Explanation:

The sentence is about improving images for a project. The options are:

1. **(d) choose, edit, and finalize**
 - **Choose** means to pick or decide on something.
 - **Edit** means to make changes or improvements to something.
 - **Finalize** means to make a final decision or complete something.

Analysis of Other Options:

- **(a) rectify, survive:**
 - **Rectify** means to **correct** something, and **survive** means to continue to live or exist.
 - **Why incorrect:** "Survive" does not fit the context of enhancing images for a project. This option is not logically aligned with the task of improving images.
- **(b) finalize, submit:**
 - **Finalize** means to make a final decision or complete something, and **submit** means to hand something in or present it.
 - **Why incorrect:** "Finalize" could work in a project context, but **submit** doesn't make sense when referring to enhancing the quality of images. The sequence is not about improving the images.

- **(c) write, proofread:**
 - **Write** and **proofread** are typically used for text-based tasks, not images.
 - **Why incorrect:** These words are more suitable for writing projects rather than image editing, making them irrelevant here.
- **(e) create, publish:**
 - **Create** means to make something from scratch, and **publish** means to release it to the public.
 - **Why incorrect:** This sequence refers more to producing and releasing content, rather than improving it, which doesn't align with the task of enhancing the quality of images.

Final Answer:

✓ **(d) choose, edit**

S39. Ans.(c)

Sol. The correct

✓ **(c) enhance**

Explanation:

The sentence discusses the process of improving or refining something, which aligns with the meaning of 'enhance'.

options:

1. **(c) enhance**

- **Enhance** means to improve or make better.

- **Enhance** is used to describe the process of making something better or more complete, or extending its value.

- **Enhance** is often used in the context of improving skills, knowledge, or the quality of a product or service.

- **Gain** means to acquire or increase something, such as knowledge, experience, or resources.

- **Gain** is used to describe the process of acquiring something new or increasing the amount of something already possessed.

- **Gain** is often used in the context of increasing knowledge, skills, or resources.

- **Why incorrect:** **Gain** is used to describe the process of acquiring something new or increasing the amount of something already possessed, which doesn't align with the task of improving or refining something.

fits perfectly with the context of improving or refining something.

Analysis of other options:

- **(a) emphasize, reduce:**

- **Emphasize** means to give more importance or prominence to something, often by repeating it or highlighting it.

- **Emphasize** is used to describe the process of making something more prominent or important.

- **Emphasize** is often used in the context of making a point or highlighting a specific aspect of something.

- **Reduce** means to make something smaller or less in amount, often by removing or decreasing it.

- **Reduce** is used to describe the process of making something smaller or less in amount.

- **Reduce** is often used in the context of decreasing the amount of something, such as resources, costs, or time.

- **Why incorrect:** **Emphasize** and **reduce** are used to describe the process of making something more prominent or important, and making something smaller or less in amount, which doesn't align with the task of improving or refining something.

- **(b) maintain, lose:**

- **Maintain** means to keep something in its current state or condition, often by preventing it from changing or deteriorating.

- **Maintain** is used to describe the process of keeping something in its current state or condition.

- **Maintain** is often used in the context of keeping something in its current state or condition, such as a machine, a building, or a relationship.

- **Lose** means to no longer have or possess something, often because it has been removed or destroyed.

- **Lose** is used to describe the process of no longer having or possessing something.

- **Lose** is often used in the context of losing something, such as a game, a job, or a relationship.

- **Why incorrect:** **Maintain** and **lose** are used to describe the process of keeping something in its current state or condition, and no longer having or possessing something, which doesn't align with the task of improving or refining something.

Final Answer:

✓ **(c) enhance, gain**

S40. Ans.(e)

Sol. The correct answer is:

✔ (e) enthusiastic, implemented

Explanation:

The sentence suggests that the person had a **positive attitude** towards **innovative ideas**, and these ideas were later put into action to improve workflow efficiency. Let's look at the words:

1. **(e) enthusiastic, implemented** (Correct):

- **Enthusiastic:** Showing **eagerness** or strong interest.
 - **English:** Showing excitement or interest.

▪ **Hindi:**

- **Impl**

▪ **E**

▪ **H**

- **Why incorrect:** The word **positive** suggests a **positive attitude** towards **innovative ideas** and the ideas were later put into action to improve workflow efficiency.

