

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, widespread education, and changing social norms.

A major concern is the **decline (C)** in the 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 long-term decline in the number of people. While some view this as a challenge, others see it as an opportunity to reduce the strain on resources. However, the rapid aging of the population, with a growing elderly population, poses significant challenges. A rapidly aging population can strain social security systems and healthcare services, which India has already faced.

As India moves towards a more developed status, it must strike a balance between economic growth and social welfare. The government has implemented various policies to encourage smaller families, but the impact has been limited. The economic slowdown and rising unemployment have also influenced fertility rates, and India must strike a balance between economic growth and social welfare. As India moves towards a more developed status, it must strike a balance between economic growth and social welfare. The government has implemented various policies to encourage smaller families, but the impact has been limited. The economic slowdown and rising unemployment have also influenced fertility rates, and India must strike a balance between economic growth and social welfare.

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

- (I) Increased life expectancy
 - (II) Greater access to education
 - (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 is consistently increasing.
(II) The slow economic growth over the last 50 years is due to a declining fertility rate.
(III) The past decade has seen a significant decline in fertility rate, leading to 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. The bill, which aims to protect children from accessing inappropriate content, also introduces a strict age verification system for users under 18. Under the bill, social media platforms, including Facebook, Instagram, and TikTok, would be required to verify the age of users before allowing them to create accounts. The government argues that this measure is necessary to protect children from online dangers, such as cyberbullying, sexual exploitation, and exposure to harmful content. Advocates of the bill claim that it is a necessary step to ensure children's mental health and safety. However, critics argue that the bill could infringe on privacy rights and that it is not a balanced approach to the issue. Some critics also point out that the bill does not address the issue of online safety for adults. The bill is expected to be passed by the full House of Representatives in the coming weeks. If the bill passes, it will be sent to the Senate for approval. The bill is part of a larger package of legislation aimed at improving online safety and protecting children's rights. As digital technology continues to evolve, the need for effective online safety measures remains a crucial issue for governments and parents alike. The bill is a significant step in the right direction, but more work needs to be done to ensure that children are protected from online dangers.

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 sentence 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)

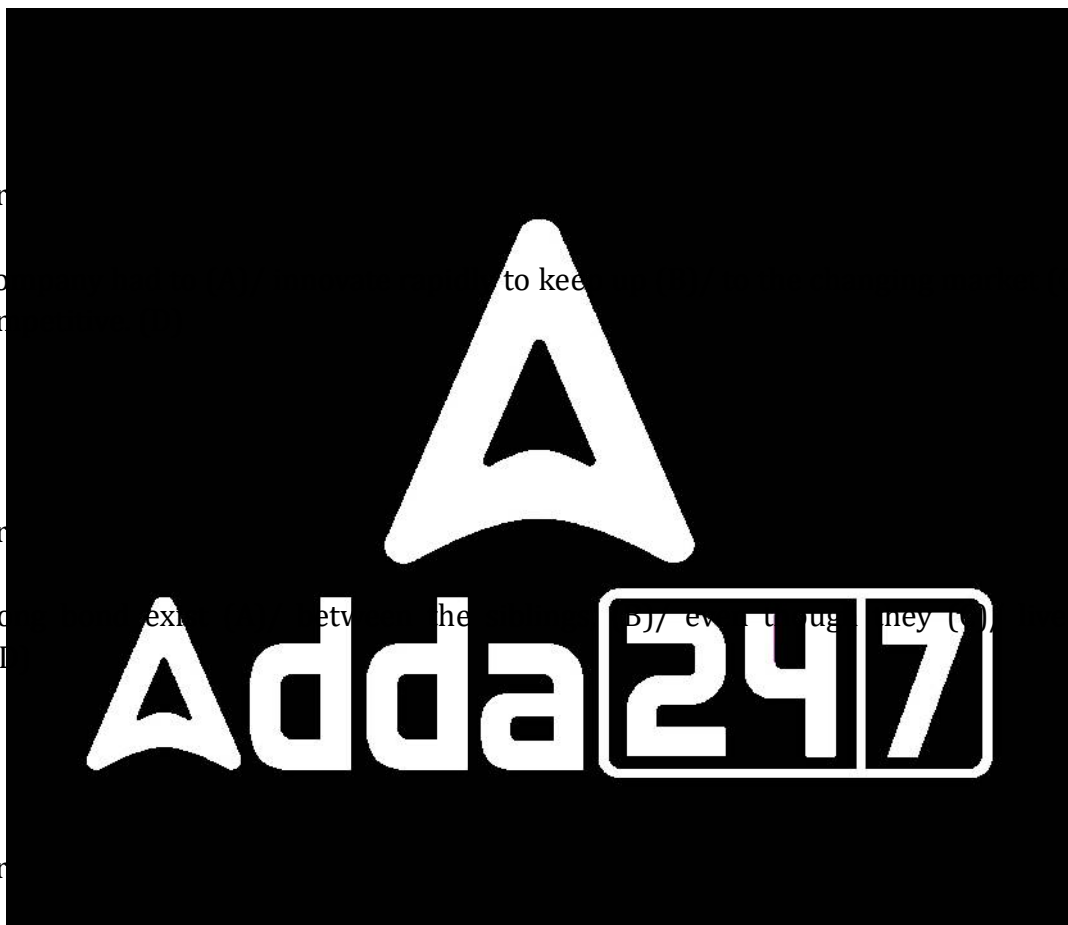
- (a) A
- (b) B
- (c) C
- (d) D
- (e) No error

Q18. The coach (A)/ demanded that the players (B)/ to keep (C)/ their focus (D)/ demands 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)/ seen (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 local **is famous for** maintaining poor educational stan

- (a) is high c for main
- (b) is high c for main
- (c) is high c by main
- (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-

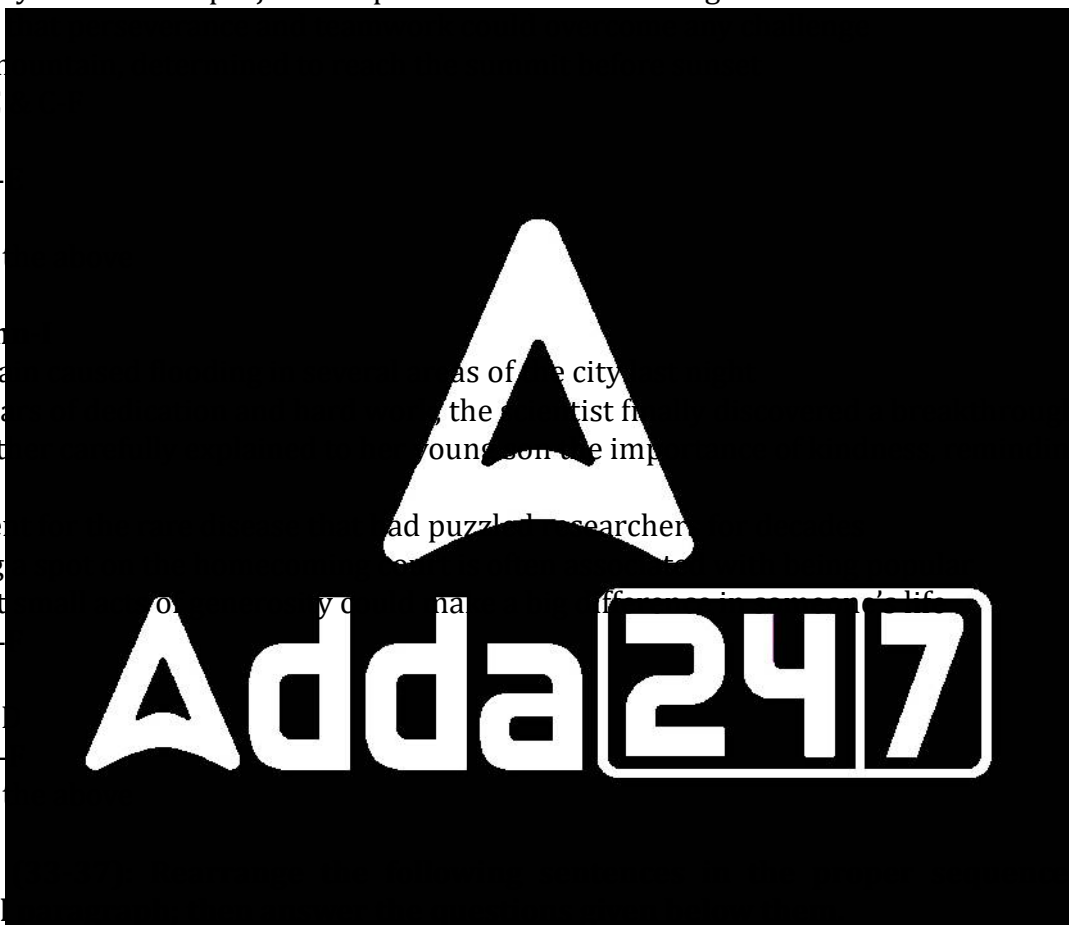
(d) B-D & C-

(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

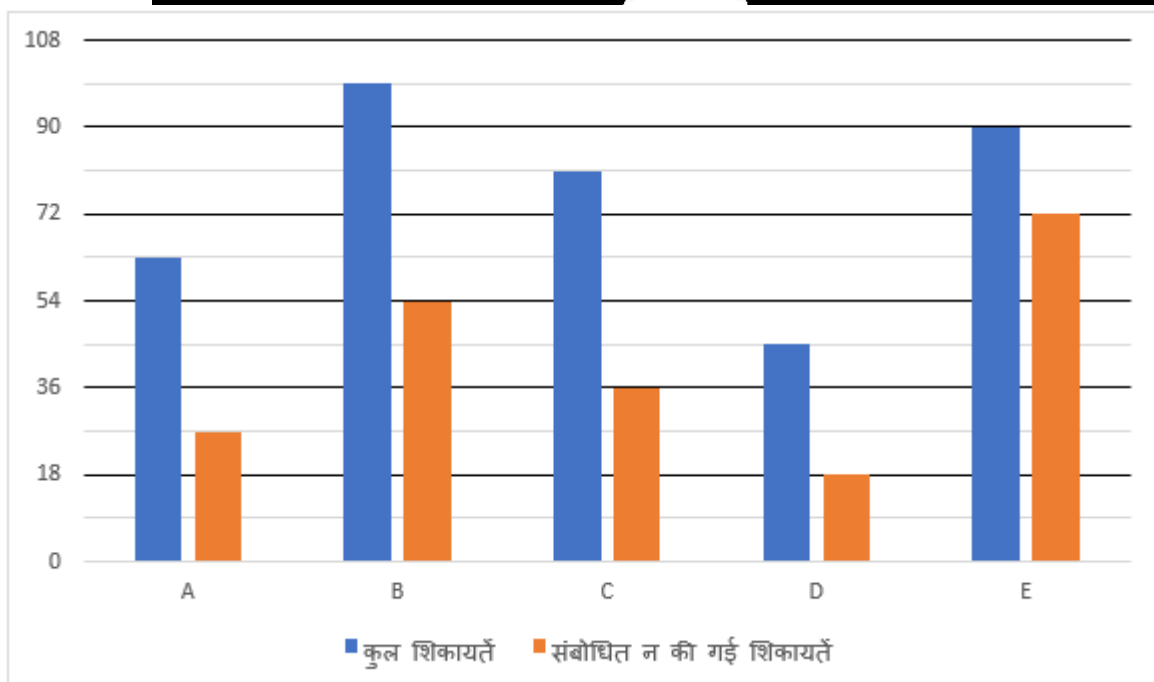
Q39. Regular practice will _____ your skills and help you _____ confidence in your abilities.

