**Directions (1-5): Read the information carefully and answer the questions given below:**

Eight people – A, B, C, D, E, F, G and H are living in a four-storey building where the ground floor is numbered as 1, just above it is floor 2, then the topmost floor is numbered as 4. Each of the floors has 2 flats in it as flat-P and flat-Q. Flat-P is in the west of flat-Q. Flat P of floor-2 is immediately above flat P of floor 1 and immediately below flat P of floor 3, and so on. Similarly, flat Q of floor 2 is immediately above flat Q of floor 1 and immediately below flat Q of floor 3.

C doesn't live on an odd numbered floor. B lives to the south east of A. Only one floor gap is between A and G who lives to the east of C. H lives below B and both live in the same named flat. F lives to the north of E.

**Q1. Which among the following statement(s) is/are true?**
I. A lives on the topmost floor
II. G and C live on the same floor
III. No one lives to the west of E
(a) Only I
(b) Both I and II
(c) Both II and III
(d) Only III
(e) All are true

**Q2. Four of the following five are alike in a certain way and thus form a group. Find the one who doesn't belong to group?**
(a) F
(b) D
(c) B
(d) C
(e) G
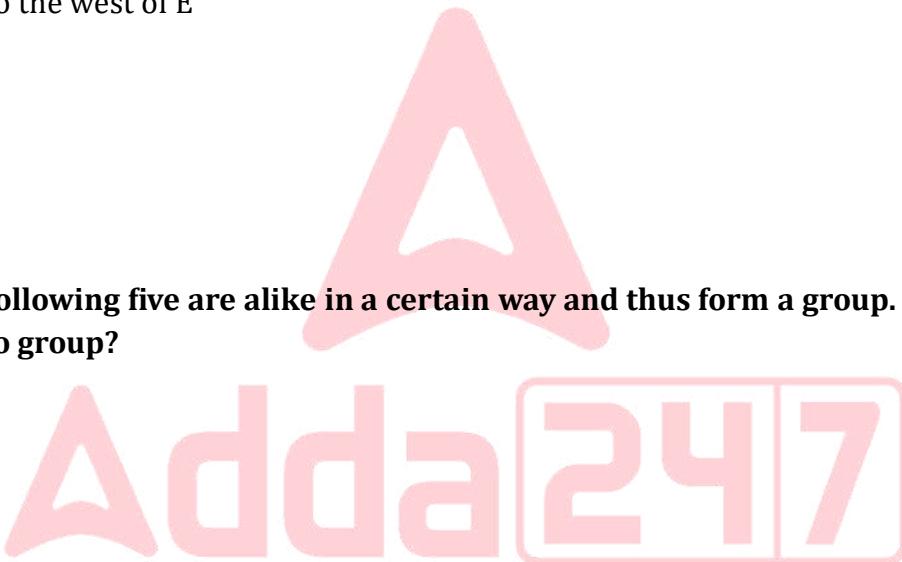
**Q3. Who among the following lives in flat Q of the 3rd floor?**
(a) A
(b) E
(c) B
(d) F
(e) None of these

**Q4. In which direction F lives with respect to G?**
(a) North-east
(b) North-west
(c) North
(d) South- east
(e) South-west
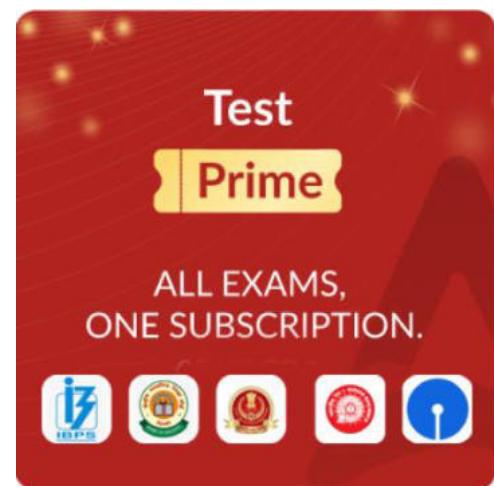
**Q5. What will be the sum of the floor number of A and H?**
(a) 3
(b) 4
(c) 6
(d) 5
(e) 7

**Q6.** How many pairs of digits are in the number **6281837**', each of which have as many digits between them (both forward and backward direction) as they have between them in the number series?
(a) Two
(b) More than four
(c) Four
(d) One
(e) Three

**Directions (7-9): In each question below, some statements are given followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements, disregarding commonly known facts. Give answer-**

**Q7. Statements:**
Only a few master is impressive
Some impressive is crashed
No crashed is champion
**Conclusions:**
I. No master is crashed
II. Some impressive are not champion
(a) If only conclusion I follows
(b) If only conclusion II follows
(c) If either conclusion I or II follows
(d) If neither conclusion I nor II follows
(e) If both conclusions I and II follow

**Q8. Statements:**
Only a few Trophy is good
All good is down
No down is hunger
**Conclusions:**
I. Some good is hunger
II. Some trophy being hunger is a possibility

(a) If only conclusion I follows

(b) If only conclusion II follows

(c) If either conclusion I or II follows

(d) If neither conclusion I nor II follows

(e) If both conclusions I and II follow

## Q9. Statements:

All compare is cup.

Some cup is play

Only a few play is waiting

**Conclusions:**

I. Some compare being waiting is a possibility

II. All cup is waiting

(a) If only conclusion I follows

(b) If only conclusion II follows

(c) If either conclusion I or II follows

(d) If neither conclusion I nor II follows

(e) If both conclusions I and II follow

**Directions (10-12): Read the following information carefully and answer the questions given below:**

Six persons– A, B, C, D, E and F compare their weights on a weighing machine, but not necessarily in the same order.

B is heavier than E. F is lighter than D. A is heavier than E. F is heavier than E but lighter than B. D is heavier than B. D is not the heaviest person. E is heavier than C.

## Q10. Who among the following is the heaviest?

(a) A

(b) C

(c) E

(d) B

(e) None of these

## Q11. How many persons are lighter to D?

(a) Two

(b) More than four

(c) Four

(d) One

(e) Three

**Q12. Who is exactly between A and E?**
(a) A
(b) C
(c) E
(d) B
(e) None of these

**Q13. Find the odd one out?**
(a) CDF
(b) NOQ
(c) STW
(d) KLN
(e) QRT

**Directions (14-18): Read the information carefully and answer the questions given below:**

Seven persons- M, N, O, P, Q, R and S are going to Holiday trip in different months i.e. January, March, April, May, June, July and August. Each of them like different colors- Red, Green, Yellow, Blue, White, Black and Grey but not necessarily in the same order.

Two persons go between N and the one who likes red. N goes in the month which has even number of days. Only one person goes between the one who likes blue and S. S likes black. The one who likes blue goes just before the one who likes green. The one who likes green goes in the month which has even number of days. P goes after N. R goes just after P. Q does not like grey. Four persons go between M and the one who likes yellow. The one who likes white goes after the one who likes yellow. N does not like white. Neither P nor O likes green and white.

**Q14. Which of the following color does Q like?**
(a) Green
(b) White
(c) Red
(d) Yellow
(e) None of these

**Q15. Who among the following goes on holiday trip in July?**
(a) M
(b) P
(c) R
(d) O
(e) Q

**Q16. How many persons go on trip between O and the one who likes Blue?**
(a) Two
(b) More than four
(c) Four
(d) One
(e) Three

**Q17. If all the persons go according to alphabetical order starts from January, then the position of how many persons remains unchanged?**
(a) Two
(b) More than four
(c) Four
(d) One
(e) Three

**Q18. Who among the following goes just after P?**
(a) M
(b) The one who likes green
(c) S
(d) N
(e) O

**Q19.** If the third, sixth, seventh, eighth and eleventh letters (from left) of the word "**CONSEQUENCES**" are combined to form a meaningful word, then what will be the third letter from the right end of the meaningful word formed? If more than one such word can be formed, mark the answer as X and if no such word can be formed, mark the answer as Y.
(a) N
(b) Q
(c) E
(d) X
(e) Y

**Directions (20-22): Study the following information carefully and answer the questions given below.**
In a family of three generations, there are eight members: A, B, C, D, E, F, G, and H.
F is the sister of G. A is father of B. C is the granddaughter of G. B is the wife of D. H is the brother of D. E is the niece of H. A is the brother-in-law of F. F is not married.

**Q20. How is A related to C?**
(a) Father
(b) Grandfather
(c) Brother
(d) Uncle
(e) None of these

**Q21. How is the sister-in-law of H related to E?**

(a) Aunt

(b) Sister

(c) Niece

(d) Grandmother

(e) Mother

**Q22. How many female members are there in the family?**

(a) Five

(b) Four

(c) Three

(d) Two

(e) One

**Directions (23-27): Study the following information carefully and answer the questions given below:**

Seven persons – A, B, C, D, E, F and G – work in a company. Each of them belongs to one of the three departments: Finance, HR and Marketing. Not less than two and more than three persons work in the same department. Each person likes a different colour among – Red, Blue, Green, Yellow, White, Black, and Orange.

F and A works in different departments but both of them doesn't work in HR. D and the one who likes white works in the same department, but not with F and A. D doesn't like white. E likes red and works in the same department as A. C only works with the one who likes blue. F likes yellow. C doesn't like blue. B and E works in different department. The one who likes black and orange works in the same department. G works in Finance. A and G doesn't like orange. The one who likes black doesn't work in marketing.

**Q23. Who among the following works in the HR department?**

(a) B

(b) D

(c) The one who likes red colour

(d) The one who likes green colour

(e) None of these

**Q24. Which among the following combination is correct?**

(a) B – Finance – Black

(b) A – Marketing – Green

(c) B – HR – Blue

(d) G – Finance – White

(e) D – HR – Black

**Q25. Which colour is liked by the person who works in the same department as E?**
(a) Black
(b) Orange
(c) Yellow
(d) White
(e) Green

**Q26. Which of the following statements is not true?**
(a) The one who likes blue works in HR
(b) A works in Marketing department
(c) B and D work in the same department
(d) A likes Green
(e) The one who likes orange works in Finance department

**Q27. Which of the following groups of persons definitely belong to the same department?**
(a) C, D and the one who likes Green
(b) A, E and the one who likes white
(c) D and A
(d) F, B and the one who likes Black
(e) C and G

**Directions (28-30): Study the following information carefully and answer the questions given below:**
Ritika starts walking from point A towards the east. After walking 7m, she reaches point B, from there she turns right and walks 2m to reach point C. Now she turns left and walks 9m to reach point E. Then she turns left again and walks 4m to reach point G. From there, she turns and take two consecutive left turns and walks 2m each to reach Point D. From there, she turns right and walks 6m to reach point K. Now finally she takes the right turn again and walks for 5m to reach Point L.