Analysis of

• **(a) reali**

- **Real**
- **Absc**

- **W** is unrelated to the idea of improving efficiency, and

• **(b) pess**

- **Pess**
- **Final**

- **W** contradicts the idea of improving efficiency. **Final** means to make something final or complete.

• **(c) conf**

- **Conf**
- **Criticized:** Means to express disapproval or judgment.

- **Why incorrect:** If someone is **confused**, they wouldn't be enthusiastic about ideas, and **criticized** doesn't fit with the idea of improving efficiency.

• **(d) apprehensive, ignored:**

- **Apprehensive:** Means feeling **worried** or **anxious**.
- **Ignored:** Means not **paying attention to** or **disregarding** something.

- **Why incorrect:** If someone is **apprehensive**, they are not likely to be **enthusiastic** about the ideas. **Ignored** also contradicts the idea of implementing them.

Final Answer:

✔ (e) enthusiastic, implemented

S41. Ans.(b)

Sol.

Cites	Total Complaints	unaddressed complaints	addressed complaints
A	63	27	$63 - 27 = 36$
B	99	54	45
C	81	36	45
D	45	18	27
E	90	72	18

Required answer $\frac{45+90}{36+45} \times 100 = \frac{135}{81} \times 100 = 166.66\%$

S42. Ans.(a)

Sol.

Cites	Total Complaints	unaddressed complaints	addressed complaints
A	63	27	$63 - 27 = 36$
B	99	54	45
C	81	36	45
D	45	18	27
E	90	72	18

Required answer $\frac{36+18}{63+18} \times 100 = 111.11\%$

S43. Ans.(a)

Sol.

Cites	Total Complaints	unaddressed complaints	addressed complaints
A	63	27	$63 - 27 = 36$
B	99	54	45
C	81	36	45
D	45	18	27
E	90	72	18

Total complaints filed in F = $\frac{63+45}{2} = 54$

Unaddressed complaints in F = $\frac{4}{5} \times 45 = 36$

Addressed complaints in F = $54 - 36 = 18$

S44. Ans.(a)

Sol.

Cites	Total Complaints	unaddressed complaints	addressed complaints
A	63	27	$63 - 27 = 36$
B	99	54	45
C	81	36	45
D	45	18	27
E	90	72	18

Robbery complaints

Theft complaints

Unaddressed complaints

Addressed complaints

Required answer

S45. Ans.(d)

Sol.

Cites	Total Complaints	unaddressed complaints	addressed complaints
A	63	27	$63 - 27 = 36$
B	99	54	45
C	81	36	45
D	45	18	27
E	90	72	18

Complaints filed by females = $\frac{7}{9} \times 63 = 49$

Complaints filed by males = $63 - 49 = 14$

Unaddressed complaints which are filed by female = 10

Complaints addressed which are filed by female = $49 - 10 = 39$

Required answer = $81 - 39 = 42$.

S46. Ans.(d)