- (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, absconded
- (c) confused, absconded
- (d) apprehensive, absconded
- (e) enthusiastic, absconded

Directions (क) निम्नलिखित तालिका में दर्ज शिकायतों की संख्या दर्शाती है। (ख) शिकायतों में दर्ज शिकायतों की संख्या दर्शाती है। (ग) शिकायतों में दर्ज शिकायतों की संख्या दर्शाती है।



नोट - कुल शिकायतें = संबोधित शिकायतें + संबोधित न की गई शिकायतें

Q41. शहर D और E में एक साथ दर्ज कुल शिकायतें, A और B में कुल संबोधित शिकायतों का कितना प्रतिशत है?

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

Q42. C और D में एक साथ संबोधित न की गई शिकायतों का A और E में संबोधित शिकायतों से अनुपात ज्ञात कीजिए।

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

Q43. शहर F में, दर्ज की गई कुल शिकायतें A और D में दर्ज की गई औसत शिकायतें हैं। F में संबोधित न की गई शिकायतों का C में संबोधित शिकायतों से अनुपात 4:5 है। F में संबोधित शिकायतें ज्ञात करें।

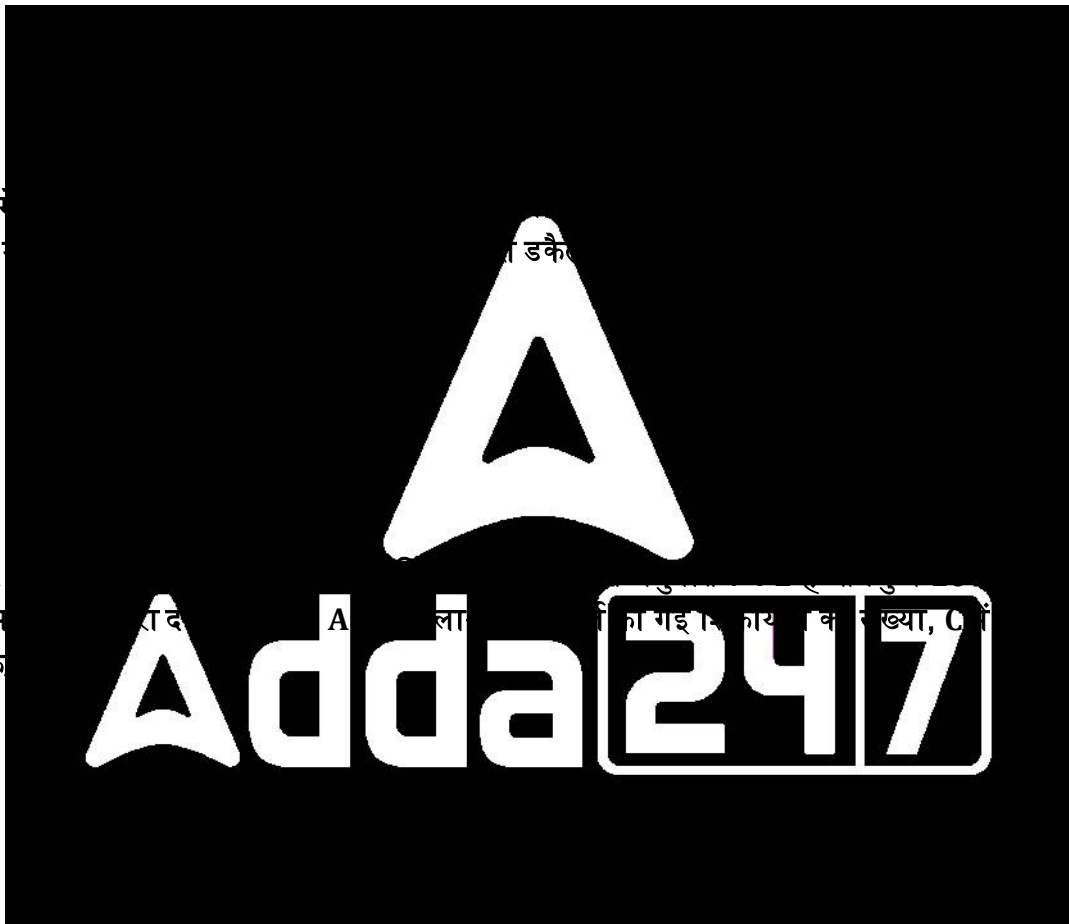
- (a) 18
- (b) 60
- (c) 36
- (d) 42
- (e) 40

Q44. यदि A में दर्ज की गई कुल शिकायतें B में दर्ज की गई औसत शिकायतें हैं। A में संबोधित न की गई शिकायतों का C में संबोधित शिकायतों से अनुपात 4:5 है। F में संबोधित शिकायतें ज्ञात करें।

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

Q45. यदि A में दर्ज की गई कुल शिकायतें B में दर्ज की गई औसत शिकायतें हैं। A में संबोधित न की गई शिकायतों का C में संबोधित शिकायतों से अनुपात 4:5 है। F में संबोधित शिकायतें ज्ञात करें।

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



Directions (46-50): तालिका चार अलग-अलग स्कूलों में लड़कियों की कुल संख्या, कुल छात्रों में से लड़कों का प्रतिशत और सेमिनार में भाग लेने वाले छात्रों का प्रतिशत दर्शाती है।

स्कूल	लड़कियों की संख्या	कुल छात्रों में से लड़कों का प्रतिशत	कुल छात्रों में से सेमिनार में उपस्थित छात्रों का प्रतिशत
P	120	40%	x%
Q	80	80%	40%
R	35	65%	y%
S	50	75%	60%

नोट - I: x , P और Q में छात्रों की औसत संख्या का 5% है और y , Q में सेमिनार में उपस्थित कुल छात्रों का 12.5% है।

II: कुल छात्र = कुल लड़कियाँ + कुल लड़के

III: कुल छात्र = सेमिनार में उपस्थित कुल छात्र + सेमिनार में उपस्थित न होने वाले कुल छात्र।

Q46. S में सेमिनार में भाग नहीं लेने वाले छात्र, P में कुल लड़कियों और Q में कुल लड़कों का एक साथ कितना प्रतिशत हैं (लगभग)?

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

Q47. यदि Q में सेमिनार में भाग लेने वाले छात्र R में सेमिनार में भाग लेने वाले छात्रों का 10% हैं, तो Q में सेमिनार में भाग लेने वाले छात्रों की संख्या कितनी है?

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

Q48. R में लड़कों और लड़कियों का अनुपात S में सेमिनार में भाग लेने वाले छात्रों के अनुपात ज्ञात कीजिए।

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

Q49. P और S में सेमिनार में भाग लेने वाले छात्रों का प्रतिशत कितना प्रतिशत है?

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

Q50. स्कूल E में लड़कों और लड़कियों का अनुपात स्कूल P के समान है, तथा E में लड़के, R में लड़कियों से 20% अधिक हैं। E में लड़कियों की संख्या ज्ञात कीजिए।

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



Directions (51-54): तीन अलग-अलग स्कूलों (A, B और C) से परीक्षा में उपस्थित होने वाले और उपस्थित नहीं होने वाले लड़कियों और लड़कों की कुल संख्या के बारे में जानकारी दी गई है।

सभी स्कूलों में कुल छात्रों की संख्या 350 है, जिनमें से 150 छात्र B में हैं। A में लड़के C में लड़कियों के बराबर हैं। C में लड़के A में लड़कियों के बराबर हैं अर्थात् 25। B में लड़के और लड़कियों की संख्या बराबर है।

A में, 20% लड़के परीक्षा में उपस्थित नहीं होते हैं, जो परीक्षा में उपस्थित लड़कियों की संख्या से पाँच अधिक है।

B में, A से परीक्षा में उपस्थित नहीं होने वाली लड़कियाँ, B से परीक्षा में उपस्थित नहीं होने वाले लड़कों के बराबर हैं। परीक्षा में उपस्थित नहीं होने वाले कुल छात्रों की संख्या 40 है।

C में, परीक्षा में उपस्थित नहीं होने वाले छात्रों और परीक्षा में उपस्थित न होने वाले छात्रों का अनुपात 1:1 है। 45 लड़कियाँ परीक्षा में उपस्थित नहीं होती हैं।

Q51. A और B से परीक्षा में उपस्थित होने वाले लड़कों से अनुपात ज्ञात कीजिए।

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

Q52. B से परीक्षा में उपस्थित होने वाले लड़कों और A से परीक्षा में उपस्थित होने वाले लड़कों का अनुपात ज्ञात कीजिए।

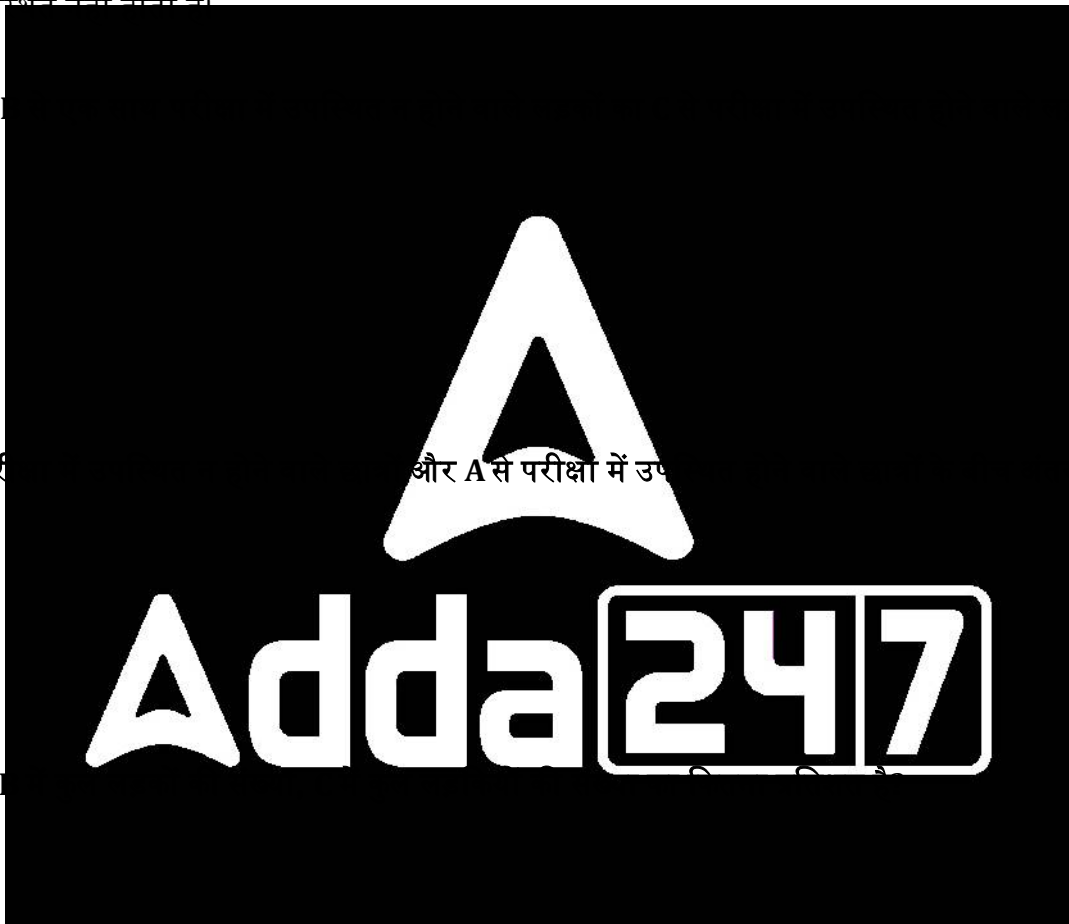
- (a) 60
- (b) 30
- (c) 36
- (d) 12
- (e) 15