**Q28. In which direction is point G with respect to point A?**
(a) North
(b) East
(c) North-east
(d) West
(e) North-west

**Q29. What is the shortest distance between point L and point E?**
(a) 13m
(b) 11m
(c) √113m
(d) 113m
(e) √117m

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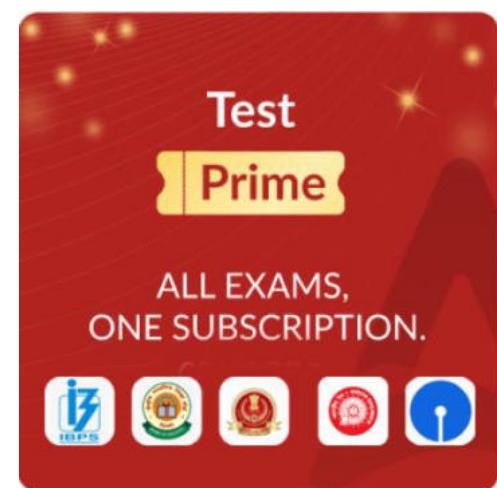
**Q30. Four of the following five are similar in a certain way. Who among the following does not belong to the group?**
(a) Point A and Point B
(b) Point B and Point D
(c) Point C and Point E
(d) Point K and Point D
(e) Point E and Point G

**Directions (31-35): Study the following information carefully and answer the questions given below:**
Eight persons – A, B, C, D, E, F, G and H are designated at the eight different designations – Chairman, Managing Director (MD), General Manager (GM), Deputy General Manager (DGM), Senior Manager (SM), Manager, Assistant Manager (AM) and Clerk, but not necessarily in the same order. The order of the designations is in decreasing order of seniority such that Chairman is the seniormost designation and Clerk is the junior-most.
G is designated three designations senior to D. The number of persons designated junior to D is two more than the number of person designated senior to E. Three persons are designated between E and H. C is designated junior to H. A is designated senior to Manager. F is designated four persons junior to A. B is designated senior to DGM.

**Q31. Who among the following is designated as Senior Manager (SM)?**
(a) The one who is designated immediately junior to D
(b) A
(c) The one who is designated three persons senior to F
(d) G
(e) B

**Q32. How many persons are designated between B and the one who is designated immediately senior to F?**
(a) Three
(b) Five
(c) Four
(d) Six
(e) Two

**Q33. Which of the following is the designation of D?**
(a) Managing Director
(b) Deputy General Manager
(c) Senior Manager
(d) Manager
(e) Assistant Manager

**Q34. The number of persons designated senior to A is same as the number of persons designated junior to ____.**

(a) D

(b) H

(c) C

(d) G

(e) F

**Q35. If B is related to Deputy General Manager and in the same way D is related to clerk then, E is related to who among the following?**

(a) Managing Director

(b) Clerk

(c) General Manager

(d) Manager

(e) Senior Manager

**Directions (36-39): Rearrange the following sentences to form a meaningful paragraph.**

**Q36.** (A) In all, this cycle repeats several times during a typical night's sleep.

(B) Human sleep is divided into REM and non-REM stages.

(C) Whereas comparatively non-REM sleep includes stages of deep, restorative rest.

(D) During REM sleep, dreams are most vivid and brain activity is high.

(E) Each stage plays a vital role in physical and mental recovery.

(a) B – A – D – C – A

(b) B – D – C – E – A

(c) B – D – C – A – E

(d) D – C– B – E – A

(e) No rearrangement required

**Q37.** (A) Many users share personal data without realizing the consequences.

(B) This can lead to identity theft and targeted surveillance.

(C) Internet privacy is a growing concern in the digital age.

(D) Companies often collect and store user information for various purposes.

(E) Therefore, users must take steps to protect their online identity.

(a) C – D – A – B – E

(b) A – D – B – C – E

(c) B – D – A – C – E

(d) D – A – C – B – E

(e) No rearrangement required

**Q38.** (A) Oceans absorb a significant amount of the Earth's heat.
(B) This heat absorption regulates global climate and weather patterns.
(C) These changes highlight the link between oceans and climate change.
(D) Warmer oceans disrupt marine ecosystems and intensify storms.
(E) However, excess heat is causing ocean temperatures to rise.
(a) B – D – A – C – E
(b) A – C – B – D – E
(c) B – A – D – C – E
(d) A – B – E – D – C
(e) No rearrangement required

**Q39.** (A) On one hand, reading enhances vocabulary.
(B) It improves concentration and strengthens language skills.
(C) Developing a regular reading habit has multiple cognitive benefits.
(D) On the other hand, in a world of distractions, reading offers a focused mental exercise.
(E) These advantages make reading an essential lifelong habit.
(a) C – A – B – D – E
(b) A – C – B – D – E
(c) C – B – A – D – E
(d) C – A – D – B – E
(e) No rearrangement required

**Directions (40-47): Read the following passage and answer the given questions.**
In recent years, China's economy has expanded rapidly, with consumer spending playing a pivotal role. From groceries to luxury items, nearly every purchase now passes through digital payment gateways such as Alipay and WeChat Pay. These platforms have revolutionized the financial landscape, providing convenience and speed. However, beneath this innovation lies a growing concern: the overcharging practices of these payment firms.

Merchants across sectors have complained that the transaction fees are often higher than advertised. Small firms, in particular, feel the burden, as they rely heavily on digital payments to stay competitive in a market where cash is steadily declining. Many local businesses, unable to bear the pressure of mounting costs, have **folded** within months of adopting these systems. This _____ how dependence on a few gateways can distort fair competition.

A recent report highlights that while international credit card companies charge between 1% and 3% per transaction, some Chinese gateways impose hidden charges that push the effective rate even higher. The issue is not just about percentages; merchants also face delays in settlement, mandatory promotional tie-ins, and penalties for using alternative platforms. These tactics create an environment where **firms** have little choice but to comply.

Interestingly, consumers remain largely unaware of the scale of overcharging because the extra costs are often folded into the final prices of goods and services. In a way, the **weather** of the broader economy—rising inflation, slowing exports, and unpredictable growth—makes these charges even harder to digest. Instead of encouraging financial freedom, these practices contribute to a sense of dependency on a few dominant players.

Observers warn that if unchecked, this trend could harm innovation in the long run. The monopolistic grip of payment giants not only squeezes small firms but also discourages new entrants from experimenting with alternative solutions. Unless greater transparency and regulatory oversight are introduced, the promise of a seamless digital economy may end up costing more than it delivers.

**Q40. What is the central irony described in the passage regarding digital payment gateways in China?**
(a) Consumers believe digital platforms are free, though they are highly profitable.
(b) Platforms intended to help small merchants are instead contributing to their collapse.
(c) China developed digital payment systems for rural areas but they are only used in cities.
(d) Regulatory authorities fail to notice the dominance of platforms like Alipay and WeChat Pay.
(e) Consumers benefit more than merchants due to government subsidies on transactions.

**Q41. How does the overall state of the economy affect the problems caused by digital payment platforms, according to the passage?**
(a) It helps small merchants adapt faster to digital systems.
(b) It makes overcharging practices more acceptable to the public.
(c) It increases the burden of overcharging due to financial pressures like inflation.
(d) It incentivizes payment firms to reduce fees.
(e) It drives consumers away from digital platforms.

**Q42. Which of the following statements can be inferred to be TRUE based on the passage?**
(I) Digital payment systems were initially perceived as tools to improve financial accessibility.
(II) Delays in settlement and penalties are part of the challenges faced by merchants using Chinese digital payment platforms.
(III) Consumers have protested en masse against overcharging practices by payment firms.
(a) Only (I)
(b) Both (I) and (II)
(c) Only (III)
(d) Both (I) and (III)
(e) All (I), (II) and (III)

**Q43. Which of the following statements is/are FALSE according to the passage?**
(I) The majority of consumers are well-informed about the extra transaction charges added by payment firms.
(II) The convenience of digital payments has completely eliminated financial dependency on dominant platforms.
(III) All Chinese digital gateways charge uniformly between 1% and 3% per transaction.
(a) Only (I)
(b) Only (II)
(c) Both (I) and (II)
(d) Both (I) and (III)
(e) All (I), (II), and (III)

**Q44.** Choose the most suitable word for the given blank.
(a) informs
(b) produces
(c) change
(d) highlights
(e) payment

**Q45. Choose the word that can best replace the word "weather" in the passage.**
(a) Atmosphere
(b) Condition
(c) Climate
(d) Situation
(e) Storm

**Q46.** Which of the following is the most appropriate synonym of **"firms"** in the context of the passage?
(a) Companies
(b) Holds
(c) Contracts
(d) Stubborn
(e) Customers

**Q47.** In the sentence, what is the most suitable synonym for **"folded"**?
(a) Expanded
(b) Closed
(c) Shrunk
(d) Evolved
(e) Joined

**Q48. In the question below, four sentences have been given. Out of four sentences, one sentence is error-free. Find out which of the following sentences is error-free. If all the given sentences have errors, then choose option 'All are incorrect' as your answer choice.**
(a) The Indian Ocean is strategically important for global trade and shipping.
(b) Front running involves illegal trading based on non-public information above transactions.
(c) The Marrakech Agreement focuses on global climate action since sustainable development.
(d) Blackbucks are graceful antelopes find primarily in the Indian subcontinent.
(e) None are correct

Q49. **In the question below, four sentences have been given. Out of four sentences, one sentence is error-free. Find out which of the following sentences is error-free. If all the given sentences have errors, then choose option 'All are incorrect' as your answer choice.**
(a) Patachitra painting is an ancient Indian art form known for storytelling.
(b) Critical minerals is essential for technology, energy, and industrial applications worldwide.
(c) Drip pricing adds extra charges to advertising prices, deceiving consumers.
(d) Migration affects economies, creating opportunities and challenges to both regions.
(e) None are correct

**Q50. In the question below, four sentences have been given. Out of four sentences, one sentence is error-free. Find out which of the following sentences is error-free. If all the given sentences have errors, then choose option 'All are incorrect' as your answer choice.**
(a) Sailfin catfish is freshwater fish with distinctive fins and vibrant coloration.
(b) Meitei Sagol is a traditional breeds of horse in Manipur.
(c) Foot rot disease affects livestock, causing pain, lameness, and productive loss.
(d) Areca nut is widely consumed across Asia for its stimulant properties.
(e) None are correct

**Q51. In the question below, four sentences have been given. Out of four sentences, one sentence is error-free. Find out which of the following sentences is error-free. If all the given sentences have errors, then choose option 'All are incorrect' as your answer choice.**
(a) Bhishm Cube is an intricate puzzle challenge logical thinking and strategy.
(b) India VIX measured market volatility and investor sentiment in Indian markets.
(c) The paradox of thrift suggests saving most would harm economic growth.
(d) The Panama Canal connects the Atlantic and Pacific Oceans, enabling global trade.
(e) None are correct

**Directions (52-57): In the following passage, there are blanks, each of which has been denoted by a letter. For each blank, five options are given. Choose the most appropriate word from the options that fits the blank appropriately.**

In a healthy office environment, it is important that senior employees _____(A) guidance and support to their juniors. Newcomers often feel _____(B) when trying to understand their roles and responsibilities. A helpful senior can _____(C) the learning process by sharing experiences and providing useful tips. This not only builds confidence but also _____(D) stronger team relationships. When juniors feel respected and _____(E), they are more likely to contribute effectively. Hence, mutual cooperation and mentorship are _____(F) for maintaining a productive workplace.