Sol. In P,

Total students = 100%

60% = 120

1% = 2

Total students = 200

Total boys = 40% of 200 = 80

In Q,

Total students = 100%

20% = 80

1% = 4

Total students = 400

Total boys = 80% of 400 = 320

Total students attended the seminar = 40% of 400 = 160

In R,

Total students = 100%

35% = 35

1% = 1

Total students = 100

Total boys = 35

In S,

Total students = 200

25% = 50

1% = 2

Total students = 200

Total boys = 80

Total students attended the seminar = 30

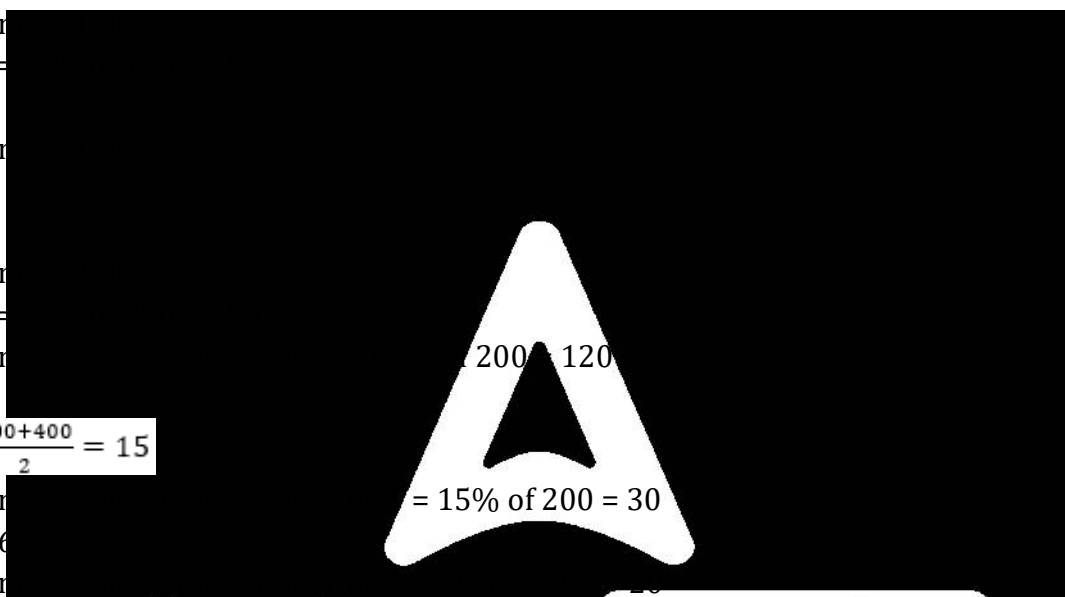
ATQ,

$$x = \frac{5}{100} \times \frac{200+400}{2} = 15$$

Total students = 200

y = 12.5% of 160 = 20

Total students = 200



Schools	Total students	Number of girls	Total boys	Students attended the seminar	Students not attended the seminar
P	200	120	80	30	170
Q	400	80	320	160	240
R	100	35	65	20	80
S	200	50	150	120	80

$$\text{Required answer} = \frac{80}{120+320} \times 100 = 18.18\% = 18\% \text{ (approx.)}$$

S47. Ans.(e)

Sol. In P,

Total students = 100%

60% = 120

1% = 2

Total students = 200

Total boys = 40% of 200 = 80

In Q,

Total students = 100%

20% = 80

1% = 4

Total students = 400

Total boys = 80% of 400 = 320

Total students attended the seminar = 40% of 400 = 160

In R,

Total students = 100%

35% = 35

1% = 1

Total students = 100

Total boys =

In S,

Total students =

25% = 50

1% = 2

Total students =

Total boys =

Total students =

ATQ,

$$x = \frac{5}{100} \times \frac{200+400}{2} = 15$$

Total students =

y = 12.5% of 160

Total students =

Schools	Total students	Number of girls	Total boys	Students attended the seminar	Students not attended the seminar
P	200	120	80	30	170
Q	400	80	320	160	240
R	100	35	65	20	80
S	200	50	150	120	80

$$\text{Required answer} = \frac{1}{4} \times 160 + \frac{2}{5} \times 20 = 40 + 8 = 48$$

S48. Ans.(d)

Sol. In P,

Total students = 100%

60% = 120

1% = 2

Total students = 200

Total boys = 40% of 200 = 80

In Q,

Total students = 100%

20% = 80

1% = 4

Total students = 400

Total boys = 80% of 400 = 320

Total students attended the seminar = 40% of 400 = 160

In R,

Total students = 100%

35% = 35

1% = 1

Total students = 100

Total boys =

In S,

Total students =

25% = 50

1% = 2

Total students =

Total boys =

Total students attended the seminar = 200 = 120

ATQ,

$$x = \frac{5}{100} \times \frac{200+400}{2} = 15$$

Total students attended the seminar = 15% of 200 = 30

y = 12.5% of 160 = 20

Total students attended the seminar = 20% of 100 = 20

Schools	Total students	Number of girls	Total boys	Students attended the seminar	Students not attended the seminar
P	200	120	80	30	170
Q	400	80	320	160	240
R	100	35	65	20	80
S	200	50	150	120	80

Girls who attended the seminar in Q = 2(65-35) = 60

Boys who attended the seminar in Q = 160 - 60 = 100

Required ratio = 100: 300 = 1:3

S49. Ans.(d)