Q53. A और B से परीक्षा में उपस्थित होने वाले लड़कों का अनुपात ज्ञात कीजिए।

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

Q54. D में कुल छात्रों का C से परीक्षा में उपस्थित न होने वाले कुल छात्रों से अनुपात 3 : 5 है। D में कुल लड़कियाँ, A से परीक्षा में उपस्थित न होने वाले कुल लड़कों से 20% कम हैं। D में कुल लड़के ज्ञात कीजिए।

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



Q55. 6000 रुपये के मूलधन पर 5 वर्षों में अर्जित साधारण ब्याज क्या है?

मात्रा I - पहले 2 वर्षों के लिए ब्याज दर 10% है और अंतिम 3 वर्षों के लिए 15% है।

मात्रा II - 3900 रुपये

- (a) मात्रा I > मात्रा II
- (b) मात्रा I < मात्रा II
- (c) मात्रा I $\geq$ मात्रा II
- (d) मात्रा I $\leq$ मात्रा II
- (e) मात्रा I = मात्रा II या कोई संबंध नहीं

Q56. A और B ने एक निवेश किया है। 5 वर्षों के बाद, A ने अपने निवेश का $\frac{2}{5}$ हिस्सा 11000 रुपये है, तो कुल निवेश कितना है?

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

Q57. एक व्यक्ति P रुपये का निवेश करता है। 10% प्रति वर्ष और 20% प्रति वर्ष के ब्याज दरों पर निवेश करता है। यदि व्यक्ति P 3105 रुपये है, तो P ज्ञात कीजिए।

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

Q58. दूध और पानी का अनुपात 1:2 है। यदि दूध का 2/3वां भाग हटा दिया जाए, तो पानी दूध का

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

Q59. दो वर्ष पहले A की आयु का B की आयु से अनुपात 13:15 था। 5 वर्ष बाद, B की आयु A की आयु से 4 वर्ष अधिक है। B की वर्तमान आयु (वर्षों में) ज्ञात कीजिए।

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

Q60. एक व्यक्ति अपनी आय का 20% किराए पर और शेष का 25% अपने कपड़ों पर खर्च करता है, और शेष आय को क्रमशः 1:4 के अनुपात में एफडी और आरडी में निवेश किया जाता है। यदि एफडी पर निवेश की गई राशि और कपड़े पर खर्च की गई राशि के बीच का अंतर 1680 रुपये है, तो व्यक्ति की आय (रुपये में) ज्ञात कीजिए।

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

Q61. एक आय विभाजित है दो भागों में, जिनमें से एक भाग 600 रुपये है। वृत्त की परिधि आयत की परिधि के बराबर है।

- (a) 616
- (b) 824
- (c) 940
- (d) 756
- (e) इनमें से कोई नहीं

Q62. 15 पुरुषों और 15 महिलाओं का औसत वजन 150 किलोग्राम है। पुरुषों का औसत वजन 160 किलोग्राम है, तो महिलाओं का औसत वजन क्या है?

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

Q63. एक दुकानदार एक वस्तु पर उसका क्रय मूल्य से 40% अधिक मूल्य आकारित करता है। यदि वह 15 वस्तुओं को 72 रुपये का लाभ हुआ।

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

Q64. X, Y और Z किसी काम को क्रमशः 20 दिन, 16 दिन और 8 दिन में पूरा कर सकते हैं। यदि X और Z मिलकर D दिन काम करते हैं और Y शेष काम 2D दिन में पूरा करता है, तो 3D का मान ज्ञात कीजिए।

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



Q65. धारा की गति एक नाव की धारा के अनुकूल गति की 20% है। नाव 6 घंटे में धारा के प्रतिकूल 180 किमी की दूरी तय करती है। यदि नाव 5.9 घंटे में $(D - 5)$ किमी धारा के अनुकूल और $(D + 60)$ किमी धारा के प्रतिकूल तय करती है, तो D का मान ज्ञात कीजिए।

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

Q66. ट्रेन X की लंबाई ट्रेन Y की लंबाई से 80% अधिक है। ट्रेन X की गति 108 किमी/घंटा है और यह 20 सेकंड में एक पुल पार करती है। ट्रेन Y की गति 144 किमी/घंटा है और यह 15 सेकंड में एक पुल पार करती है। ट्रेन Y की लंबाई ज्ञात कीजिए।

- (a) 30
- (b) 54
- (c) 24
- (d) निर्धारित नहीं
- (e) 80

Q67. सेट P में 10 संख्याएँ हैं जिनमें चार क्रमागत संख्याएँ हैं। सेट Q में 10 संख्याएँ हैं जिनमें से सबसे छोटी संख्या सेट P में सबसे छोटी संख्या से 20 अधिक है। सेट Q में सबसे बड़ी संख्या और सेट P में दूसरी सबसे बड़ी संख्या का अंतर ज्ञात कीजिए।

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

Directions (1) निम्नलिखित संख्या श्रृंखला में प्रत्येक संख्या के बाद दिए गए विकल्पों में से सही विकल्प चुनिए।

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



Q70. ?, 68, 193, 157, 500, 436

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

Directions (71-75): निम्नलिखित जानकारी का ध्यानपूर्वक अध्ययन करें और नीचे दिए गए प्रश्नों के उत्तर दें:

चौदह व्यक्ति दो समानांतर पंक्तियों में इस तरह बैठें हैं कि प्रत्येक पंक्ति में सात व्यक्ति बैठें हैं। A, B, C, D, E, F, G पंक्ति 1 में बैठे हैं और उत्तर पंक्ति में बैठे हैं। V, Q के बाएं से बैठे हैं। D और G के बीच तीन व्यक्ति हैं। R और V एक दूसरे के निकटतम पड़ोसियों में बैठे हैं। B न तो D का निकटतम पड़ोसियों में बैठे हैं।

Q71. यदि P, D के निकटतम पड़ोसियों में बैठे हैं, तो Q का स्थान क्या है?

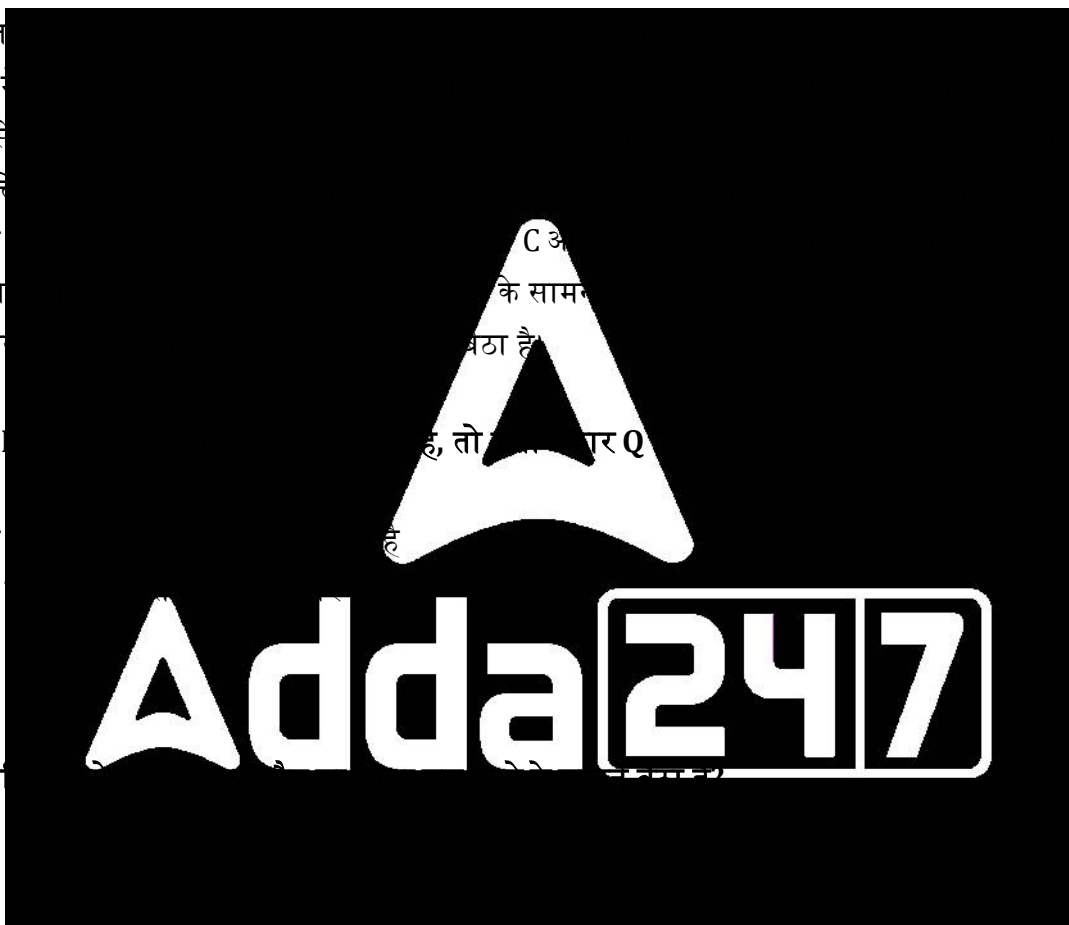
- (a) A
- (b) वह व्यक्ति जो D के बाएं से तीसरा है
- (c) वह व्यक्ति जो D के बाएं से चौथा है
- (d) F
- (e) C

Q72. निम्नलिखित में से सत्य कथनों की पहचान करें।

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

Q73. B के विपरीत बैठे व्यक्ति के सन्दर्भ में R का स्थान क्या है?