**Q52. Which of the following word best fits in blank A?**
(a) demand
(b) growth
(c) offer
(d) review
(e) wait

**Q53. Which of the following word best fits in blank B?**
(a) nervous
(b) lazy
(c) empty
(d) anxiety
(e) complete

**Q54. Which of the following word best fits in blank C?**
(a) delay
(b) confuse
(c) recruit
(d) guess
(e) speed

**Q55. Which of the following word best fits in blank D?**
(a) blocks
(b) pursues
(c) fulfilled
(d) fosters
(e) integrate
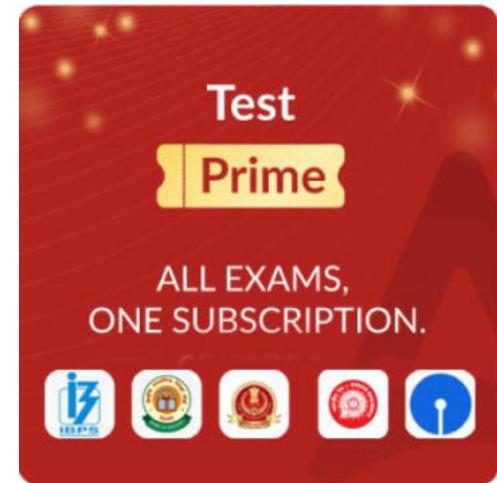
**Q56. Which of the following word best fits in blank E?**
(a) adhered
(b) welcomed
(c) tired
(d) regulated
(e) restricted

**Q57. Which of the following word best fits in blank F?**
(a) critical
(b) nominal
(c) analytical
(d) accrual
(e) minimal

**Directions (58-61): In the question below four words are given in bold. These four words are may not be in their correct position. 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 replace each other.**

**Q58.** Recent space **relentless (A)** highlight humanity's **breakthroughs (B)** pursuit of cosmic knowledge, **propelling (C)** us toward a future of **exploration (D)** and discovery."
(a) B-C & A-D
(b) A-B
(c) C-D
(d) A-C & B-D
(e) No interchange required

**Q59.** Global **including (A)** for sustainability, **initiatives (B)** reforestation, signal a **safeguard (C)** commitment to **collective (D)** our planet's future.
(a) A-D
(b) B-C
(c) A-B & C-D
(d) D-B & C-A
(e) No interchange required

**Q60. Innovative (A)** educational tech, **from (B)** virtual classrooms to interactive apps, is **reshaping (C)** learning, offering dynamic and **personalized (D)** experiences.
(a) D-B & C-A
(b) A-D
(c) B-C
(d) A-B & C-D
(e) No interchange required

**Q61.** Artificial Intelligence **transforms (A)** healthcare with precise **diagnostics (B)** and personalized treatments, **era (C)** in a new **ushering (D)** of medical advancements.
(a) A-B & C-D
(b) A-C & B-D
(c) C-D
(d) A-D
(e) No interchange required

**Directions (62-63): In the question below, a few phrases are given in two columns. Choose the best possible combination of phrases as the answer from the given options, in order to form a meaningful sentence.**

**Q62.** COLUMN I
(A) As the orchestra played, the harmonious
(B) Setting off on an impromptu journey, they unearthed
(C) The classroom buzzed with intellectual curiosity
COLUMN II
(D) that a well-prepared meal brings to the table
(E) at home can open up the magical world
(F) hidden treasures, crafting indelible memories
(a) C-E & A-D
(b) B-F
(c) B-D & C-F
(d) A-E
(e) None of the above

**Q63.** COLUMN I
(A) Amidst challenges, a glimmer of hope emerged,
(B) Beneath the starlit sky, the rhythmic sounds of
(C) Before sleep, dreams painted vibrant landscapes
COLUMN II
(D) echoing the timeless beauty of nature's embrace.
(E) of unexplored possibilities and aspirations
(F) while mysteries that once seemed vulnerable
(a) C-E
(b) B-D & A-E
(c) C-D & B-F
(d) A-F
(e) None of the above

**Directions (64-65): In each question, a phrasal verb is provided. Identify the sentence(s) in which the phrasal verb has been used correctly.**

**Q64. Bring up**
(I) She decided to bring up the issue of salary during the meeting.
(II) They had to bring up the old furniture from the basement.
(III) Her grandparents brought her up after her parents passed away.

(a) Only (I)
(b) Only (II)
(c) Both (I) and (II)
(d) Both (I) and (III)
(e) All (I), (II), and (III)

**Q65. Look after**
(I) She stayed home to look after her younger brother.
(II) The manager promised to look after the complaints personally.
(III) He wanted to look after the documents before signing the contract.
(a) Only (I)
(b) Only (II)
(c) Both (I) and (II)
(d) Both (I) and (III)
(e) All (I), (II), and (III)

**Directions (66-70): The table given below shows the total number of wooden and mechanical pencils in five shops and it also shows the price of total mechanical and wooden pencils.**

| Shops | Total number of wooden and mechanical pencils | Price of total mechanical and wooden pencils |
|---|---|---|
| A | 38 | 490 |
| B | 47 | 415 |
| C | 112 | 1310 |
| D | 75 | 900 |
| E | 40 | 425 |

**Note –** Cost of wooden pencil and mechanical pencil is Rs 5 and Rs 20 respectively.

**Q66. Find the ratio of cost of total mechanical pencil in A and B together to cost of total wooden pencil in D.**
(a) 16:5
(b) 5:1
(c) 1:6
(d) 1:5
(e) 1:2

**Q67. Find the total mechanical pencil in C is what percentage of total wooden pencil in E.**
(a) 100
(b) 200
(c) 160
(d) 150
(e) 102

**Q68. Find the average number of wooden pencil in A, mechanical pencil in B and E.**
(a) 10
(b) 5
(c) 16
(d) 15
(e) 12

**Q69. Shop B sold 20% of wooden pencil at the profit of 20% and rest at the profit of 50%. Find the total selling price of wooden pencil.**

(a) 292

(b) 215

(c) 246

(d) 232

(e) 252

**Q70. The ratio of total pencil in F to total pencil in C is 5: 7 and shop F has 30% more than wooden pencil than D. Find the mechanical pencils in F is what percentage more/less than wooden pencil sold by E.**

(a) 102%

(b) 105%

(c) 106%

(d) 112%

(e) 110%

**Directions (71-75): The bar graph shows the total item manufactured by four companies A, B, C and D. It also shows the total item sold by these companies.**
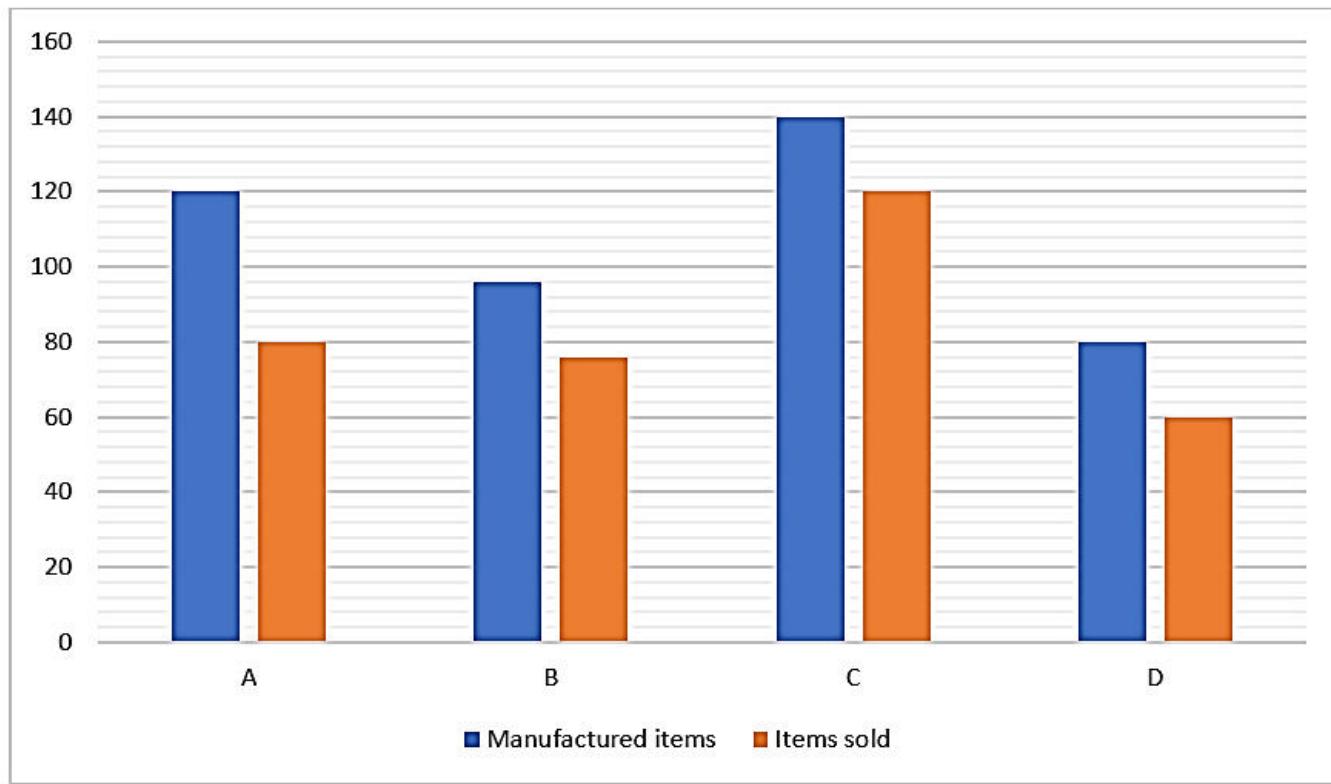


**Note –** Profit amount of each item of A, B, C & D are 20, 25, 85, 90.

**Q71. Find the ratio of items sold by A and B together to unsold items of C and D together.**

(a) 39:10

(b) 20:19

(c) 40:41

(d) 32:39

(e) 22:21

**Q72. Unsold items of A, B and C is what percentage of total items sold by C.**

(a) 42%

(b) 66.66%

(c) 40%

(d) 32%

(e) 33.33%

**Q73. If the cost price of Article A and D is 100 and 60 respectively. Find the difference between total selling price of all the sold items in A and D.**

(a) 14800

(b) 18000

(c) 14000

(d) 31200

(e) 18600

**Q74. If the total selling price of all the sold items of B is Rs.15200, then find the cost price of 10% of items manufactured by B.**

(a) 4200

(b) 2000

(c) 4000

(d) 3200

(e) 2200

**Q75. If the item C is marked up by 20% of cost price and give a discount of 10%. Find the marked price of the each item of C.**

(a) 1292

(b) 1275

(c) 1245

(d) 1235

(e) 1220

**Q76. A shopkeeper marked up an article 2R% above cost price and allow a discount of 25% and sold it loss of 19% at Rs. 648. Find the value of 'R'?**