Sol. In P,

Total students = 100%

60% = 120

1% = 2

Total students = 200

Total boys = 40% of 200 = 80

In Q,

Total students = 100%

20% = 80

1% = 4

Total students = 400

Total boys = 80% of 400 = 320

Total students attended the seminar = 40% of 400 = 160

In R,

Total students = 100%

35% = 35

1% = 1

Total students = 100

Total boys =

In S,

Total students =

25% = 50

1% = 2

Total students =

Total boys =

Total students attended the seminar = 60% of 200 = 120

ATQ,

$$x = \frac{5}{100} \times \frac{200+400}{2} = 15$$

Total students attended the seminar = 15% of 200 = 30

y = 12.5% of 160 = 20

Total students attended the seminar = R = 200 - 20 = 180

Schools	Total students	Number of girls	Total boys	Students attended the seminar	Students not attended the seminar
P	200	120	80	30	170
Q	400	80	320	160	240
R	100	35	65	20	80
S	200	50	150	120	80

$$\text{Required answer} = \frac{\frac{80+150}{2}}{30-20} \times 100 = 1150\%$$

S50. Ans.(c)

Sol. In P,

Total students = 100%

60% = 120

1% = 2

Total students = 200

Total boys = 40% of 200 = 80

In Q,

Total students = 100%

20% = 80

1% = 4

Total students = 400

Total boys = 80% of 400 = 320

Total students attended the seminar = 40% of 400 = 160

In R,

Total students = 100%

35% = 35

1% = 1

Total students = 100

Total boys = 35

In S,

Total students = 200

25% = 50

1% = 2

Total students = 200

Total boys = 50

Total students attended the seminar = 60% of 200 = 120

ATQ,

$$x = \frac{5}{100} \times \frac{200+400}{2} = 15$$

Total students = 200, Boys = 150, Girls = 50

y = 12.5% of 160 = 20

Total students attended the seminar = 120, Boys = 80, Girls = 40

Schools	Total students	Number of girls	Total boys	Students attended the seminar	Students not attended the seminar
P	200	120	80	30	170
Q	400	80	320	160	240
R	100	35	65	20	80
S	200	50	150	120	80

Boys in E = 120% of 35 = 42

Ratio of boys and girls in E = 80:120 = 2:3

Girls in E = $\frac{3}{2} \times 42 = 63$

S51. Ans.(b)

Sol.

Total students in A and C = $350 - 150 = 200$

Boy/girls in B = $150/2 = 75$

Let boys in A be x

$$x + x + 25 + 25 = 200$$

$$75 = x$$

Schools	Total students	Total boys	Total girls
A	100	75	25
B	150	75	75
C	100	25	75

In A,

Not appeared boys = 20% of 75 = 15

Appeared boys = $75 - 15 = 60$

Girls appeared = $15 - 5 = 10$

Girls not appeared = $25 - 10 = 15$

In C,

Total not appeared students = $100/2 = 50$

Girls not appeared = 45

Appeared girls = $75 - 45 = 30$

Not appeared boys = 5

Appeared boys = $25 - 5 = 20$

In B,

Not appeared boys = 15

Appeared boys = $75 - 15 = 60$

not appeared girls = $40 - 15 = 25$

Appeared girls = $75 - 25 = 50$

Required answer

S52. Ans.(b)

Sol.

Total students in A and C = $350 - 150 = 200$

Boy/girls in B = $150/2 = 75$

Let boys in A be x

$$x + x + 25 + 25 = 200$$

$$75 = x$$

Schools	Total students	Total boys	Total girls
A	100	75	25
B	150	75	75
C	100	25	75

In A,

Not appeared boys = 20% of 75 = 15

Appeared boys = $75 - 15 = 60$

Girls appeared = $15 - 5 = 10$

Girls not appeared = $25 - 10 = 15$

In C,

Total not appeared students = $100/2 = 50$

Girls not appeared = 45

Appeared girls = $75 - 45 = 30$

Not appeared boys = 5

Appeared boys = $25 - 5 = 20$

In B,

Not appeared boys = 15

Appeared boys = $75 - 15 = 60$

not appeared girls = $40 - 15 = 25$

Appeared girls = $75 - 25 = 50$

Required answer = $60 + 10 - (15 + 25) = 30$

S53. Ans.(a)**Sol.**Total students in A and C = $350 - 150 = 200$ Boy/girls in B = $150/2 = 75$ Let boys in A be x

$$x + x + 25 + 25 = 200$$

$$75 = x$$

Schools	Total students	Total boys	Total girls
A	100	75	25
B	150	75	75
C	100	25	75