- (a) बायीं ओर तीसरा
- (b) ठीक बाएं
- (c) दाएं से चौथा
- (d) बायीं ओर चौथा
- (e) दाईं ओर तीसरा



Q74. निम्नलिखित में से कौन-सा कथन सत्य नहीं है?

I. P के दाईं ओर तीन से अधिक व्यक्ति बैठे हैं

II. F और E के बीच दो व्यक्ति बैठे हैं

III. D, A का पड़ोसी नहीं है

(a) केवल II

(b) केवल I और III

(c) केवल I और II

(d) केवल III

(e) केवल II और III

Q75. निम्नलिखित में से कौन-सा कथन सत्य नहीं है?

(a) B

(b) E

(c) F

(d) G

(e) C

Directions

नौ व्यक्ति A, B, C, D, E, F, G, H, I एक वृत्त के चारों ओर बैठे हैं। निम्नलिखित में से कौन-सा कथन सत्य नहीं है?

(a) A, B के बीच एक व्यक्ति बैठा है।

(b) C, D के बीच एक व्यक्ति बैठा है।

(c) E, F के बीच एक व्यक्ति बैठा है।

(d) G, H के बीच एक व्यक्ति बैठा है।

(e) I, A के बीच एक व्यक्ति बैठा है।

Q76. J के संदर्भ में निम्नलिखित में से कौन-सा कथन सत्य नहीं है?

(a) दाएं से चौथा व्यक्ति

(b) बाएं से चौथा व्यक्ति

(c) बाएं से पाँचवा व्यक्ति

(d) बाएं से दूसरा व्यक्ति

(e) दाएं से दूसरा व्यक्ति

Q77. F से दक्षिणावर्त दिशा में गणना करने पर F और D के बीच कितने व्यक्ति बैठे हैं?

(a) दो

(b) तीन

(c) चार

(d) एक

(e) कोई नहीं

Q78. निम्नलिखित पाँच में से चार एक निश्चित तरीके से एक जैसे हैं और इस प्रकार एक समूह बनाते हैं। उस एक को ज्ञात कीजिए जो समूह से संबंधित नहीं है।

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

Q79. निम्नलिखित में से कौन उस व्यक्ति के बाएं से दूसरे स्थान पर बैठा है जो G के दाएं से चौथे स्थान पर बैठा है?

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

Q80. निम्नलिखित में से कौन उस व्यक्ति के दाएं से तीसरे स्थान पर बैठा है जो G के दाएं से चौथे स्थान पर बैठा है?

- (a) G के ठीक दाएं से तीसरे स्थान पर बैठा है
- (b) E और C के बीच में बैठा है
- (c) B, E के बाएं से तीसरे स्थान पर बैठा है
- (d) I और B के बीच में बैठा है
- (e) I, A के दाएं से तीसरे स्थान पर बैठा है

Directions (निर्देश)

नीचे दिये गए एक वृत्त में 12 व्यक्तियों का नाम और उनके जन्म की तारीख और मरने की तारीख दी गई है। उन व्यक्तियों की आयु का निर्धारण वर्षों के अनुसार की जाईगा।
L, K से तीन व्यक्तियों के बीच में बैठा है। L और M के बीच में केवल एक व्यक्ति का जन्म हुआ था। J, M से दो व्यक्तियों के बीच में बैठा है। F के बीच तीन से अधिक व्यक्तियों का जन्म हुआ था। H, N से दो व्यक्तियों के बीच में बैठा है। K, D से दो व्यक्तियों के बीच में बैठा है। S, N से दो व्यक्तियों के बीच में बैठा है।

Q81. S और L के बीच में बैठा व्यक्ति कौन है?

- (a) M और A के बीच में बैठा है
- (b) दो व्यक्तियों के बीच में बैठा है
- (c) F और H के बीच जन्म हुए व्यक्तियों की संख्या के समान
- (d) पाँच व्यक्तियों के बीच में बैठा है
- (e) M और D के बीच जन्म हुए व्यक्तियों की संख्या के समान

Q82. H, F और K की आयु का योग क्या है?

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

Q83. निम्नलिखित में से कौन सा संयोजन सही है?

- (a) F - 1989
- (b) D- 1983
- (c) R- 1972
- (d) L- 1975
- (e) कोई भी सही नहीं है

Q84. A से बड़े व्यक्तियों की संख्या, ____ और ____ के बीच व्यक्तियों की संख्या के समान है।

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

Q85. M और

- (a) 12 वर्ष
- (b) 15 वर्ष
- (c) 17 वर्ष
- (d) 22 वर्ष
- (e) इनमें से कोई

Directions

आठ व्यक्ति - A

एक के बाद एक

A ने C के ठीक

व्यक्ति और कैल

पहले एक वस्तु

खरीदने वाले व

D और बैग खरी

D पुस्तक नहीं

ध्यान रखें।

अलग वस्तुएँ - लैंप, कैल

इसी क्रम में

जिए:

और लैपटॉप -

न खरीदने वाले

व्यक्ति से ठीक

व्यक्तियों ने घड़ी

लैपटॉप खरीदा।

खरीदी। G और

Adda247

Q86. निम्नलि

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

Q87. A और बैग खरीदने वाले व्यक्ति के बीच कितने व्यक्तियों ने वस्तु खरीदी?

- (a) एक
- (b) दो
- (c) तीन
- (d) चार
- (e) कोई नहीं

Q88. निम्नलिखित में से कौन-सा युग्म गलत है?

- (a) D - घड़ी
- (b) E - पेन
- (c) B - बैग
- (d) G - पेंसिल
- (e) F - कैलकुलेटर

Q89. निम्नलिखित में से कौन-सा कथन सत्य है?

- (a) G ने घड़ी खरीदने वाले व्यक्ति से पहले खरीदी।
- (b) F वस्तु खरीदने वाला अंतिम व्यक्ति था।
- (c) जिस व्यक्ति ने D से घड़ी खरीदी, उसने E से भी खरीदी।
- (d) E ने नोटबुक खरीदने वाले व्यक्ति से पहले खरीदी।
- (e) G ने B से नोटबुक खरीदी।

Q90. लैंप खरीदने वाले व्यक्ति ने

- (a) चार
- (b) तीन
- (c) पाँच
- (d) दो
- (e) एक

Q91. यदि हम

सार्थक शब्द बनाएँ, तो निम्नलिखित शब्दों में से एक से अधिक शब्दों को उत्तर के रूप में चुन सकते हैं।

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

Directions

(Q88-Q91). नीचे दिए गए प्रश्नों में कुछ कथन दिए गए हैं जिनमें से कुछ सत्य माने जा सकते हैं और कुछ नहीं। आपको कथनों में दी गई सभी बातों को सत्य मानना है, भले ही वे सर्वज्ञात तथ्यों से भिन्न प्रतीत होते हों। अब, सामान्यतः ज्ञात तथ्यों को नज़रअंदाज़ करते हुए, निर्णय कीजिए कि दिए गए निष्कर्षों में से कौन सा निष्कर्ष कथनों का तार्किक रूप से अनुसरण करता है।

Q92. कथन:

सभी पिंक ट्यूलिप हैं।

केवल कुछ ट्यूलिप फ्लावर हैं।

कुछ पिंक येलो हैं।

निष्कर्ष:

I. कुछ येलो फ्लावर नहीं हैं।

II. कुछ येलो के ट्यूलिप होने की संभावना है।

-
- (a) यदि केवल निष्कर्ष I अनुसरण करता है
(b) यदि केवल निष्कर्ष II अनुसरण करता है
(c) यदि या तो निष्कर्ष I या II अनुसरण करता है
(d) यदि न तो निष्कर्ष I न ही II अनुसरण करता है
(e) यदि निष्कर्ष I और II दोनों अनुसरण करते हैं

Q93. कथन:

केवल कुछ ट्रेन ट्रक हैं।

कुछ ट्रेन बस नहीं हैं।

कोई ट्रक बैन नहीं है।

निष्कर्ष:

I. किसी बस के

II. सभी ट्रेन के

(a) यदि केवल

(b) यदि केवल

(c) यदि या तो

(d) यदि न तो

(e) यदि निष्कर्ष

Q94. कथन:

कोई चेयर टेबल

केवल चेयर डेस्क

सभी टेबल शेल्फ

निष्कर्ष:

I. कोई डेस्क शेल्फ

II. कुछ डेस्क शेल्फ

(a) यदि केवल

(b) यदि केवल

(c) यदि या तो

(d) यदि न तो

(e) यदि निष्कर्ष I और II दोनों अनुसरण करते हैं



Q95. यदि दिए गए शब्द “MARATHON” में सभी स्वरों को अंग्रेजी वर्णमाला में उनके विपरीत अक्षर से बदल दिया जाए और सभी व्यंजनों को उनके दूसरे पूर्ववर्ती अक्षर से बदल दिया जाए, तो ज्ञात कीजिए कि बने नए शब्द में कितने शब्द दोहराए गए हैं?

- (a) दो
(b) एक
(c) तीन
(d) चार
(e) पाँच

Directions (96-100): दी गई जानकारी का ध्यानपूर्वक अध्ययन करें और संबंधित प्रश्नों के उत्तर दें:

सात व्यक्ति A, B, C, D, E, F, G - उत्तर की ओर मुंह करके एक पंक्ति में बैठे हैं। उन्हें अलग-अलग फल - नाशपाती, सेब, अंगूर, आम, कीवी, चेरी, पपीता भी पसंद हैं। दी गई जानकारी का उपयोग उसी क्रम में नहीं किया गया है जैसा कि दिया गया है।

B, आम पसंद करने वाले व्यक्ति के दाएं से चौथे स्थान पर बैठा है। B और D के बीच दो व्यक्ति बैठे हैं। D के बाएं ओर व्यक्तियों की संख्या, पपीता पसंद करने वाले व्यक्ति के दाएं ओर व्यक्तियों की संख्या से एक कम है। कीवी पसंद करने वाला व्यक्ति G के बाएं से तीसरे स्थान पर बैठा है। नाशपाती पसंद करने वाला व्यक्ति A के ठीक बाएं बैठा है। A और अंगूर पसंद करने वाले व्यक्ति के बीच एक व्यक्ति बैठा है। A के बाएं ओर व्यक्तियों की संख्या, F और चेरी पसंद करने वाले व्यक्ति के बीच व्यक्तियों की संख्या के समान है। F और C को नाशपाती पसंद नहीं है।

Q96. E को निम्नलिखित में से कौन सा फल पसंद है?

- (a) पपीता
- (b) आम
- (c) अंगूर
- (d) सेब
- (e) नाशपाती

Q97. C और E के बीच कितने व्यक्ति बैठे हैं?