(a) 8

(b) 6

(c) 5

(d) 4

(e) 3

**Directions (77-81): In each series one term is wrong you have to find the wring term of each series.**

**Q77.** 8, 129, 298, 587, 950, 1477, 2318

(a) 8

(b) 129

(c) 1477

(d) 950

(e) 2318

**Q78.** 7, 8, 16, 39, 55, 180, 216

(a) 8

(b) 216

(c) 180

(d) 55

(e) 16

**Q79.** 110, 115, 120, 120, 100, 125, 95

(a) 110

(b) 120

(c) 95

(d) 100

(e) 125

**Q80.** 3, 6, 27, 100, 505, 3036, 21259

(a) 21259

(b) 505

(c) 6

(d) 27

(e) 100

**Q81.** 213, 221, 331, 345, 365, 395, 431
(a) 213
(b) 221
(c) 345
(d) 395
(e) 431

**Directions (82-86): What approximate value should come in place of (?) in the following questions.**

**Q82.** $1620.03 \div 44.93 + 8836 \div (46.98)^2 = ?$
(a) 50
(b) 42
(c) 48
(d) 40
(e) 45

**Q83.** $(11.99)^2 + (28.86)^2 - \{(425 + 655) \div (6)^3\} = ?$
(a) 1030
(b) 980
(c) 1065
(d) 1090
(e) 1025

**Q84.** $3875 \div (4.99)^3 = ? - \{(24)^2 \div 47.98\}$
(a) 45
(b) 49
(c) 41
(d) 47
(e) 43

**Q85.** $\frac{2511.99 - ?}{\sqrt{1368}} = \{(26.99)^2 - 138.99 - (360.08 \div 3.99)\} \div 9.99$
(a) 662
(b) 735
(c) 679
(d) 701
(e) 726

**Q86.** $(? \div 17.99) \times 5.99 = 319.87\%$ of 60
(a) 560
(b) 568
(c) 554
(d) 576
(e) 578
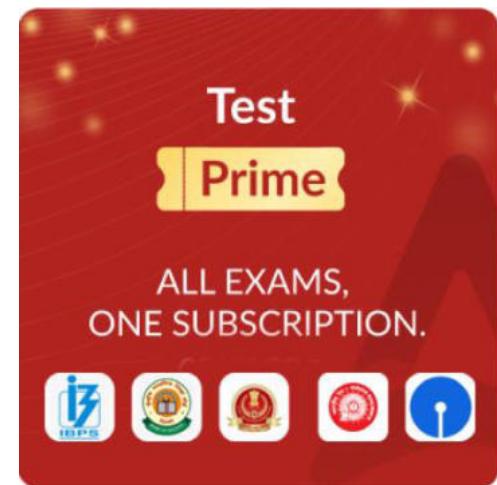
**Q87. A spend 25% of his monthly income on rent and 20% of remaining in food, 40% remaining in traveling and rest he saved. If total monthly saving of A is Rs.10800, then find the monthly income of A. (in Rs.)?**
(a) 25000
(b) 30000
(c) 21000
(d) 40000
(e) 48000

**Q88. Two trains, A and B, are moving at speeds of 60 km/h and 80 km/h respectively. Train A crosses a platform that is 150 meters long in 15 seconds, while Train B crosses a pole in 18 seconds. What the sum of length of both trains A and B (in meters)?**
(a) 320
(b) 160
(c) 420
(d) 400
(e) 500

**Q89. In a mixture, the ratio of milk to water is 5:1. When 20 liters of water is added into the mixture, then the ratio of milk to water becomes equal. Find the quantity of milk in the final mixture (in liter).**
(a) 25
(b) 24
(c) 5
(d) 20
(e) 15

**Q90. A can complete 40% of a work in 8 days, while B takes four more days than that of A to complete the same work. Find the time taken by A and B together to complete the same work (in days)?**
(a) $7\frac{10}{11}$
(b) $8\frac{10}{11}$
(c) $9\frac{10}{11}$
(d) 10
(e) $10\frac{10}{11}$

**Q91. The length of the rectangle is 20% more than its breadth. If the side of a square is equal to the breadth of rectangle, then find the respective ratio of area of square to that of rectangle?**
(a) 5 : 6
(b) 1 : 6
(c) 6 : 5
(d) 6 :7
(e) 5 :1

**Q92. A boat covers 120 km in six hours in downstream. The respective ratio of speed of boat in still water and speed of stream is 3: 1. If speed of stream is increased by 80%, then find in how much time the boat will cover 84 km in upstream?**
(a) 12 hours
(b) 14 hours
(c) 10 hours
(d) 15 hours
(e) 16 hours

**Q93. A invests Rs.5600 on simple interest at R% for four years and he invested Rs.4800 on compound interest at 10% p.a. for two years. If the simple interest is Rs.672 more than that of compound interest, then find the value of R.**
(a) 7.5
(b) 8
(c) 1.5
(d) 10
(e) 12

**Q94. A and B started a business with an investment of Rs X and Rs X+800, respectively. After eight months A left, C joined with Rs 2400. If, at the end of the year, the profit share of B is Rs 5400 out of the total profit of Rs 9300, then find X.**
(a) 2500
(b) 4000
(c) 1600
(d) 5000
(e) 6500

**Q95. The average weight of 75 students in a class is 20 kg. The average weight of boys and girls is 22 kg and X kg, respectively. If the ratio of boys and girls in the class is 2:1, respectively, then find X?**
(a) 16
(b) 24
(c) 48
(d) 8
(e) 32

**Q96. The ratio of present age of A to B's is 3 : 2. Five years ago, A age was twice than that of B age at that time. Five years hence, sum of ages of A and B is equal to C age at that time. Find present age of C (in years)?**
(a)35
(b) 40
(c) 20
(d) 25
(e) 30

**Q97. Set X contains seven consecutive even numbers which sum is 630. Set Y contains five consecutive odd numbers whose sum is 295.**

**Quantity I:** What is average of first four consecutive even number of the set X.

**Quantity II:** 27 more than average of first two numbers of set Y.

(a) Quantity I > Quantity II

(b) Quantity I < Quantity II

(c) Quantity I ≥ Quantity II

(d) Quantity I ≤ Quantity II

(e) Quantity I = Quantity II or no relation

**Q98. What is the S.I accrued on a principle of Rs.6000 in 5 years.**

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

**Quantity II** – Rs.3900

(a) Quantity I > Quantity II

(b) Quantity I < Quantity II

(c) Quantity I ≥ Quantity II

(d) Quantity I ≤ Quantity II

(e) Quantity I = Quantity II or no relation

**Q99. In the given question, two quantities are given, one as 'Quantity I' and another as 'Quantity II'. You have to determine relationship between two quantities and choose the appropriate option.**

**Quantity I :** A mixture contains 120 liters of milk and water in the ratio of 3:5, respectively. If Y liters of mixture are taken out and 10 liters of milk and 15 liters of water are added to the mixture, then the ratio of milk to water becomes 8:13. Find Y.

**Quantity II :** 60

(a) Quantity I > Quantity II

(b) Quantity I < Quantity II

(c) Quantity I ≥ Quantity II

(d) Quantity I ≤ Quantity II

(e) Quantity I = Quantity II or no relation

**Q100.** In the given questions, two quantities are given, one as 'Quantity I' and another as 'Quantity II'. You have to determine relationship between two quantities and choose the appropriate option.

**Quantity I:** The average age of 21 people is 64 years. If the age of a new person is added the new average age becomes 64.5 years, then find the age of new person.

**Quantity II:** There are 14 people in a family and the average age of all the family members is 30 years. A new baby born in a family, after 4 years what will be the average age of the all-family member.

(a) Quantity I > Quantity II

(b) Quantity I < Quantity II

(c) Quantity I ≥ Quantity II

(d) Quantity I ≤ Quantity II

(e) Quantity I = Quantity II or no relation

# Solutions

## S1. Ans.(e)
**Sol.**

| Floor | Flat P | Flat Q |
|-------|--------|--------|
| 4 | A | D |
| 3 | F | B |
| 2 | C | G |
| 1 | E | H |

## S2. Ans.(b)
**Sol.**

| Floor | Flat P | Flat Q |
|-------|--------|--------|
| 4 | A | D |
| 3 | F | B |
| 2 | C | G |
| 1 | E | H |

## S3. Ans.(c)
**Sol.**

| Floor | Flat P | Flat Q |
|-------|--------|--------|
| 4 | A | D |
| 3 | F | B |
| 2 | C | G |
| 1 | E | H |

## S4. Ans.(b)
**Sol.**

| Floor | Flat P | Flat Q |
|-------|--------|--------|
| 4 | A | D |
| 3 | F | B |
| 2 | C | G |
| 1 | E | H |

## S5. Ans.(d)
**Sol.**

| Floor | Flat P | Flat Q |
|-------|--------|--------|
| 4 | A | D |
| 3 | F | B |
| 2 | C | G |
| 1 | E | H |

## S6. Ans.(e)
**Sol.** Three pairs found

6 2 8 1 8 3 7

**Adda247 App**
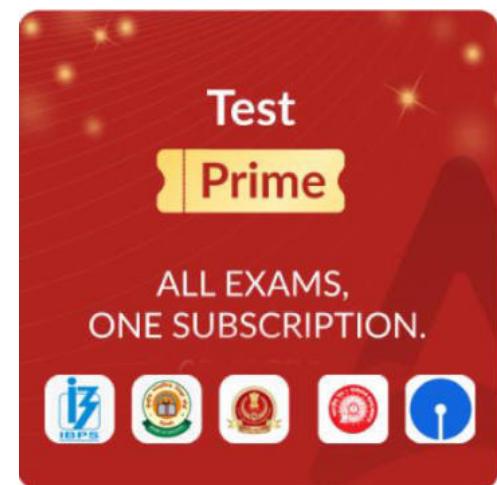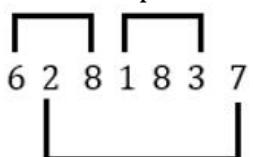
**S7. Ans.(b)**

**Sol.**
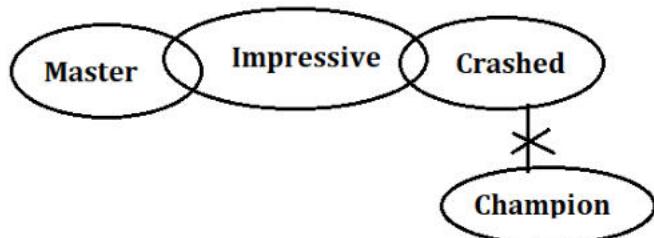


**S8. Ans.(b)**

**Sol.**



**S9. Ans.(a)**

**Sol.**
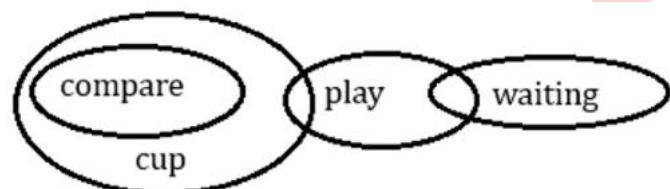


**S10. Ans.(a)**

**Sol.**

1 > 2 > 3 > 4 > 5 > 6
A > D > B > F > E > C

**S11. Ans.(c)**

**Sol.**

1 > 2 > 3 > 4 > 5 > 6
A > D > B > F > E > C

**S12. Ans.(d)**

**Sol.**

1 > 2 > 3 > 4 > 5 > 6
A > D > B > F > E > C

**S13. Ans.(c)**

**Sol.** Except STW, logic is here:



**S14. Ans.(b)**

**Sol.**

| Months | Persons - Colors |
|---|---|
| January | O - Yellow |
| March | S - black |
| April | N - Grey |
| May | P - Blue |
| June | R - Green |
| July | M - Red |
| August | Q - White |