In A,

Not appeared boys = 20% of 75 = 15

Appeared boys = $75 - 15 = 60$ Girls appeared = $15 - 5 = 10$ Girls not appeared = $25 - 10 = 15$ **In C,**Total not appeared students = $100/2 = 50$

Girls not appeared = 45

Appeared girls = $75 - 45 = 30$

Not appeared boys = 5

Appeared boys = $25 - 5 = 20$

$$\text{Required answer} = \frac{75+75}{75} \times 100 = 200\%$$

In B,

Not appeared boys = 15

Appeared boys = $75 - 15 = 60$ not appeared girls = $40 - 15 = 25$ Appeared girls = $75 - 25 = 50$ **S54. Ans.(a)****Sol.**Total students in A and C = $350 - 150 = 200$ Boy/girls in B = $150/2 = 75$ Let boys in A be x

$$x + x + 25 + 25 = 200$$

$$75 = x$$

Schools	Total students	Total boys	Total girls
A	100	75	25
B	150	75	75
C	100	25	75

In A,

Not appeared boys = 20% of 75 = 15

Appeared boys = $75 - 15 = 60$ Girls appeared = $15 - 5 = 10$ Girls not appeared = $25 - 10 = 15$ **In C,**Total not appeared students = $100/2 = 50$

Girls not appeared = 45

Appeared girls = $75 - 45 = 30$

Not appeared boys = 5

Appeared boys = $25 - 5 = 20$ **In B,**

Not appeared boys = 15

Appeared boys = $75 - 15 = 60$ not appeared girls = $40 - 15 = 25$ Appeared girls = $75 - 25 = 50$

$$\text{Total students in D} = \frac{3}{5} \times (45 + 5) = 30$$

$$\text{Girls in D} = 80\% \text{ of } 15 = 12$$

$$\text{Total boys in D} = 30 - 12 = 18$$

S55. Ans.(e)

Sol.

Quantity I -

$$\text{S.I} = \frac{6000 \times 2 \times 10}{100} + \frac{6000 \times 3 \times 15}{100} = 1200 + 2700 = \text{Rs.}3900$$

Quantity II - Rs.3900

S56. Ans.(b)

Sol.

The profit-sharing ratio of A to B

$$= 8000 \times 4 + 8000 \times \frac{3}{5} \times 8 : 12000 \times 4 + 14000 \times 8$$

$$= 17600 : 40000$$

$$= 11 : 25$$

$$\text{Required profit} = \frac{11000}{11} \times (11 + 25) = \text{Rs } 36000$$

S57. Ans.(a)

Sol.

$$\text{Cumulative compound interest} = \left(10 + 10 + \frac{10 \times 10}{100} \right) \% = 21\%$$

$$\text{Cumulative compound interest} = \left(20 + 20 + \frac{20 \times 20}{100} \right) \% = 44\%$$

ATQ,

$$P \times \frac{44 - 21}{100} = 3105$$

$$P = 13500$$

S58. Ans.(d)

Sol.

Let the milk and water be $4a$ and a liter respectively

ATQ,

$$\frac{4a - 10 \times \frac{4}{5}}{a - 10 \times \frac{1}{5}} = \frac{3}{2}$$

$$\frac{4a - 8}{a - 2} = \frac{3}{2}$$

$$8a - 16 = 3a - 6$$

$$5a = 10$$

$$a = 2$$

Initial quantity of water = $a = 2$ liters

S59. Ans.(c)

Sol. Let the present ages of A and B be $13x+2$ and $15x+2$ years respectively.

ATQ,

$$15x+2+5=13x+2+5+4$$

$$2x=4$$

$$x=2$$

$$\text{Required age} = 15x+2 = 32 \text{ years}$$

S60. Ans.(c)

Sol.