- (a) एक
- (b) दो
- (c) तीन
- (d) चार
- (e) पाँच

Q98. निम्नलिखित में से कौन सा फल पसंद करता है?

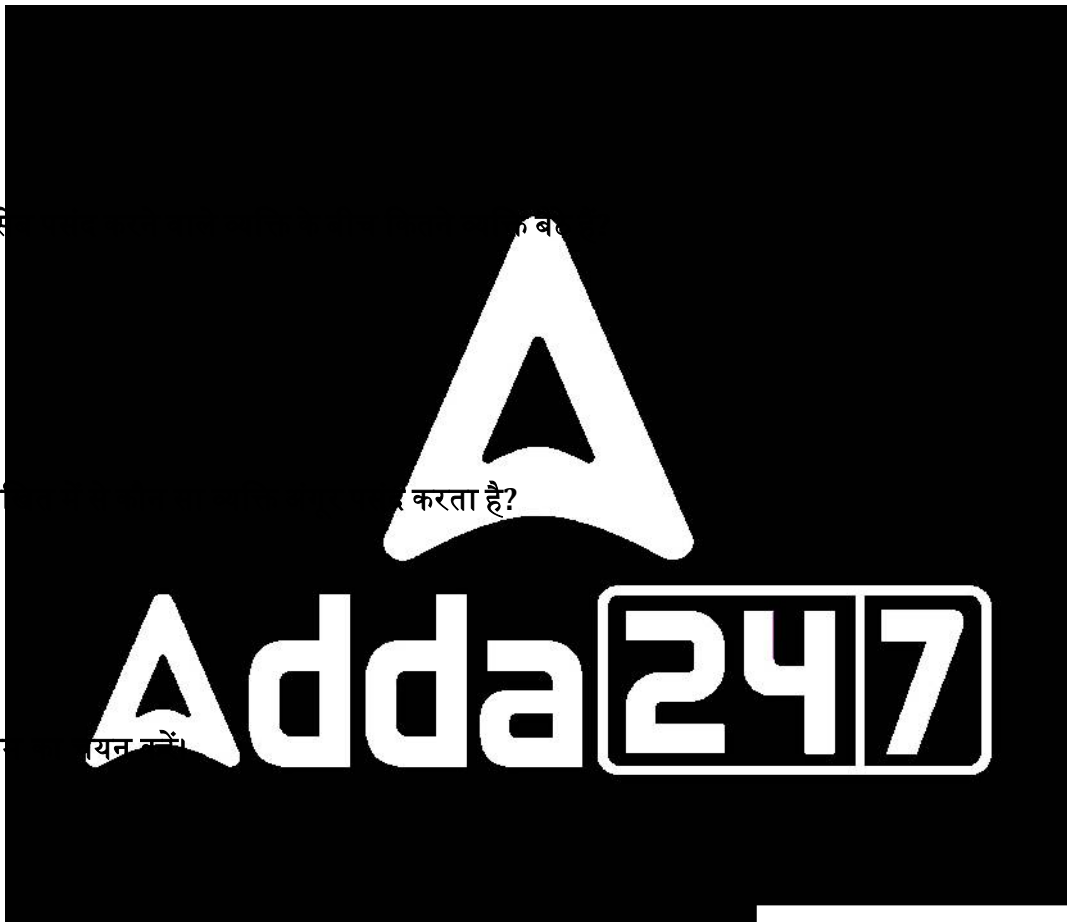
- (a) C
- (b) F
- (c) D
- (d) G
- (e) B

Q99. सही युग्म चुन लें।

- (a) F - कीवी
- (b) C - अंगूर
- (c) D - चेरी
- (d) A - आम
- (e) B - सेब

Q100. निम्नलिखित में से कौन-सा/से कथन सही है/हैं?

- I. G को पपीता पसंद है
 - II. C और D एक दूसरे के निकट बैठे हैं।
 - III. E के बायीं ओर दो व्यक्ति बैठे हैं।
- (a) केवल II
 - (b) केवल I
 - (c) केवल I और II
 - (d) केवल II और III
 - (e) केवल I और 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 variety of responses in different contexts.

"Dynamics" refers to the interactions and processes 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 main point of the passage. The passage discusses the economic and social implications of the declining fertility rate.

Statement II is correct as it mentions that the declining fertility rate has led to economic challenges, which is supported by the passage.

Statement III is incorrect as it states that the declining fertility rate is a replacement level, not a challenge. The passage discusses the economic and social implications of the declining fertility rate.

S4. Ans.(b)

Sol. The passage mentions that the declining fertility rate is a challenge, meaning the workforce is getting smaller. **"Shrinking"** is the correct word to describe this.

"Reducing" is incorrect as it implies a deliberate action to decrease the workforce, which is not the case. **"Gradually"** is incorrect as it implies a slow process, which is not the main point of the passage.

"Cumulative" is incorrect as it implies a process that builds up over time, which is not the main point of the passage. **"Strengthening"** is incorrect as it implies a process that makes something stronger, which is not the main point of the passage.

"Reduced" is incorrect as it implies a process that makes something smaller, which is not the main point of the passage.

"shrinking" is the correct word to describe the declining fertility rate.

"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 from online safety." "Safeguard" means to protect or guard against harm or danger.

"**Safeguard**" (a) means to protect or guard against harm or danger. ✓

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

"**Confusing**" (c) means to make unclear or difficult to understand. ✗

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

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

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 – M

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 – T

Abandon –

Deprive – To

S14. Ans.(d)

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

Implement –

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 findings.

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 dependent clause.

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 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

essential

The error lies in the use of "despite" instead of "in spite of."

S17. Ans.(c)

Sol. The correct

Explanation:

The verb "fell" is the correct form for the past tense. The sentence requires the past tense verb form for "fall". The correct verb form for "fall" in the past tense is "fell", not the past participle "fallen".

Grammatical

(A) "The va

- **Grammatical Role:** The verb "fell" is the correct form for the past tense.
- **Correctness:** No error.
- **Reason:** "attered" is correctly used in the past tense. The sentence describes an event that happened in the past.

(B) "into pi

- **Grammatical Role:** The sentence is a dependent clause.
- **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".

Grammatical Rule:**(A) "The company"**

- **Grammar:** Subject ("The company"), and verb ("innovate").
- **Correctness:** Grammatically correct.
- **Reasoning:** The subject is clear, and the verb "innovate" is appropriate in the context.

(B) "innovate rapidly"

- **Grammar:** Verb phrase indicating the action ("innovate rapidly").
- **Correctness:** Grammatically correct.
- **Reasoning:** The phrase "innovate rapidly" is appropriate in the context.

(C) "to the company"

- **Grammar:** Role: Prepositional phrase modifying "keep up".
- **Error:** Preposition "to" is incorrect; it should be "with" to correct "keep up to".
- **Correction:** Replace "to" with "with" to write "with the changing market demands".

(D) "demand rapidly"

- **Grammar:** Verb phrase indicating the action ("demand rapidly").
- **Correctness:** Grammatically correct.
- **Reasoning:** The phrase "demand rapidly" is appropriate in the context.

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 regretting the past, 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 the past, not ignoring a problem.

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 here.

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".

• (e) No improvement:

- Why is "is highly criticised" not grammatically correct? The correct phrase is "is highly criticised for maintaining".

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." "Shark" is often used metaphorically to describe a predator or someone with a strong appetite, the

S26. Ans.(b)

Sol. The correct

✓ (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 fit for the context of a hotel owner's actions. It might imply a natural disaster, but the sentence is about the owner's behavior.

- **Stranded (B)**

- **English:** Left without a way to travel or a means of escape.
- **Hindi:** अकेला छोड़ दिया, बिना किसी सहायता के 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 owner's actions, so "showed" is the correct verb.

- **Greed (C)**

- **English:** An intense desire for more money or power.
- **Hindi:** लालच, अधिक पैसा या शक्ति के लिए अत्यधिक इच्छा।
- **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 "teach" by a preposition.

• **End (B)**

- **English:** The final point or result of a process.
- **Hindi:** अंत (किसी प्रक्रिया का अंतिम बिंदु)।
- **Why incorrect in its position:** "End" should be placed at the end of the sentence, as it refers to a goal or result.

• **Goal (C)**

- **English:** A desired result or aim.
- **Hindi:** लक्ष्य (प्राप्त करने का उद्देश्य)।
- **Why incorrect in its position:** "Goal" should be placed at the end of the sentence, as it describes what the students are aiming for (a goal to read 10 books).

• **Students (D)**

- **English:** A person who is studying or learning.
- **Hindi:** छात्र (पढ़ने वाला व्यक्ति)।
- **Why incorrect in its position:** "Students" should be placed at the end of the sentence, as it indicates who is being targeted by the goal.

Final Answer:

✓ (c) B-C & A-D

This makes the sentence: "The school should teach the students to read 10 books by the end of the students year."

This creates a clear goal for the students.

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 ...
grammatical ... 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 excitement present.**
 - **Explanation:** The sentence is about excitement, so it's natural to find the excitement. This would explain the excitement.
- **(C) While the scene in an eerie mansion,**
 - **Explanation:** The scene is in an eerie mansion. It connects logic and the feeling they are being watched. It connects logic and the feeling they are being watched. It connects logic and the feeling they are being watched.

Analysis of the options:

- **(a) A-D & C-E:**
 - **Why incorrect:** A-D doesn't make sense because the excitement is about wrapping a gift, while C-E is about unwrapping a present, which creates an illogical connection.
- **(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 continued their journey**
 - **Explanation:** This connects with **(F): "until the sun set."** It makes sense as they are enduring the weather during their journey.

Analysis of

- **(b) C-E:**
 - **Why not?** Because C is about weather, and E is about celebrating, which doesn't logically follow.
- **(d) B-D:**
 - **Why not?** Because B is about celebrating, and D is about ensuring 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 pairs.

Final Answer:

✓ (a) A-D, B-E & C-F

This choice of pairs is the only one that logically connects all three pairs in the context of each scenario.

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-A-E-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 paragraph 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 technology, 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 technology, 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 **opportunities and challenges for the future**.

This sequence provides a logical flow from the general introduction of technology to specific benefits and challenges, ending with a forward-looking conclusion.

S38. Ans.(d)

Sol. The correct sequence is:

✓ (d) choose, edit, finalize, submit

Explanation:

The sentence is about improving images for a project. The logical sequence of steps is:

1. **(d) choose**: Selecting the images to be improved.
 - **Choose**: Selecting or deciding on something.
 - Example: "Choose the best photos for the album."
2. **(c) edit**: Making changes or improvements to the selected images.
 - **Edit**: Make changes or improvements to something.
 - Example: "Edit the photos to enhance their quality."
3. **(b) finalize**: Completing the editing process and preparing the final images.
 - **Finalize**: Complete or bring to a final state.
 - Example: "Finalize the edited images for the project."
4. **(a) submit**: Presenting the final images for approval or use.
 - **Submit**: Present or hand over for consideration or approval.
 - Example: "Submit the finalized images to the client."