**S15. Ans.(a)**

**Sol.**

| Months | Persons - Colors |
|---|---|
| January | O - Yellow |
| March | S - black |
| April | N - Grey |
| May | P - Blue |
| June | R - Green |
| July | M - Red |
| August | Q - White |

**S16. Ans.(a)**

**Sol.**

| Months | Persons - Colors |
|---|---|
| January | O - Yellow |
| March | S - black |
| April | N - Grey |
| May | P - Blue |
| June | R - Green |
| July | M - Red |
| August | Q - White |

**S17. Ans.(d)**
**Sol.**

| Months | Persons - Colors |
|---|---|
| January | O - Yellow |
| March | S - black |
| April | N - Grey |
| May | P - Blue |
| June | R - Green |
| July | M - Red |
| August | Q - White |

**S18. Ans.(b)**
**Sol.**

| Months | Persons - Colors |
|---|---|
| January | O - Yellow |
| March | S - black |
| April | N - Grey |
| May | P - Blue |
| June | R - Green |
| July | M - Red |
| August | Q - White |

**S19. Ans.(c)**
**Sol.** QUEEN

**S20. Ans.(b)**
**Sol.**

```
F (-) ——— G (-) = A (+)
               |
        B (-) = D (+) — H (+)
               |
        C (-) ——— E (-)
```

**S21. Ans.(e)**
**Sol.**

```
F (-) ——— G (-) = A (+)
               |
        B (-) = D (+) — H (+)
               |
        C (-) ——— E (-)
```

**S22. Ans.(a)**
**Sol.**

```
F (-) ——— G (-) = A (+)
               |
        B (-) = D (+) — H (+)
               |
        C (-) ——— E (-)
```
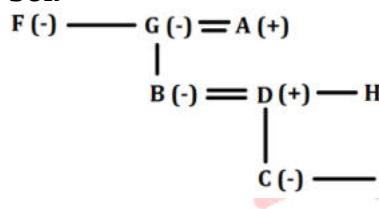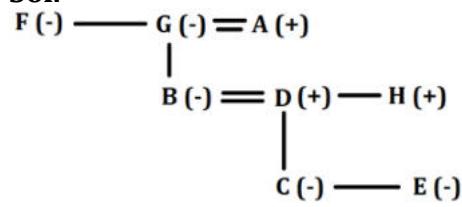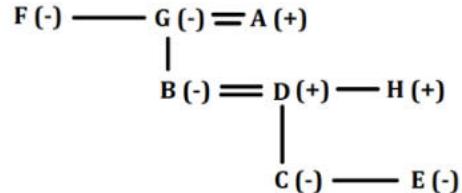
**S23. Ans.(b)**
**Sol.**

| Departments | Persons - Colours |
|---|---|
| HR | D - Blue |
| | C - White |
| Marketing | A - Green |
| | E - Red |
| Finance | F - Yellow |
| | B - Orange |
| | G - Black |

**S24. Ans.(b)**
**Sol.**

| Departments | Persons - Colours |
|---|---|
| HR | D - Blue |
| | C - White |
| Marketing | A - Green |
| | E - Red |
| Finance | F - Yellow |
| | B - Orange |
| | G - Black |

**S25. Ans.(e)**
**Sol.**

| Departments | Persons - Colours |
|---|---|
| HR | D - Blue |
| | C - White |
| Marketing | A - Green |
| | E - Red |
| Finance | F - Yellow |
| | B - Orange |
| | G - Black |

**S26. Ans.(c)**
**Sol.**

| Departments | Persons - Colours |
|---|---|
| HR | D - Blue |
| | C - White |
| Marketing | A - Green |
| | E - Red |
| Finance | F - Yellow |
| | B - Orange |
| | G - Black |

**S27. Ans.(d)**
**Sol.**

| Departments | Persons - Colours |
|-------------|-------------------|
| HR | D - Blue |
| | C - White |
| Marketing | A - Green |
| | E - Red |
| Finance | F - Yellow |
| | B - Orange |
| | G - Black |

**S28. Ans.(c)**
**Sol.**
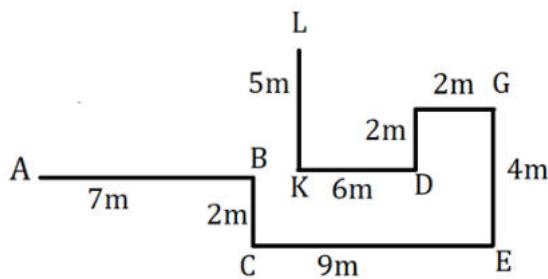


**S29. Ans.(c)**
**Sol.**
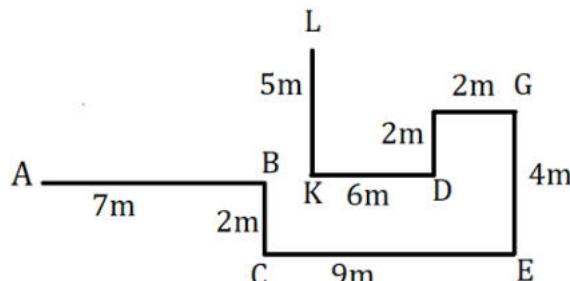


**S30. Ans.(e)**
**Sol.**
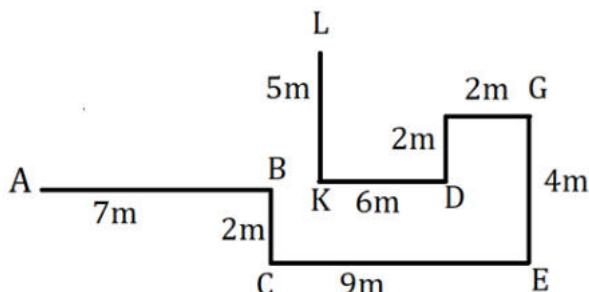


Except Point E and Point G, in other options first point is to the west of second point.

## S31. Ans.(c)
**Sol.**

| Designations | Persons |
|---|---|
| Chairman | E |
| MD | B |
| GM | G |
| DGM | A |
| SM | H |
| Manager | D |
| AM | C |
| Clerk | F |

## S32. Ans.(c)
**Sol.**

| Designations | Persons |
|---|---|
| Chairman | E |
| MD | B |
| GM | G |
| DGM | A |
| SM | H |
| Manager | D |
| AM | C |
| Clerk | F |

## S33. Ans.(d)
**Sol.**

| Designations | Persons |
|---|---|
| Chairman | E |
| MD | B |
| GM | G |
| DGM | A |
| SM | H |
| Manager | D |
| AM | C |
| Clerk | F |

## S34. Ans.(b)
**Sol.**

| Designations | Persons |
|---|---|
| Chairman | E |
| MD | B |
| GM | G |
| DGM | A |
| SM | H |
| Manager | D |
| AM | C |
| Clerk | F |
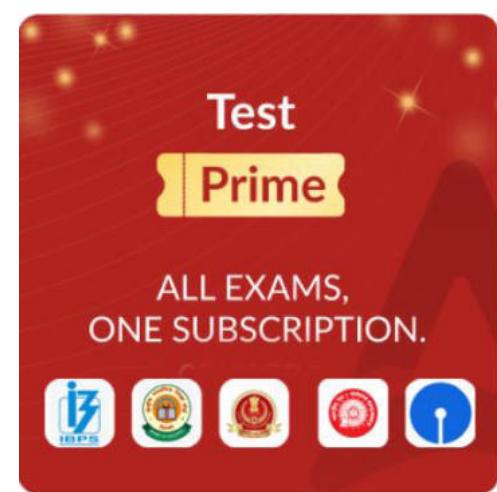
**S35. Ans.(c)**
**Sol.**

| Designations | Persons |
|---|---|
| Chairman | E |
| MD | B |
| GM | G |
| DGM | A |
| SM | H |
| Manager | D |
| AM | C |
| Clerk | F |

E is related to General Manager. Logic here is - the first person is designated two persons senior to the designation given.

**S36. Ans.(b)**
**Sol. Final Correct Sequence:**
**B – D – C – E – A**
**Step-by-step Analysis:**
1. **(B)** is the logical **opening sentence**.
2. It introduces the structure of sleep:
3. *"Human sleep is divided into REM and non-REM stages."*
4. **(D)** follows naturally by elaborating on **REM sleep**, which was introduced in (B):
5. *"During REM sleep, dreams are most vivid and brain activity is high."*
6. **(C)** contrasts REM with **non-REM sleep**, using "whereas comparatively":
7. *"Whereas comparatively non-REM sleep includes stages of deep, restorative rest."*
8. This must **follow** (D) to maintain the contrast.
9. **(E)** generalizes the **importance of both stages**:
10. *"Each stage plays a vital role in physical and mental recovery."*
11. **(A)** concludes by noting the **repetition** of the REM–non-REM cycle:
12. *"In all, this cycle repeats several times during a typical night's sleep."*
13. "This cycle" clearly refers to the REM and non-REM stages discussed.

**S37. Ans.(a)**
**Sol.** Correct Sequence: **C – D – A – B – E**
**Step-by-step Analysis:**
1. **Sentence (C)** is the most general and introduces the main idea:
2. *"Internet privacy is a growing concern in the digital age."*
3. This must be the **opening sentence**.
4. After introducing the concern, the paragraph should describe **who collects user data and how**.
5. So, **(D)** fits next:
6. *"Companies often collect and store user information..."*
7. Then, **(A)** highlights **user behavior** in this context:
8. *"Many users share personal data without realizing the consequences."*
9. Logically follows (D), as both deal with how data gets exposed.
10. Next, we explain the **consequences** of this data sharing — that's **(B)**:
11. *"This can lead to identity theft and targeted surveillance."*
12. Finally, **(E)** concludes with a **recommendation**:
13. *"Therefore, users must take steps to protect their online identity."*
14. The word *"Therefore"* shows it's a conclusion based on the previous problems.

## S38. Ans.(d)

**Sol.** Correct sequence: (d) A – B – E – D – C

**Step-by-step Analysis:**

1. Sentence (A) introduces the topic by stating that oceans absorb Earth's heat. This is the logical starting point.
2. Sentence (B) follows, explaining the effect of that heat absorption—regulation of climate and weather. "This heat absorption" clearly refers to (A).
3. Sentence (E) introduces a contrast with the word "however," showing that too much heat is now being absorbed, leading to warming oceans.
4. Sentence (D) continues the cause-effect sequence, showing the consequences of warmer oceans.
5. Sentence (C) serves as the conclusion, summarizing that these changes connect oceans to climate change.

## S39. Ans.(a)

**Sol.** Correct sequence: (a) C – A – B – D – E

**Step-by-step Analysis:**

1. **Sentence (C)** is the most general and introductory in nature:
2. *"Developing a regular reading habit has multiple cognitive benefits."*
3. This sets the topic and must come first.
4. **Sentence (A)** begins the first point using the phrase *"On one hand,"* which requires a contrast later.
5. So (A) should come right after the introduction (C).
6. **Sentence (B)** supports and adds to (A) by listing additional benefits.
7. *"It improves concentration..."* refers back to reading.
8. **Sentence (D)** introduces a contrast with *"On the other hand,"* continuing the structured comparison started in (A).
9. It presents another kind of benefit: focus in a distracted world.
10. **Sentence (E)** concludes the paragraph:
11. *"These advantages..."* refers back to all the benefits described, making it a natural closing line.