Let the income of A be Rs $100a$

$$\text{Amount spent on Rent} = 100a \times \frac{20}{100} = \text{Rs } 20a$$

$$\text{Amount spent on cloth} = (100a - 20a) \times \frac{25}{100} = 20a \text{ Rs}$$

$$\text{Amount invested on FD} = (100a - 20a - 20a) \times \frac{1}{5} = 12a$$

ATQ,

$$20a - 12a = 1680$$

$$a = 210$$

$$\text{Required amount} = 100a = \text{Rs } 21000$$

S61. Ans.(a)

Sol. Let the length and breadth of the rectangle be $3a$ and $2a$ respectively.

Given, $2a \times 3a = 36$

$$a=6$$

Perimeter of the rectangle = $2(3a+2a)$

$$= 2(5a) = 2(5 \times 6) = 60 \text{ cm}$$

Let the radius of the circle be r cm.

ATQ,

$$2 \times \frac{22}{7} \times r = 60 + 28$$

$$\frac{44}{7} \times r = 88$$

$$r = 14$$

$$\text{Required area} = \frac{22}{7} \times 14 \times 14 = 616 \text{ sq. cm}$$

S62. Ans.(e)

Sol.

ATQ,

$$\frac{15 \times 18 + Y \times 12}{15 + Y} = 15$$

$$270 + 12Y = 225 + 15Y$$

$$45 = 3Y$$

$$15 = Y$$

S63. Ans.(a)

Sol.

Let the cost price be Rs $100a$

Marked price = Rs $160a$

Selling price = $160a \times \frac{85}{100} = Rs\ 136a$

ATQ,

$$136a - 100a = 72$$

$$a = 2$$

The cost price = Rs 200

Marked price = Rs 320

Selling price = $320 \times \frac{70}{100} = Rs\ 224$

Required profit = $224 - 200 = 24$ Rs

S64. Ans.(e)

Sol.

Let the total work (LCM of 20, 16 & 8) = 80 units

The efficiency of X = $\frac{80}{20} = 4$ units/day

The efficiency of Y = $\frac{80}{16} = 5$ units/day

The efficiency of Z = $\frac{80}{8} = 10$ units/day

ATQ,

$$(4 + 10) \times D + 5 \times 2D = 80$$

$$14D + 10D = 80$$

$$D = \frac{10}{3}$$

$$\text{Required value} = 3D = \frac{10}{3} \times 3 = 10$$

S65. Ans.(c)

Sol.

Let the downstream speed = $5a$ km/hr

And the speed of stream = $5a \times \frac{20}{100} = a$ km/hr

The speed of the boat in still water = $5a - a = 4a$ km/hr

$$\frac{180}{6} = (4a - a)$$

$$30 = 3a$$

$$10 = a$$

ATQ,

$$\frac{D - 5}{5a} + \frac{D + 60}{3a} = 5.9$$

$$\frac{D - 5}{50} + \frac{D + 60}{30} = 5.9$$

$$3D - 15 + 5D + 300 = 885$$

$$8D + 285 = 885$$

$$8D = 600$$

$$D = 75$$

S66. Ans.(d)

Sol.

Let the length of train Y be $5a$ meters

And the length of train X = $5a \times 1.8 = 9a$ meters

The speed of train X = $108 \times \frac{5}{18} = 30 \text{ m/sec}$

The speed of train Y = $\frac{30}{5} \times 3 = 18 \text{ m/sec}$

Let the length of the bridge be ' b ' meters

ATQ,

$$9a + b = 20 \times 30$$

$$9a + b = 600$$

Two variables in one equation

So, Can't be determined

S67. Ans.(c)

Sol. Three consecutive

$$P = 9x, 9(x+1)$$

four consecutive

$$Q = y, y+2, y+4$$

Given

$$9(x+2) = y \dots (1)$$

And

$$(9x+y)/2 = 24$$

$$9x+y=54$$

$$9x + 9(x+2) = 54$$

$$9x + 9x + 18 = 54$$

$$18x + 18 = 54$$

$$x + 1 = 3$$

$$x = 2 \text{ and } y = 18$$

$$\text{Set } P = 18, 27$$

$$\text{Set } Q = 36, 38$$

Required difference

S68. Ans.(d)

Sol. The pattern of the series:

7, 296, 657, 1098, 1627, ?

289 361 441 529 625

$$? = 1627 + 625 = 2252$$

S69. Ans.(a)

Sol. The pattern of the series:

18, 82, 207, 423, 766, ?