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 enhancing the quality of images. The options are:

1. **(c) enhance, edit:**
 - **Enhance** means to improve or make something better, and **edit** means to make changes or corrections.
 - **E**nhance means to make something better, or extend its range, or extend its scope.
 - **E**dit means to make changes or corrections to a text or image.
 - **Gain** means to increase or obtain, and **edit** means to make changes or corrections.
 - **E**nhance means to make something better, or extend its range, or extend its scope.
 - **E**dit means to make changes or corrections to a text or image.
 - **Why incorrect:** **Gain** doesn't fit the context of improving skills, and **edit** doesn't make sense with **confidence**, which should increase with practice.
2. **(a) emphasize, reduce:**
 - **Emphasize** means to give more importance or authority, and **reduce** means to make something smaller or less.
 - **W**hen we **e**nhance, we **e**xtend its range, or extend its scope.
 - **W**hen we **r**educe, we **r**emove or take away.
 - **Why incorrect:** **Emphasize** doesn't fit the context of improving skills, and **reduce** doesn't make sense with **confidence**, which should increase with practice.
3. **(b) maintain, break:**
 - **Maintain** means to keep something in its current state, and **break** means to destroy or shatter.
 - **W**hen we **m**aintain, we **m**ake it stay the same.
 - **W**hen we **b**reak, we **b**ring it to an end.
 - **Why incorrect:** **Maintain** doesn't fit the context of improving skills, and **break** doesn't make sense with **confidence**, which should increase with practice.
4. **(d) deteriorate, break:**
 - **Deteriorate** means to get worse, and **break** means to destroy or shatter.
 - **W**hen we **d**eteriorate, we **d**ecrease or make it worse.
 - **W**hen we **b**reak, we **b**ring it to an end.
 - **Why incorrect:** These words contradict the idea that regular practice would improve skills and confidence.
5. **(e) develop, destroy:**
 - **Develop** means to grow or improve, and **destroy** means to ruin or put an end to something.
 - **W**hen we **d**evelop, we **d**ecrease or make it worse.
 - **W**hen we **d**estroy, we **d**ecrease or make it worse.
 - **Why incorrect:** **Destroy** contradicts the idea of gaining confidence. Confidence increases with practice, not decreases.

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 person had a **positive attitude** towards **innovative ideas** and the ideas were later put into action to improve workflow efficiency.

Analysis of

• **(a) reali**

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

- **Why incorrect:** The person was **enthusiastic** about the ideas, and the ideas were later put into action to improve workflow efficiency, and the person was **not** **realistic**.

• **(b) pess**

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

- **Why incorrect:** If someone is **pessimistic**, they would **not** be **enthusiastic** about **innovative ideas**. The person was **enthusiastic** about the ideas.

• **(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.

शहर	कुल शिकायतें	संबोधित न की गई शिकायतें	संबोधित शिकायतें
A	63	27	$63 - 27 = 36$
B	99	54	45
C	81	36	45
D	45	18	27
E	90	72	18

$$\text{अभीष्ट उत्तर} = \frac{45+90}{36+45} \times 100 = \frac{135}{81} \times 100 = 166.66\%$$

S42. Ans.(a)

Sol.

शहर	कुल शिकायतें	संबोधित न की गई शिकायतें	संबोधित शिकायतें
A	63	27	$63 - 27 = 36$
B	99	54	45
C	81	36	45
D	45	18	27
E	90	72	18

$$\text{अभीष्ट उत्तर} = \frac{36+18}{45+27} \times 100 = 100\%$$

S43. Ans.(a)

Sol.

शहर	कुल शिकायतें	संबोधित न की गई शिकायतें	संबोधित शिकायतें
A	63	27	$63 - 27 = 36$
B	99	54	45
C	81	36	45
D	45	18	27
E	90	72	18

$$F \text{ में दर्ज कुल शिकायतें} = \frac{63+45}{2} = 54$$

$$F \text{ में संबोधित न की गई शिकायतें} = \frac{4}{5} \times 45 = 36$$

$$F \text{ में संबोधित शिकायतें} = 54 - 36 = 18$$

S44. Ans.(a)

Sol.

शहर	कुल शिकायतें	संबोधित न की गई शिकायतें	संबोधित शिकायतें
A	63	27	$63 - 27 = 36$
B	99	54	45
C	81	36	45
D	45	18	27
E	90	72	18

A में दर्ज डकैती

A में दर्ज चोरी

A में दर्ज संबोधि

A में दर्ज संबोधि

अभीष्ट उत्तर =

S45. Ans.(d)

Sol.

शहर	कुल शिकायतें	संबोधित न की गई शिकायतें	संबोधित शिकायतें
A	63	27	$63 - 27 = 36$
B	99	54	45
C	81	36	45
D	45	18	27
E	90	72	18

महिलाओं द्वारा दर्ज की गई शिकायतें $= \frac{7}{9} \times 63 = 49$

पुरुषों द्वारा दर्ज की गई शिकायतें $= 63 - 49 = 14$

महिलाओं द्वारा दर्ज संबोधित न की गई शिकायतें $= 10$

महिलाओं द्वारा दर्ज संबोधित की गई शिकायतें $= 49 - 10 = 39$

अभीष्ट उत्तर $= 81 - 39 = 42$

S46. Ans.(d)

Sol. P में,

कुल छात्र $= 100\%$

$60\% = 120$

$1\% = 2$

कुल छात्र $= 200$

कुल लड़के $= 200$ का $40\% = 80$

Q में,

कुल छात्र = 100%

20% = 80

1% = 4

कुल छात्र = 400

कुल लड़के = 400 का 80% = 320

सेमिनार में उपस्थित कुल छात्र = 400 का 40% = 160

R में,

कुल छात्र = 100%

35% = 35

1% = 1

कुल छात्र = 100

कुल लड़के = 100 का 35% = 35

S में,

कुल छात्र = 100%

25% = 50

1% = 2

कुल छात्र = 200

कुल लड़के = 200 का 25% = 50

सेमिनार में उपस्थित कुल छात्र = 200 का 60% = 120

ATQ,

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

P में सेमिनार में उपस्थित छात्र = 200 का 15% = 30

y = 160 का 1%

में सेमिनार में उपस्थित छात्र का 2%

स्कूल	कुल छात्र	लड़कियों की संख्या	कुल लड़के	सेमिनार में उपस्थित छात्र	सेमिनार में उपस्थित नहीं होने वाले छात्र
P	200	120	80	30	170
Q	400	80	320	160	240
R	100	35	65	20	80
S	200	50	150	120	80

$$\text{अभीष्ट उत्तर} = \frac{80}{120+320} \times 100 = 18.18\% = 18\% \text{ (लगभग)}$$

S47. Ans.(e)

Sol. P में,

कुल छात्र = 100%

60% = 120

1% = 2

कुल छात्र = 200

कुल लड़के = 200 का 40% = 80

Q में,

कुल छात्र = 100%

20% = 80

1% = 4

कुल छात्र = 400

कुल लड़के = 400 का 80% = 320

सेमिनार में उपस्थित कुल छात्र = 400 का 40% = 160

R में,

कुल छात्र = 100%

35% = 35

1% = 1

कुल छात्र = 100

कुल लड़के = 100 का 35% = 35

S में,

कुल छात्र = 100%

25% = 50

1% = 2

कुल छात्र = 200

कुल लड़के = 200 का 25% = 50

सेमिनार में उपस्थित कुल छात्र = 200 का 60% = 120

ATQ,

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

P में सेमिनार में उपस्थित छात्र = 200 का 15% = 30

y = 160 का 1/4 = 40

में सेमिनार में उपस्थित छात्र = 40 + 30 = 70

स्कूल	कुल छात्र	लड़कियों की संख्या	कुल लड़के	सेमिनार में उपस्थित छात्र	सेमिनार में उपस्थित नहीं होने वाले छात्र
P	200	120	80	30	170
Q	400	80	320	160	240
R	100	35	65	20	80
S	200	50	150	120	80

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

S48. Ans.(d)

Sol. P में,

कुल छात्र = 100%

60% = 120

1% = 2

कुल छात्र = 200

कुल लड़के = 200 का 40% = 80

Q में,

कुल छात्र = 100%

20% = 80

1% = 4

कुल छात्र = 400

कुल लड़के = 400 का 80% = 320

सेमिनार में उपस्थित कुल छात्र = 400 का 40% = 160

R में,

कुल छात्र = 100%

35% = 35

1% = 1

कुल छात्र = 100

कुल लड़के = 100 का 35% = 35

S में,

कुल छात्र = 100%

25% = 50

1% = 2

कुल छात्र = 200

कुल लड़के = 200 का 25% = 50

सेमिनार में उपस्थित कुल छात्र = 200 का 10% = 20

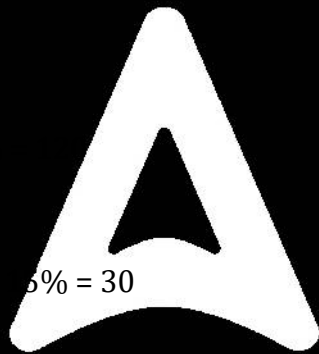
ATQ,

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

P में सेमिनार में उपस्थित लड़कियाँ = 15

y = 160 का 10% = 16

में सेमिनार में उपस्थित लड़के = 160 - 16 = 144



5% = 30

स्कूल	कुल छात्र	लड़कियों की संख्या	कुल लड़के	सेमिनार में उपस्थित छात्र	सेमिनार में उपस्थित नहीं होने वाले छात्र
P	200	120	80	30	170
Q	400	80	320	160	240
R	100	35	65	20	80
S	200	50	150	120	80

Q में सेमिनार में उपस्थित लड़कियाँ = 2(65-35) = 60

Q में सेमिनार में उपस्थित लड़के = 160 - 60 = 100

अभीष्ट अनुपात = 100: 300 = 1:3

S49. Ans.(d)

Sol. P में,

कुल छात्र = 100%

60% = 120

1% = 2

कुल छात्र = 200

कुल लड़के = 200 का 40% = 80

Q में,

कुल छात्र = 100%

20% = 80

1% = 4

कुल छात्र = 400

कुल लड़के = 400 का 80% = 320

सेमिनार में उपस्थित कुल छात्र = 400 का 40% = 160

R में,

कुल छात्र = 100%

35% = 35

1% = 1

कुल छात्र = 100

कुल लड़के = 100 का 35% = 35

S में,

कुल छात्र = 100%

25% = 50

1% = 2

कुल छात्र = 200

कुल लड़के = 200 का 25% = 50

सेमिनार में उपस्थित कुल छात्र = 200 का 60% = 120

ATQ,

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

P में सेमिनार में उपस्थित कुल छात्र = 200 का 15% = 30

y = 160 का 15% = 24

में सेमिनार में उपस्थित कुल छात्र = 160 + 24 = 184

स्कूल	कुल छात्र	लड़कियों की संख्या	कुल लड़के	सेमिनार में उपस्थित छात्र	सेमिनार में उपस्थित नहीं होने वाले छात्र
P	200	120	80	30	170
Q	400	80	320	160	240
R	100	35	65	20	80
S	200	50	150	120	80