## S40. Ans.(b)

**Sol.** The key irony is found in: *"Ironically, the very gateways that were expected to boost inclusivity are now becoming a source of financial strain."* This points to the contradiction between the intended benefit and the actual outcome.

**Detailed Analysis of Options:**

- **(a) Consumers believe digital platforms are free, though they are highly profitable.**
- This is not the central irony. The passage does not state that consumers believe the platforms are free; rather, it highlights that consumers are unaware of overcharging because costs are hidden in product prices.
- **(b) Platforms intended to help small merchants are instead contributing to their collapse.**
- This captures the irony well. Digital gateways were meant to provide convenience and support business growth, but the hidden charges and high fees have pushed many small firms into losses or closure. Hence, instead of being an enabler, they have become a burden.

- **(c) China developed digital payment systems for rural areas but they are only used in cities.**
- This is not mentioned in the passage. The text focuses on transaction fees and market dominance, not geographical distribution.
- **(d) Regulatory authorities fail to notice the dominance of platforms like Alipay and WeChat Pay.**
- While the passage suggests a need for oversight, it does not claim regulators are unaware; rather, it warns about unchecked dominance in the future.
- **(e) Consumers benefit more than merchants due to government subsidies on transactions.**
- The passage does not mention government subsidies. Instead, it shows that consumers unknowingly bear hidden costs in higher prices, which means they don't actually benefit.

## S41. Ans.(c)

**Sol.** From: *"the weather of the broader economy—rising inflation, slowing exports…—makes these charges even harder to digest."* Hence, the economic stress compounds the burden.

**Detailed Analysis of Options:**

- **(a) It helps small merchants adapt faster to digital systems.**
- This is incorrect. The passage does not suggest that the economy helps merchants adapt. In fact, small merchants are struggling more because of financial pressures.
- **(b) It makes overcharging practices more acceptable to the public.**
- Incorrect. The public is largely unaware of overcharging, but there is no mention that it becomes more "acceptable." The tone of the passage stresses the negative impact.
- **(c) It increases the burden of overcharging due to financial pressures like inflation.**
- Correct. The passage explicitly mentions that rising inflation, slowing exports, and unpredictable growth make these charges harder to digest. Thus, the already weak economic climate worsens the effects of hidden fees.
- **(d) It incentivizes payment firms to reduce fees.**
- Incorrect. The passage makes no mention of firms reducing fees; instead, it shows they continue exploiting merchants.
- **(e) It drives consumers away from digital platforms.**
- Incorrect. Consumers remain largely unaware of the issue because costs are hidden in final prices. There is no indication that they are abandoning digital payments.

## S42. Ans.(b)

**Sol.** (b) Both (I) and (II)

**Statement-wise Analysis:**

- **(I) Digital payment systems were initially perceived as tools to improve financial accessibility.**
- True. The passage mentions that platforms like Alipay and WeChat Pay "revolutionized the financial landscape, providing convenience and speed." This implies they were seen as a way to improve access and efficiency.
- **(II) Delays in settlement and penalties are part of the challenges faced by merchants using Chinese digital payment platforms.**
- True. The passage clearly states that merchants face "delays in settlement, mandatory promotional tie-ins, and penalties for using alternative platforms."
- **(III) Consumers have protested en masse against overcharging practices by payment firms.**
- False. The passage highlights that "consumers remain largely unaware of the scale of overcharging." Hence, there is no mention of widespread protests.

**S43. Ans.(e)**
**Sol. (e) All (I), (II), and (III)**
**Statement-wise Analysis:**

- **(I) The majority of consumers are well-informed about the extra transaction charges added by payment firms.**
- False. The passage clearly states that "consumers remain largely unaware of the scale of overcharging."
- **(II) The convenience of digital payments has completely eliminated financial dependency on dominant platforms.**
- False. The passage says the opposite — instead of encouraging financial freedom, these practices "contribute to a sense of dependency on a few dominant players."
- **(III) All Chinese digital gateways charge uniformly between 1% and 3% per transaction.**
- False. The passage points out that *international* credit card companies charge between 1–3%, but Chinese gateways often impose hidden charges that push rates even higher. Thus, the statement is inaccurate.

**S44. Ans.(d)**
**Sol. Correct Answer:**
**(d) highlights**
Because the sentence needs a word that shows or emphasizes the point being made. The collapse of businesses *highlights* how dependency distorts competition.
**Word Meanings & Usage**
**1. Informs**
- **English meaning:** Gives information about something.
- **Example:** The teacher informs students about the exam schedule.
- **Hindi meaning:** सूचित करना / जानकारी देना
**2. Produces**
- **English meaning:** To create, make, or bring forth.
- **Example:** The factory produces thousands of cars every year.
- **Hindi meaning:** उत्पादन करना / बनाना
**3. Change**
- **English meaning:** To make or become different.
- **Example:** The weather can change suddenly in the mountains.
- **Hindi meaning:** बदलना / परिवर्तन
**4. Highlights**
- **English meaning:** To emphasize or make something stand out.
- **Example:** This case highlights the need for stricter safety rules.
- **Hindi meaning:** उजागर करना / प्रमुखता देना
**5. Payment**
- **English meaning:** The act of giving money for goods or services.
- **Example:** She made the payment through online banking.
- **Hindi meaning:** भुगतान

**S45. Ans.(d)**
**Sol.** The relevant line is:
**"In a way, the weather of the broader economy—rising inflation, slowing exports, and unpredictable growth—makes these charges even harder to digest."**
Here, **"weather"** is not used in the literal sense of climate or atmosphere. Instead, it metaphorically refers to the **overall condition/situation of the economy.**
**Option Analysis:**
* **(a) Atmosphere**
* Too literal. Refers to air or surroundings, not suitable in this economic context.
* **(b) Condition**
* Close, but still a bit too general.
* **(c) Climate**
* Again too literal, though sometimes used metaphorically for "business climate." Still, not the best fit.
* **(d) Situation**
* Best fit. The passage describes the *situation* of the broader economy (inflation, slowing exports, growth issues).
* **(e) Storm**
* Implies chaos or trouble, but the passage is broader and neutral in tone — not about a literal storm.

**S46. Ans.(a)**
**Sol.** The passage uses **"firms"** in lines such as:
**"Merchants across sectors have complained... Small firms, in particular, feel the burden..."**
Here, **"firms"** clearly refers to **business organizations/companies**.
**Word meanings:**
**(a) Companies (Correct Synonym of "Firms")**
* **Meaning (English):** Business organizations that sell goods or services.
* **Example (English):** Several companies are competing in the digital payment industry.
* **Meaning (Hindi):** कंपनियाँ / व्यवसायिक संगठन
**(b) Holds**
* **Meaning (English):** To grasp, carry, or keep in possession.
* **Example (English):** She holds the keys to the office.
* **Meaning (Hindi):** पकड़ / थामना
**(c) Contracts**
* **Meaning (English):** A written or spoken agreement that is legally binding.
* **Example (English):** The company signed two new contracts with suppliers.
* **Meaning (Hindi):** अनुबंध / समझौता
**(d) Stubborn**
* **Meaning (English):** Unwilling to change one's opinion or behavior despite reason.
* **Example (English):** He is too stubborn to admit his mistake.
* **Meaning (Hindi):** ज़िद्दी / हठी
**(e) Customers**
* **Meaning (English):** People who buy goods or services from a business.
* **Example (English):** The shop has many loyal customers.
* **Meaning (Hindi):** ग्राहक

**S47. Ans.(b)**
**Sol.** "Many local businesses, unable to bear the pressure of mounting costs, have folded within months of adopting these systems."
Here, **"folded"** means **shut down or closed due to failure** — not literally folding paper.
**Word meanings:**
**(a) Expanded**
- **Meaning (English):** To increase in size, number, or importance.
- **Example (English):** The company expanded its operations to three more countries.
- **Meaning (Hindi):** विस्तार करना
**(b) Closed (Correct synonym for *folded* in passage)**
- **Meaning (English):** To shut down, stop operations, or bring something to an end.
- **Example (English):** The shop closed last year due to high rents.
- **Meaning (Hindi):** बंद करना / समाप्त करना
**(c) Shrunk**
- **Meaning (English):** To become smaller in size, amount, or value.
- **Example (English):** The sweater shrunk after being washed in hot water.
- **Meaning (Hindi):** सिकुड़ना / छोटा होना
**(d) Evolved**
- **Meaning (English):** To gradually develop or change into a better or more advanced form.
- **Example (English):** Human beings have evolved over millions of years.
- **Meaning (Hindi):** विकसित होना / क्रमिक परिवर्तन होना
**(e) Joined**
- **Meaning (English):** To become a member of or connect with something.
- **Example (English):** She joined the new school last month.
- **Meaning (Hindi):** जुड़ना / शामिल होना

**S48. Ans.(a)**
**Sol.**
**(a) The Indian Ocean is strategically important for global trade and shipping.**
- **Analysis:**
- Grammatically correct: subject (*The Indian Ocean*) + linking verb (*is*) + complement (*strategically important for global trade and shipping*).
- Contextually correct: The Indian Ocean is indeed crucial for trade and shipping routes.
**Error-free**
**(b) Front running involves illegal trading based on non-public information above transactions.**
- **Error:**
- The preposition *"above"* is wrong. The correct phrase is *"based on non-public information about transactions."*
  o Incorrect: *information above transactions*
  o Correct: *information about transactions*
Incorrect
**(c) The Marrakech Agreement focuses on global climate action since sustainable development.**
- **Error:**
- Wrong connector. *"since"* indicates time or cause, which is incorrect here. It should be *"and"* or *"for"*.
  o Correct: *The Marrakech Agreement focuses on global climate action and sustainable development.*
Incorrect

**(d) Blackbucks are graceful antelopes find primarily in the Indian subcontinent.**

- **Error:**
- The verb form is wrong. Instead of *"find"*, it should be the past participle *"found."*
- o Correct: *Blackbucks are graceful antelopes found primarily in the Indian subcontinent.*

Incorrect

**Correct Answer: (a) The Indian Ocean is strategically important for global trade and shipping.**

Final Answer: **(a)**

**S49. Ans.(a)**

**Sol.** Let's carefully check each option step by step.

**(a) Patachitra painting is an ancient Indian art form known for storytelling.**

- **Analysis:**
- Grammatically correct: Subject (*Patachitra painting*) + verb (*is*) + complement (*an ancient Indian art form known for storytelling*).
- Contextually correct: Patachitra is indeed a traditional art form famous for narrative painting.