64 125 216 343 512

$$? = 766 + 512 = 1278$$

S70. Ans.(b)

Sol. The pattern of the series:

?=84, 68, 193, 157, 500, 436
 -16 +125 -36 +343 -64

S71. Ans.(c)

Sol.

	P	Q	R	T	S	V	U
Row 2							
Row 1							
	A	F	D	E	C	B	G

S72. Ans.(d)

Sol.

	P	Q	R	T	S	V	U
Row 2							
Row 1							
	A	F	D	E	C	B	G

S73. Ans.(e)

Sol.

	P	Q	R	T	S	V	U
Row 2							
Row 1							
	A	F	D	E	C	B	G

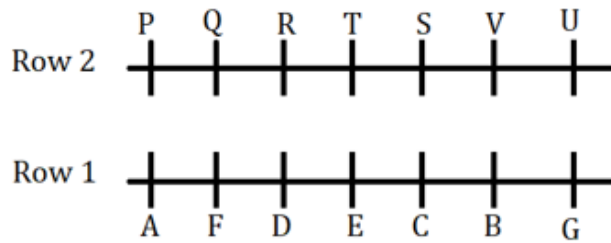
S74. Ans.(c)

Sol.

	P	Q	R	T	S	V	U
Row 2							
Row 1							
	A	F	D	E	C	B	G

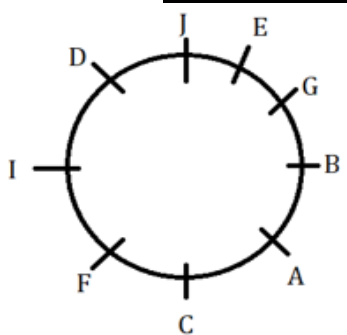
S75. Ans.(e)

Sol.



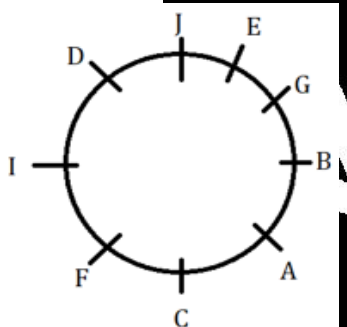
S76. Ans.(b)

Sol.



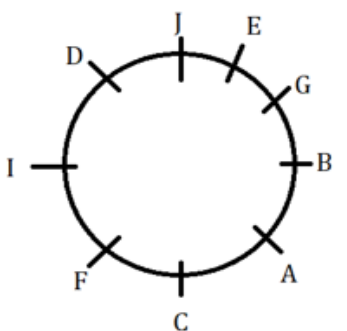
S77. Ans.(d)

Sol.



S78. Ans.(d)

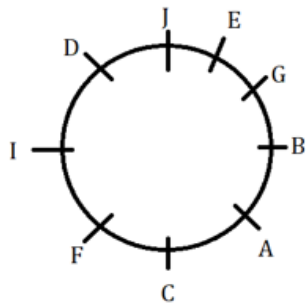
Sol.



Logic here is: Only one person sits between both the persons.

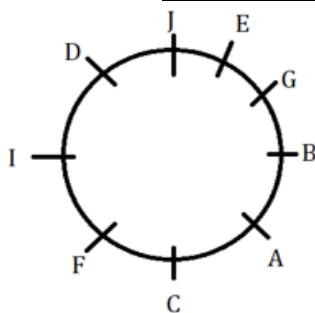
S79. Ans.(e)

Sol.



S80. Ans.(c)

Sol.



S81. Ans.(d)

Sol.

Years	Ages	Persons
1968	57	M
1970	55	R
1972	53	L
1975	50	K
1978	47	A
1983	42	H
1989	36	F
1998	27	D
2009	16	S

S82. Ans.(d)

Sol.

Years	Ages	Persons
1968	57	M
1970	55	R
1972	53	L
1975	50	K
1978	47	A
1983	42	H
1989	36	F
1998	27	D
2009	16	S

S83. Ans.(a)

Sol.

Years	Ages	Persons
1968	57	M
1970	55	R
1972	53	L
1975	50	K
1978	47	A
1983	42	H
1989	36	F
1998	27	D
2009	16	S

S84. Ans.(c)

Sol.