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

S50. Ans.(c)

Sol. P में,

कुल छात्र = 100%

60% = 120

1% = 2

कुल छात्र = 200

कुल लड़के = 200 का 40% = 80

Q में,

कुल छात्र = 100%

20% = 80

1% = 4

कुल छात्र = 400

कुल लड़के = 400 का 80% = 320

सेमिनार में उपस्थित कुल छात्र = 400 का 40% = 160

R में,

कुल छात्र = 100%

35% = 35

1% = 1

कुल छात्र = 100

कुल लड़के = 100

S में,

कुल छात्र = 100

25% = 50

1% = 2

कुल छात्र = 200

कुल लड़के = 200

सेमिनार में उपस्थित कुल छात्र = 120

ATQ,

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

P में सेमिनार में उपस्थित कुल छात्र = 100 का 1% = 60

y = 160 का 1% = 80

में सेमिनार में



स्कूल	कुल छात्र	लड़कियों की संख्या	कुल लड़के	सेमिनार में उपस्थित छात्र	सेमिनार में उपस्थित नहीं होने वाले छात्र
P	200	120	80	30	170
Q	400	80	320	160	240
R	100	35	65	20	80
S	200	50	150	120	80

E में लड़के = 35 का 120% = 42

E में लड़के और लड़कियों का अनुपात = 80 : 120 = 2 : 3

E में लड़कियाँ = $\frac{3}{2} \times 42 = 63$

S51. Ans.(b)

Sol.

A और C में कुल छात्र = $350 - 150 = 200$

B में लड़के/लड़कियाँ = $150/2 = 75$

माना A में लड़के x हैं

$x + x + 25 + 25 = 200$

$75 = x$

स्कूल	कुल छात्र	कुल लड़के	कुल लड़कियाँ
A	100	75	25
B	150	75	75
C	100	25	75

A में,

उपस्थित नहीं होने वाले लड़के = 75 का 20% = 15

उपस्थित लड़के = $75 - 15 = 60$

उपस्थित लड़कियाँ = $15 - 5 = 10$

उपस्थित न होने वाली लड़कियाँ = $25 - 10 = 15$

B में,

उपस्थित न होने वाले लड़के = 15

उपस्थित लड़के = $75 - 15 = 60$

उपस्थित नहीं होने वाली लड़कियाँ = $40 - 15 = 25$

उपस्थित लड़कियाँ = $75 - 25 = 50$

C में,

कुल अनुपस्थित छात्र = $100/2 = 50$

उपस्थित न होने वाली लड़कियाँ = 45

उपस्थित लड़कियाँ = $75 - 45 = 30$

उपस्थित न होने वाले लड़के = 5

उपस्थित लड़के = $25 - 5 = 20$

अभीष्ट उत्तर =

S52. Ans.(b)

Sol.

A और C में कुल छात्र = $350 - 150 = 200$

B में लड़के/लड़कियाँ = $150/2 = 75$

माना A में लड़के x हैं

$x + x + 25 + 25 = 200$

$75 = x$

स्कूल	कुल छात्र	कुल लड़के	कुल लड़कियाँ
A	100	75	25
B	150	75	75
C	100	25	75

A में,

उपस्थित नहीं होने वाले लड़के = 75 का 20% = 15

उपस्थित लड़के = $75 - 15 = 60$

उपस्थित लड़कियाँ = $15 - 5 = 10$

उपस्थित न होने वाली लड़कियाँ = $25 - 10 = 15$

B में,

उपस्थित न होने वाले लड़के = 15

उपस्थित लड़के = $75 - 15 = 60$

उपस्थित नहीं होने वाली लड़कियाँ = $40 - 15 = 25$

उपस्थित लड़कियाँ = $75 - 25 = 50$

c में,

$$\text{कुल अनुपस्थित छात्र} = 100 / 2 = 50$$

$$\text{उपस्थित न होने वाली लड़कियाँ} = 45$$

$$\text{उपस्थित लड़कियाँ} = 75 - 45 = 30$$

$$\text{उपस्थित न होने वाले लड़के} = 5$$

$$\text{उपस्थित लड़के} = 25 - 5 = 20$$

$$\text{अभीष्ट उत्तर} = 60 + 10 - (15 + 25) = 30$$

S53. Ans.(a)

Sol.

$$\text{A और C में कुल छात्र} = 350 - 150 = 200$$

$$\text{B में लड़के/लड़कियाँ} = 150 / 2 = 75$$

माना A में लड़के x हैं

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

$$75 = x$$

स्कूल	कुल छात्र	कुल लड़के	कुल लड़कियाँ
A	100	75	25
B	150	75	75
C	100	25	75

A में,

$$\text{उपस्थित नहीं होने वाले लड़के} = 75 \text{ का } 20\% = 15$$

$$\text{उपस्थित लड़के} = 75 - 15 = 60$$

$$\text{उपस्थित लड़कियाँ} = 15 - 5 = 10$$

$$\text{उपस्थित न होने वाली लड़कियाँ} = 25 - 10 = 15$$

B में,

$$\text{उपस्थित न होने वाले लड़के} = 15$$

$$\text{उपस्थित लड़के} = 75 - 15 = 60$$

$$\text{उपस्थित नहीं होने वाली लड़कियाँ} = 40 - 15 = 25$$

$$\text{उपस्थित लड़कियाँ} = 75 - 25 = 50$$

c में,

$$\text{कुल अनुपस्थित छात्र} = 100 / 2 = 50$$

$$\text{उपस्थित न होने वाली लड़कियाँ} = 45$$

$$\text{उपस्थित लड़कियाँ} = 75 - 45 = 30$$

$$\text{उपस्थित न होने वाले लड़के} = 5$$

$$\text{उपस्थित लड़के} = 25 - 5 = 20$$

$$\text{अभीष्ट उत्तर} = \frac{75 + 75}{75} \times 100 = 200\%$$

S54. Ans.(a)

Sol.

$$\text{A और C में कुल छात्र} = 350 - 150 = 200$$

$$\text{B में लड़के/लड़कियाँ} = 150 / 2 = 75$$

माना A में लड़के x हैं

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

$$75 = x$$

स्कूल	कुल छात्र	कुल लड़के	कुल लड़कियाँ
A	100	75	25
B	150	75	75
C	100	25	75

A में,

उपस्थित नहीं होने वाले लड़के = 75 का 20% = 15

उपस्थित लड़के = 75 - 15 = 60

उपस्थित लड़कियाँ = 15 - 5 = 10

उपस्थित न होने वाली लड़कियाँ = 25 - 10 = 15

B में,

उपस्थित न होने वाले लड़के = 15

उपस्थित लड़के = 75 - 15 = 60

उपस्थित नहीं होने वाली लड़कियाँ = 40 - 15 = 25

उपस्थित लड़कियाँ = 75 - 25 = 50

C में,

कुल अनुपस्थित छात्र = 100/2 = 50

उपस्थित न होने वाली लड़कियाँ = 45

उपस्थित लड़कियाँ = 75 - 45 = 30

उपस्थित न होने वाले लड़के = 5

उपस्थित लड़के = 25 - 5 = 20

D में कुल छात्र = $\frac{3}{5} \times (45 + 5) = 30$

D में लड़कियाँ = 15 का 80% = 12

D में कुल लड़के = 30 - 12 = 18

S55. Ans.(e)

Sol.

मात्रा I -

$$\text{साधारण ब्याज} = \frac{6000 \times 2 \times 10}{100} + \frac{6000 \times 3 \times 15}{100} = 1200 + 2700 = 3900 \text{ रुपये}$$

मात्रा II - 3900 रुपये

S56. Ans.(b)

Sol.

A से B का लाभ-साझाकरण अनुपात

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

$$= 17600 : 40000$$

$$= 11 : 25$$

$$\text{अभीष्ट लाभ} = \frac{11000}{11} \times (11 + 25) = 36000 \text{ रुपये}$$

S57. Ans.(a)

Sol.

$$\text{संचयी चक्रवृद्धि ब्याज} = \left(10 + 10 + \frac{10 \times 10}{100}\right)\% = 21\%$$

$$\text{संचयी चक्रवृद्धि ब्याज} = \left(20 + 20 + \frac{20 \times 20}{100}\right)\% = 44\%$$

ATQ,

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

$$P = 13500$$

S58. Ans.(d)

Sol.

माना दूध और पानी की मात्रा क्रमशः 4a और a लीटर है

ATQ,

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

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

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

$$5a = 10$$

$$a = 2$$

पानी की प्रारंभिक मात्रा = $a = 2$ लीटर

S59. Ans.(c)

Sol. माना A और B की वर्तमान आयु क्रमशः $13x+2$ और $15x+2$ वर्ष है।

ATQ,

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

$$2x=4$$

$$x=2$$

अभीष्ट आयु =

S60. Ans.(c)

Sol.

माना A की आय $100a$ रुपये है

$$\text{किराये पर खर्च की गई राशि} = 100a \times \frac{20}{100} = Rs\ 20a$$

$$\text{कपड़े पर खर्च की गई राशि} = (100a - 20a) \times \frac{25}{100} = 20a\ Rs$$

$$\text{एफडी पर निवेश की गई राशि} = (100a - 20a - 20a) \times \frac{1}{5} = 12a$$

ATQ,

$$20a - 12a = 1680$$

$$a = 210$$

अभीष्ट राशि = $100a = 21000$ रुपये

S61. Ans.(a)

Sol. माना आय

दिया गया, $2a$

$$a=6$$

आय का परिधि $(3a+2a)$

$$= 2(5a) = 2 \times 30 = 60 \text{ सेमी}$$

माना वृत्त की त्रि

ATQ,

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

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

$$r = 14$$

$$\text{अभीष्ट क्षेत्रफल} = \frac{22}{7} \times 14 \times 14 = 616 \text{ वर्ग सेमी}$$

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.

माना क्रय मूल्य $100a$ रुपये है

अंकित मूल्य = $160a$ रुपये

विक्रय मूल्य = $160a \times \frac{85}{100} = 136a$ रुपये

ATQ,

$$136a - 100a = 72$$

$$a = 2$$

क्रय मूल्य = 200 रुपये

अंकित मूल्य = 320 रुपये

विक्रय मूल्य = $320 \times \frac{70}{100} = Rs\ 224$ रुपये

अभीष्ट लाभ = $224 - 200 = 24$ रुपये

S64. Ans.(e)

Sol.