**Correct**

**(b) Critical minerals is essential for technology, energy, and industrial applications worldwide.**

- **Error:**
- Subject–verb disagreement. *"Critical minerals"* is plural, so verb should be *"are"*, not *"is."*
- o Correct: *Critical minerals are essential for technology, energy, and industrial applications worldwide.*

**Incorrect**

**(c) Drip pricing adds extra charges to advertising prices, deceiving consumers.**

- **Error:**
- Wrong preposition. It should be *"on advertised prices"* (or *"to advertised prices"*), not *"to advertising prices."*
- o Correct: *Drip pricing adds extra charges to advertised prices, deceiving consumers.*

**Incorrect**

**(d) Migration affects economies, creating opportunities and challenges to both regions.**

- **Error:**
- Wrong preposition. It should be *"challenges for both regions"*, not *"challenges to both regions."*
- o Correct: *Migration affects economies, creating opportunities and challenges for both regions.*

**Incorrect**

**Correct Answer: (a) Patachitra painting is an ancient Indian art form known for storytelling.**

Final Answer: **(a)**

**S50. Ans.(d)**

**Sol.**

**(a) Sailfin catfish is freshwater fish with distinctive fins and vibrant coloration.**

- **Error:** Missing article.
- It should be *"a freshwater fish"* not *"freshwater fish."*
- o Correct: *Sailfin catfish is a freshwater fish with distinctive fins and vibrant coloration.*

**Incorrect**

**(b) Meitei Sagol is a traditional breeds of horse in Manipur.**

- **Error:** Subject–noun mismatch.
- *"a traditional breeds"* is wrong because "a" (singular) cannot modify *breeds* (plural).
- o Correct: *Meitei Sagol is a traditional breed of horse in Manipur.*

**Incorrect**

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**(c) Foot rot disease affects livestock, causing pain, lameness, and productive loss.**
- **Error:** Wrong word choice.
- It should be *"loss of productivity"* or *"production loss"*, not *"productive loss."*
- o Correct: *Foot rot disease affects livestock, causing pain, lameness, and loss of productivity.*

**Incorrect**

**(d) Areca nut is widely consumed across Asia for its stimulant properties.**
- **Analysis:**
- Grammatically correct: subject (*Areca nut*) + verb (*is*) + complement (*widely consumed across Asia for its stimulant properties*).
- Contextually correct: Areca nut (betel nut) is indeed consumed widely in Asia.

**Correct**
**Correct Answer: (d) Areca nut is widely consumed across Asia for its stimulant properties.**
Final Answer: **(d)**

**S51. Ans.(d)**
**Sol.** Let's carefully analyze step by step.
**(a) Bhishm Cube is an intricate puzzle challenge logical thinking and strategy.**
- **Error:** Missing participle.
- It should be *"puzzle challenging logical thinking and strategy,"* not *"puzzle challenge."*
- o Correct: *Bhishm Cube is an intricate puzzle challenging logical thinking and strategy.*

**Incorrect**

**(b) India VIX measured market volatility and investor sentiment in Indian markets.**
- **Error:** Wrong tense.
- *India VIX* is an index that **still measures** volatility → should be *"measures"*, not *"measured."*
- o Correct: *India VIX measures market volatility and investor sentiment in Indian markets.*

**Incorrect**

**(c) The paradox of thrift suggests saving most would harm economic growth.**
- **Error:** Wrong word choice.
- It should be *"saving more"* not *"saving most."*
- o Correct: *The paradox of thrift suggests saving more would harm economic growth.*

**Incorrect**

**(d) The Panama Canal connects the Atlantic and Pacific Oceans, enabling global trade.**
- **Analysis:**
- Grammatically correct: subject (*The Panama Canal*) + verb (*connects*) + object (*the Atlantic and Pacific Oceans*).
- Contextually correct: The Panama Canal indeed connects both oceans and facilitates global trade.

**Correct**
**Correct Answer: (d) The Panama Canal connects the Atlantic and Pacific Oceans, enabling global trade.**
Final Answer: **(d)**

**S52. Ans.(c)**
**Sol.** The correct answer is: **(c) offer**
**Sentence with Blank A:**
**In a healthy office environment, it is important that senior employees _____(A) guidance and support to their juniors.**
Seniors don't *demand* or *wait* — they **give/offer guidance**.

**Option Analysis:**

**(a) demand**

- **English**: to ask forcefully, require.
- **Hindi**: मांगना
- **Example**: *He demanded an explanation.*
- **Incorrect** – seniors don't "demand guidance," they provide it.

**(b) growth**

- **English**: development, increase.
- **Hindi**: वृद्धि, विकास
- **Example**: *The company saw rapid growth last year.*
- **Incorrect** – grammatically doesn't fit.

**(c) offer**

- **English**: to provide, give willingly.
- **Hindi**: प्रदान करना / पेश करना
- **Example**: *Teachers offer guidance to their students.*
- **Correct** – seniors **offer guidance and support**.

**(d) review**

- **English**: to examine, evaluate.
- **Hindi**: समीक्षा करना
- **Example**: *The manager reviewed the project report.*
- **Incorrect** – doesn't fit the context of giving guidance.

**(e) wait**

- **English**: to stay in place until something happens.
- **Hindi**: प्रतीक्षा करना
- **Example**: *We waited for the bus.*
- **Incorrect** – meaningless here.

**Final Answer: (c) offer**


**S53. Ans.(a)**

**Sol.** The correct answer is: **(a) nervous**

**Sentence with Blank B:**

**Newcomers often feel _____(B) when trying to understand their roles and responsibilities.**

Context: New employees → unsure, lacking confidence → they feel **nervous**.

**Option Analysis:**

**(a) nervous**

- **English**: anxious, uneasy.
- **Hindi**: घबराया हुआ
- **Example**: *She was nervous before her first interview.*
- **Correct** – perfectly matches newcomers adjusting to a new role.

**(b) lazy**

- **English**: unwilling to work.
- **Hindi**: आलसी
- **Example**: *He is too lazy to finish his homework.*
- **Incorrect** – doesn't fit; newcomers aren't lazy, they're adjusting.

**(c) empty**

- **English**: not filled.
- **Hindi**: खाली
- **Example**: *The bottle is empty.*
- **Incorrect** – irrelevant to emotions at work.

**(d) anxiety**

- **English**: feeling of worry (noun).
- **Hindi**: चिंता
- **Example**: *He suffers from anxiety before presentations.*
- **Incorrect form** – needs an adjective (*anxious/nervous*), not a noun.

**(e) complete**

- **English**: whole, finished.
- **Hindi**: पूरा
- **Example**: *She completed her assignment on time.*
- **Incorrect** – doesn't fit.

**Final Answer: (a) nervous**


**S54. Ans.(e)**

**Sol.** The correct answer is: **(e) speed**

**Sentence with Blank C:**

**A helpful senior can _____(C) the learning process by sharing experiences and providing useful tips.**

Context: Seniors help juniors → they make learning **faster/easier** → correct word = **speed**.

**Option Analysis:**

**(a) delay**

- **English**: to make late, slow down.
- **Hindi**: विलंब करना
- **Example**: *Heavy traffic delayed the bus.*
- **Incorrect** – opposite meaning.

**(b) confuse**

- **English**: to make unclear.
- **Hindi**: उलझाना
- **Example**: *The instructions confused the students.*
- **Incorrect** – seniors are supposed to help, not confuse.

**(c) recruit**

- **English**: to hire or enlist.
- **Hindi**: भर्ती करना
- **Example**: *The company recruited new employees.*
- **Incorrect** – irrelevant here.

**(d) guess**

- **English**: to estimate without certainty.
- **Hindi**: अनुमान लगाना
- **Example**: *She guessed the answer correctly.*
- **Incorrect** – doesn't fit with learning support.
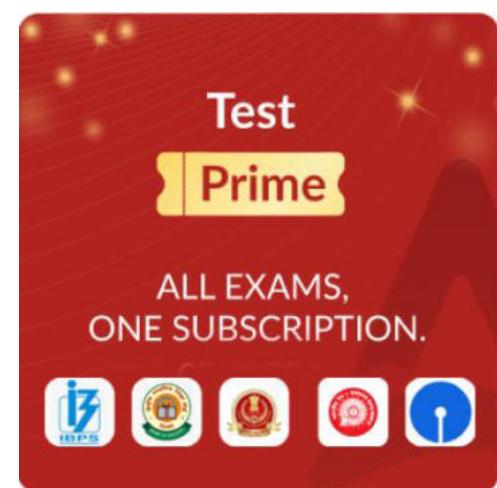
**(e) speed**
- **English**: to make faster. (often used as *speed up*).
- **Hindi**: गति देना
- **Example**: *Technology can speed up the learning process.*
- **Correct** – seniors **speed the learning process**.

**Final Answer: (e) speed**

**S55. Ans.(d)**
**Sol.** The correct answer is: **(d) fosters**
**Sentence with Blank D:**
**This not only builds confidence but also _____(D) stronger team relationships.**
Context: Building confidence → positive effect → it **encourages/nurtures** team relationships.
**Option Analysis:**
**(a) blocks**
- **English**: to stop, obstruct.
- **Hindi**: रोकना
- **Example**: *A wall blocks the view.*
- **Incorrect** – opposite of the positive meaning.

**(b) pursues**
- **English**: to follow, chase, try to achieve.
- **Hindi**: पीछा करना / प्रयास करना
- **Example**: *She pursues a career in medicine.*
- **Incorrect** – not about "relationships."

**(c) fulfilled**
- **English**: satisfied, completed.
- **Hindi**: पूरा करना / संतुष्ट करना
- **Example**: *She felt fulfilled after achieving her dream.*
- **Incorrect** – wrong form; does not collocate with "team relationships."

**(d) fosters**
- **English**: encourages, promotes, nurtures.
- **Hindi**: बढ़ावा देना / पोषण करना
- **Example**: *Teamwork fosters strong bonds among employees.*
- **Correct** – fits perfectly: confidence **fosters stronger relationships**.

**(e) integrate**
- **English**: to combine, bring together.
- **Hindi**: एकीकृत करना
- **Example**: *The new software integrates multiple functions.*
- **Incorrect** – grammatically off here.

**Final Answer: (d) fosters**

**S56. Ans.(b)**
**Sol.** The correct answer is: **(b) welcomed**
**Sentence with Blank E:**
**When juniors feel respected and _____(E), they are more likely to contribute effectively.**
Context: If juniors are *respected* → the parallel positive feeling is **welcomed**.

**Option Analysis:**
**(a) adhered**

- **English**: stuck to, followed.
- **Hindi**: पालन करना / चिपकना
- **Example**: *He adhered to the rules strictly.*
- **Incorrect** – doesn't fit with "respected."

**(b) welcomed**

- **English**: received with friendliness, accepted warmly.
- **Hindi**: स्वागत किया गया / अपनाया गया
- **Example**: *New employees felt welcomed by their team.*
- **Correct** – juniors who feel respected and welcomed contribute more.

**(c) tired**

- **English**: fatigued, exhausted.
- **Hindi**: थका हुआ
- **Example**: *He was tired after a long day.*
- **Incorrect** – negative, doesn't fit the positive context.

**(d) regulated**

- **English**: controlled by rules.
- **Hindi**: नियंत्रित
- **Example**: *The government regulated online payments.*
- **Incorrect** – irrelevant to emotions of juniors.

**(e) restricted**

- **English**: limited, confined.
- **Hindi**: सीमित
- **Example**: *Access to the area was restricted.*
- **Incorrect** – opposite of welcomed.

**Final Answer: (b) welcomed**


**S57. Ans.(a)**
**Sol.** The correct answer is: **(a) critical**
**Sentence with Blank F:**
**Hence, mutual cooperation and mentorship are _____(F) for maintaining a productive workplace.**
Here the sentence emphasizes **how essential** cooperation and mentorship are → best word = **critical**.
**Option Analysis:**
**(a) critical**

- **English**: extremely important, essential.
- **Hindi**: अत्यावश्यक / बेहद महत्वपूर्ण
- **Example**: *Trust is critical for a successful relationship.*
- **Correct** – fits perfectly with "maintaining a productive workplace."