Years	Ages	Persons
1968	57	M
1970	55	R
1972	53	L
1975	50	K
1978	47	A
1983	42	H
1989	36	F
1998	27	D
2009	16	S

S85. Ans.(b)

Sol.

Years	Ages	Persons
1968	57	M
1970	55	R
1972	53	L
1975	50	K
1978	47	A
1983	42	H
1989	36	F
1998	27	D
2009	16	S

S86. Ans.(d)

Sol.

Persons	Items
C	Watch
A	Book
D	Lamp
H	Laptop
E	Pen
B	Bag
G	Pencil
F	Calculator

S87. Ans.(c)

Sol.

Persons	Items
C	Watch
A	Book
D	Lamp
H	Laptop
E	Pen
B	Bag
G	Pencil
F	Calculator

S88. Ans.(a)

Sol.

Persons	Items
C	Watch
A	Book
D	Lamp
H	Laptop
E	Pen
B	Bag
G	Pencil
F	Calculator

S89. Ans.(b)

Sol.

Persons	Items
C	Watch
A	Book
D	Lamp
H	Laptop
E	Pen
B	Bag
G	Pencil
F	Calculator

S90. Ans.(c)

Sol.

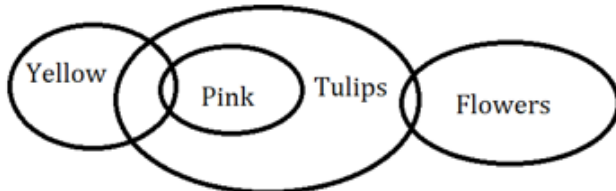
Persons	Items
C	Watch
A	Book
D	Lamp
H	Laptop
E	Pen
B	Bag
G	Pencil
F	Calculator

S91. Ans.(b)

Sol. Meaningful word formed: PACT

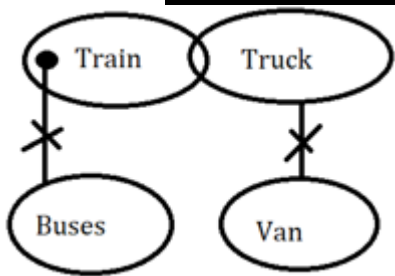
S92. Ans.(d)

Sol.



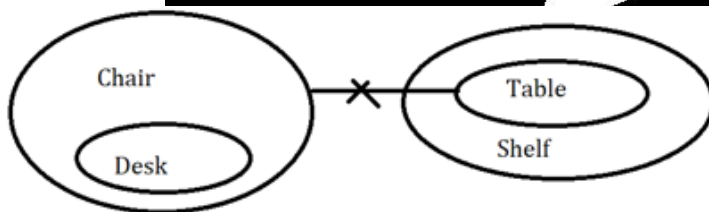
S93. Ans.(a)

Sol.



S94. Ans.(a)

Sol.

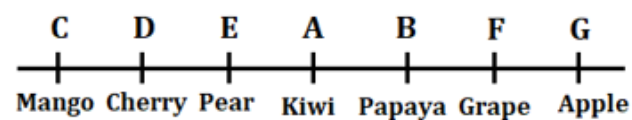


S95. Ans.(a)

Sol. MARAT

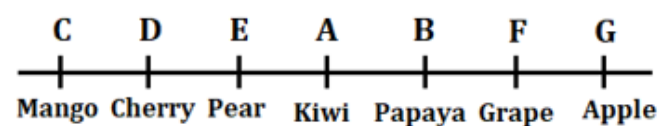
S96. Ans.(e)

Sol.



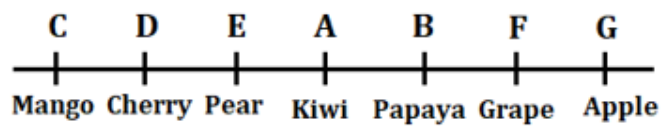
S97. Ans.(e)

Sol.



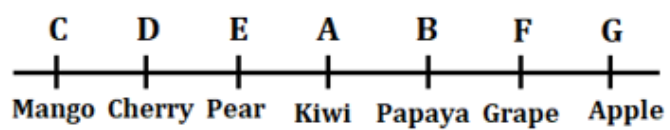
S98. Ans.(b)

Sol.



S99. Ans.(c)

Sol.



S100. Ans.(

Sol.