माना कुल कार्य (20, 16 और 8 का ल.स.प.) = 80 इकाई

X की दक्षता = $\frac{80}{20} = 4$ इकाई/दिन

Y की दक्षता = $\frac{80}{16} = 5$ इकाई/दिन

Z की दक्षता = $\frac{80}{8} = 10$ इकाई/दिन

ATQ,

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

$$14D + 10D = 80$$

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

$$\text{अभीष्ट मान} = 3D = \frac{10}{3} \times 3 = 10$$

S65. Ans.(c)

Sol.

माना धारा के अनुकूल गति = $5a$ किमी/घंटा

तथा धारा की गति = $5a \times \frac{20}{100} = a$ किमी/घंटा

शांत जल में नाव की गति = $5a - a = 4a$ किमी/घंटा

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

$$30 = 3a$$

$$10 = a$$

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.

माना ट्रेन Y की लंबाई $5a$ मीटर है

तथा ट्रेन X की लंबाई $= 5a \times 1.8 = 9a$ मीटर

ट्रेन X की गति $= 108 \times \frac{5}{18} = 30$ मीटर/सेकंड

ट्रेन Y की गति $= \frac{30}{5} \times 3 = 18$ मीटर/सेकंड

माना पुल की लंबाई 'b' मीटर है

ATQ,

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

$$9a + b = 600$$

एक समीकरण में दो चर हैं

अतः, निर्धारित नहीं किया जा सकता है।

S67. Ans.(c)

Sol. सेट P में 9

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

सेट Q में चार क्र

$$Q = y, y+2, y+4, y+6$$

दिया गया

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

और

$$(9x+y)/2 = 27$$

$$9x+y=54$$

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

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

$$18x + 18 = 54$$

$$x + 1 = 3$$

$$x = 2 \text{ और } y = 18$$

$$\text{सेट P} = 18, 27, 36$$

$$\text{सेट Q} = 36, 38, 40, 42$$

$$\text{अभीष्ट अंतर} = 40 - 27 = 13$$

S68. Ans.(d)

Sol. श्रृंखला का पैटर्न है:

$$\begin{array}{cccccc} 7, & 296, & 657, & 1098, & 1627, & ? \\ & 289 & 361 & 441 & 529 & 625 \end{array}$$

$$? = 1627 + 625 = 2252$$

S69. Ans.(a)

Sol. श्रृंखला का पैटर्न है:

18, 82, 207, 423, 766, ?
64 125 216 343 512

$$? = 766 + 512 = 1278$$

S70. Ans.(b)

Sol. श्रृंखला का पैटर्न है:

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

S71. Ans.(c)

Sol.

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

S72. Ans.(d)

Sol.

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

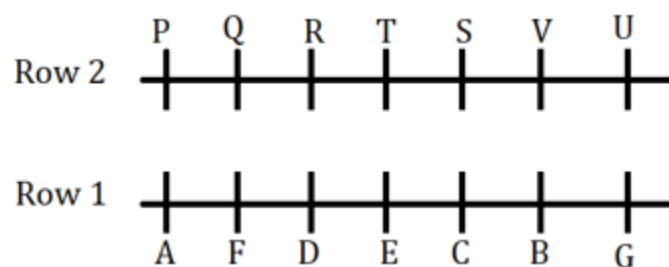
S73. Ans.(e)

Sol.

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

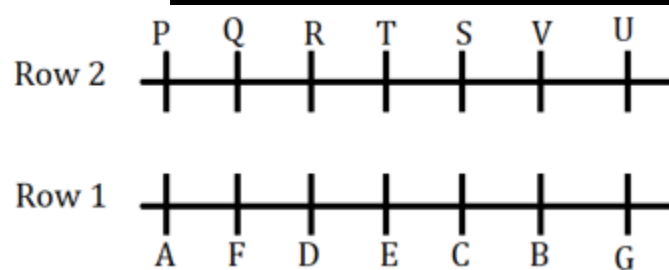
S74. Ans.(c)

Sol.



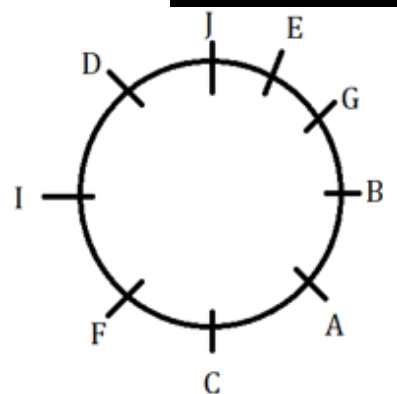
S75. Ans.(e)

Sol.



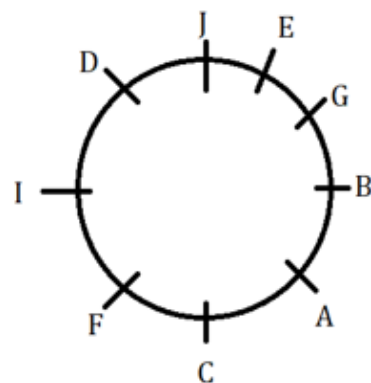
S76. Ans.(b)

Sol.



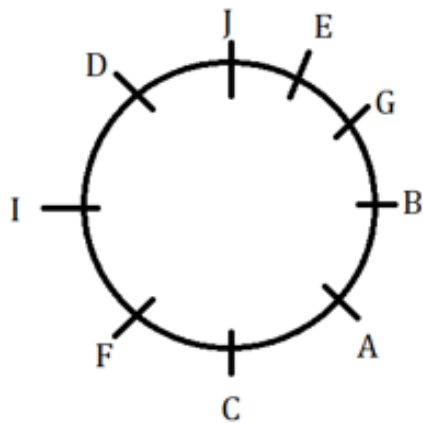
S77. Ans.(d)

Sol.



S78. Ans.(d)

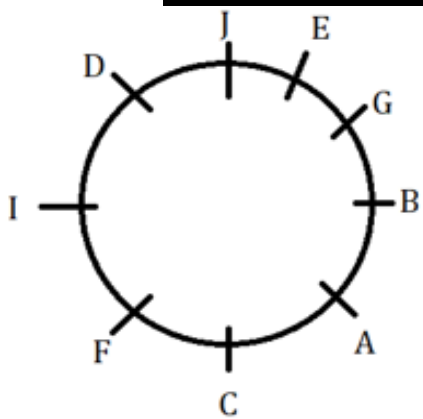
Sol.



यहाँ तर्क है: दो

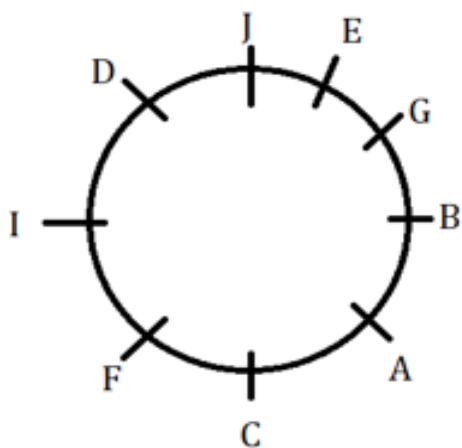
S79. Ans.(e)

Sol.



S80. Ans.(c)

Sol.



S81. Ans.(d)

Sol.

वर्ष	आयु	व्यक्ति
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.

वर्ष	आयु	व्यक्ति
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.

वर्ष	आयु	व्यक्ति
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.

वर्ष	आयु	व्यक्ति
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.

वर्ष	आयु	व्यक्ति
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.

व्यक्ति	वस्तु
C	घड़ी
A	पुस्तक
D	लैम्प
H	लैपटॉप
E	कलम
B	बैग
G	पेंसिल
F	कैलकुलेटर

S87. Ans.(c)

Sol.

व्यक्ति	वस्तु
C	घड़ी
A	पुस्तक
D	लैम्प
H	लैपटॉप
E	कलम
B	बैग
G	पेंसिल
F	कैलकुलेटर

S88. Ans.(a)

Sol.

व्यक्ति	वस्तु
C	घड़ी
A	पुस्तक
D	लैम्प
H	लैपटॉप
E	कलम
B	बैग
G	पेंसिल
F	कैलकुलेटर

S89. Ans.(b)

Sol.

व्यक्ति	वस्तु
C	घड़ी
A	पुस्तक
D	लैम्प
H	लैपटॉप
E	कलम
B	बैग
G	पेंसिल
F	कैलकुलेटर

S90. Ans.(c)

Sol.

व्यक्ति	वस्तु
C	घड़ी
A	पुस्तक
D	लैम्प
H	लैपटॉप
E	कलम
B	बैग
G	पेंसिल
F	कैलकुलेटर

S91. Ans.(b)

Sol. बनने वाले शब्द: 1

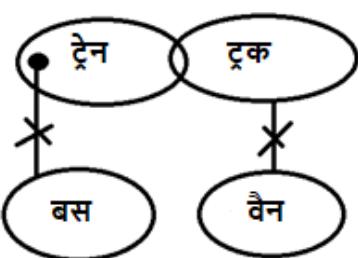
S92. Ans.(d)

Sol.



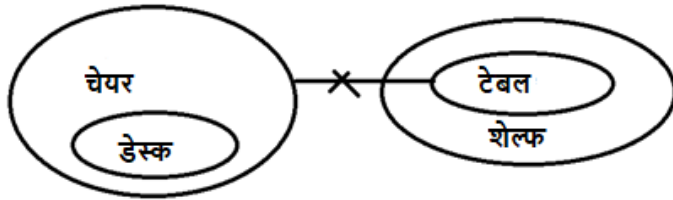
S93. Ans.(a)

Sol.



S94. Ans.(a)

Sol.

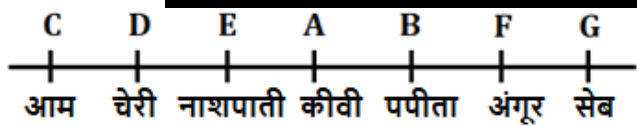


S95. Ans.(a)

Sol. MARATHON – KZPZRFL

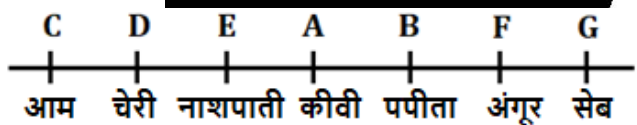
S96. Ans.(e)

Sol.



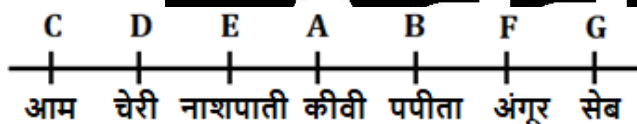
S97. Ans.(e)

Sol.



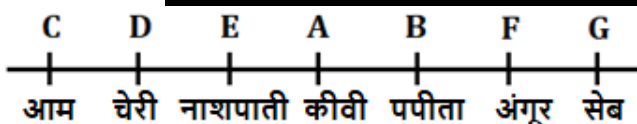
S98. Ans.(b)

Sol.



S99. Ans.(c)

Sol.



S100. Ans.(d)

Sol.