**(b) nominal**

- **English**: very small, in name only.
- **Hindi**: नाममात्र / बहुत कम
- **Example**: *The students paid a nominal fee.*
- **Incorrect** – opposite meaning, not about importance.

**(c) analytical**

- **English**: relating to analysis or logical thinking.
- **Hindi**: विश्लेषणात्मक
- **Example**: *He has an analytical approach to problems.*
- **Incorrect** – irrelevant in this context.

**(d) accrual**

- **English**: gradual accumulation, growth.
- **Hindi**: संचय / वृद्धि
- **Example**: *The accrual of interest was noted in the account.*
- **Incorrect** – unrelated to mentorship.

**(e) minimal**

- **English**: the least possible, very small.
- **Hindi**: न्यूनतम / बहुत कम
- **Example**: *The risks were minimal.*
- **Incorrect** – opposite meaning, doesn't suit "essential."

**Final Answer: (a) critical**


**S58. Ans.(b)**
**Sol. Original Sentence:**
**Recent space relentless (A) highlight humanity's breakthroughs (B) pursuit of cosmic knowledge, propelling (C) us toward a future of exploration (D) and discovery.**
Problem: *space relentless* does not make sense. The intended phrase is **space breakthroughs**. Similarly, *humanity's breakthroughs pursuit* is awkward; it should be **humanity's relentless pursuit**.
So, swap **(A) relentless ↔ (B) breakthroughs**.
**Corrected Sentence:**
**Recent space breakthroughs (B) highlight humanity's relentless (A) pursuit of cosmic knowledge, propelling (C) us toward a future of exploration (D) and discovery.**
**Word-by-word Meanings & Explanation**
**(A) relentless**

- **English**: continuing without stopping, determined.
- **Hindi**: निरंतर / अटल
- **Example**: *She showed relentless effort in preparing for the exam.*
- **Incorrect in original place** → "space relentless" is meaningless. Correct after swap: *relentless pursuit.*

**(B) breakthroughs**

- **English**: major discoveries or advancements.
- **Hindi**: बड़ी खोजें / प्रगति
- **Example**: *Medical breakthroughs saved thousands of lives.*
- **Incorrect in original place** → "humanity's breakthroughs pursuit" is wrong. Correct after swap: *space breakthroughs.*

**(C) propelling**

- **English**: driving forward, pushing ahead.
- **Hindi**: आगे बढ़ाना / प्रेरित करना
- **Example**: *Innovation is propelling the industry to new heights.*
- **Correct** – fits perfectly: knowledge **propelling us toward a future**.

**(D) exploration**

- **English**: the act of traveling to discover or learn.
- **Hindi**: खोज / अन्वेषण
- **Example**: *Space exploration inspires new generations.*
- **Correct** – no change needed.

**Final Corrected Sentence:**

**Recent space breakthroughs highlight humanity's relentless pursuit of cosmic knowledge, propelling us toward a future of exploration and discovery.**

**Final Answer: (b) A–B**

**S59. Ans.(c)**

**Sol. Original Sentence:**

**Global including (A) for sustainability, initiatives (B) reforestation, signal a safeguard (C) commitment to collective (D) our planet's future.**

Problem:

- *Global including* doesn't fit. Correct should be **Global initiatives**.
- *safeguard commitment to collective our planet's future* is awkward. Correct should be **collective commitment to safeguard our planet's future**.
- So we must swap **A–B** and **C–D**.

**Corrected Sentence:**

**Global initiatives (B) for sustainability, including (A) reforestation, signal a collective (D) commitment to safeguard (C) our planet's future.**

**Word-by-word Meanings & Explanation**

**(A) including**

- **English**: containing as part of the whole.
- **Hindi**: सम्मिलित करना
- **Example**: *The package includes books, pens, and pencils.*
- **Incorrect in original place** – "Global including" is wrong. Correct after swap → *including reforestation*.

**(B) initiatives**

- **English**: plans, programs, actions started for a purpose.
- **Hindi**: पहल / योजनाएँ
- **Example**: *The government launched initiatives for clean energy.*
- **Incorrect in original place** – "initiatives reforestation" doesn't work. Correct after swap → *Global initiatives*.

**(C) safeguard**

- **English**: to protect.
- **Hindi**: सुरक्षा करना / बचाना
- **Example**: *Laws safeguard the rights of citizens.*
- **Incorrect in original place** – "signal a safeguard commitment" is odd. Correct after swap → *commitment to safeguard*.

**(D) collective**

- **English**: done by people acting as a group.
- **Hindi**: सामूहिक
- **Example**: *We need collective action to fight climate change.*
- **Incorrect in original place** – "collective our planet's future" is grammatically wrong. Correct after swap → *collective commitment*.

**Final Corrected Sentence:**

**Global initiatives for sustainability, including reforestation, signal a collective commitment to safeguard our planet's future.**

**Final Answer: (c) A–B & C–D**


**S60. Ans.(e)**

**Sol. Original Sentence:**

**Innovative (A) educational tech, from (B) virtual classrooms to interactive apps, is reshaping (C) learning, offering dynamic and personalized (D) experiences.**

This sentence already makes complete grammatical and contextual sense:

- **Innovative educational tech** → correct collocation.
- **from virtual classrooms to interactive apps** → correct prepositional phrase.
- **is reshaping learning** → correct verb form and logical meaning.
- **offering dynamic and personalized experiences** → correct parallel phrase.

Thus, no swaps are needed.

**Word-by-word Meanings & Explanation**

**(A) Innovative**

- **English**: creative, introducing something new.
- **Hindi**: नवाचारी / नवीन
- **Example**: *The company launched innovative solutions for energy saving.*
- **Correct here** – "Innovative educational tech" fits perfectly.

**(B) From**

- **English**: indicating a starting point or source.
- **Hindi**: से / द्वारा
- **Example**: *She traveled from Mumbai to Delhi.*
- **Correct here** – "from virtual classrooms to interactive apps" is the right range expression.

**(C) Reshaping**

- **English**: changing the form, reforming.
- **Hindi**: नया रूप देना / पुनर्गठन करना
- **Example**: *AI is reshaping the future of work.*
- **Correct here** – "is reshaping learning" is logical.

**(D) Personalized**

- **English**: tailored, customized for an individual.
- **Hindi**: व्यक्तिगत / अनुकूलित
- **Example**: *The app provides personalized recommendations.*
- **Correct here** – "personalized experiences" is an accurate phrase.

**Why Other Options Are Incorrect in Short**

- (a) D-B → "personalized educational tech" changes intended meaning.
- (b) A-D → "personalized educational tech" & "innovative experiences" are less natural than original.
- (c) B-C → "reshaping virtual classrooms to interactive apps" is nonsensical.
- (d) A-B & C-D → disrupts the logical structure.

**Final Corrected Sentence (unchanged):**

**Innovative educational tech, from virtual classrooms to interactive apps, is reshaping learning, offering dynamic and personalized experiences.**

**Final Answer: (e) No interchange required**

**S61. Ans.(c)**
**Sol. Original Sentence:**
Artificial Intelligence transforms (A) healthcare with precise diagnostics (B) and personalized treatments, era (C) in a new ushering (D) of medical advancements.
Problem:
*   *era in a new ushering* → grammatically wrong.
*   Correct phrase should be **ushering in a new era**.
So, swap **(C) era ↔ (D) ushering**.
**Corrected Sentence:**
Artificial Intelligence transforms healthcare with precise diagnostics and personalized treatments, ushering (D) in a new era (C) of medical advancements.
**Word-by-word Meanings & Explanation**
**(A) transforms**
*   **English**: changes completely, revolutionizes.
*   **Hindi**: बदलना / रूपांतरित करना
*   **Example**: *Technology transforms the way we live.*
*   **Correct** – "AI transforms healthcare" makes sense.
**(B) diagnostics**
*   **English**: identification of a disease or problem.
*   **Hindi**: निदान / रोग-पहचान
*   **Example**: *Early diagnostics save lives.*
*   **Correct** – "precise diagnostics" is a standard collocation.
**(C) era**
*   **English**: a long distinct period of history.
*   **Hindi**: युग / काल
*   **Example**: *We live in the digital era.*
*   **Incorrect in original place** – "era in a new ushering" is ungrammatical. Correct after swap → "new era."
**(D) ushering**
*   **English**: beginning or introducing something new.
*   **Hindi**: शुरुआत करना / प्रवेश कराना
*   **Example**: *The invention ushered in a new age of technology.*
*   **Incorrect in original place** – wrong order. Correct after swap → "ushering in."
**Final Corrected Sentence:**
Artificial Intelligence transforms healthcare with precise diagnostics and personalized treatments, ushering in a new era of medical advancements.
**Final Answer: (c) C–D**


**S62. Ans.(b)**
**Sol.**
**COLUMN I – COLUMN II Matching**
**(A) As the orchestra played, the harmonious ...**
*   Best fit: **(D) that a well-prepared meal brings to the table** illogical (orchestra ≠ meal).
*   **(E)** doesn't match.
*   **(F)** orchestra ≠ hidden treasures.
*   **No proper match for A**.

**(B) Setting off on an impromptu journey, they unearthed ...**
- Best fit: **(F) hidden treasures, crafting indelible memories** (makes perfect sense).

**(C) The classroom buzzed with intellectual curiosity ...**
- Best fit: **(E) at home can open up the magical world** mismatch (classroom ≠ at home).
- **(D)** irrelevant.
- **(F)** illogical.
- **No proper match for C**.

**Check Options**
(a) **C-E & A-D** – both mismatched.
(b) **B-F** – correct and meaningful.
(c) **B-D & C-F** – nonsense.
(d) **A-E** – nonsense.
(e) **None of the above** – because **B-F** works well.

**Correct Sentence:**
**(B–F) Setting off on an impromptu journey, they unearthed hidden treasures, crafting indelible memories.**
**Final Answer: (b) B-F**

**S63. Ans.(a)**
**Sol. (a) C–E**
**Why:**
- **C–E** forms a smooth, grammatical sentence:
- *"Before sleep, dreams painted vibrant landscapes **of unexplored possibilities and aspirations**."* — natural and coherent.
- **B–D** (option b) is awkward: *"the rhythmic sounds of echoing ..."* needs a noun after "of".
- **C–D & B–F** (option c): **C–D** is fine, but **B–F** is nonsensical.
- **A–F** (option d) is incomplete/ill-formed.
- Hence, the best valid pairing is **C–E** only.

**S64. Ans.(d)**
**Sol.** Analysis:
(I) Correct. "Bring up an issue" means to mention it. Example: He brought up politics at the dinner table. Hindi: बात छेड़ना
(II) Incorrect. "Bring up" is not used for moving objects from one place to another. The correct usage would be "bring out" or "carry up." Example: They brought out the boxes from storage. Hindi: बाहर लाना
(III) Correct. "Bring up a child" means to raise or nurture a child. Example: She was brought up by her aunt. Hindi: पालन-पोषण करना
Answer: Both (I) and (III) → option (d)

**S65. Ans.(c)**
**Sol.** Analysis:
(I) Correct. "Look after" means to care for someone. Example: Parents look after their children. Hindi: देखभाल करना
(II) Correct. Here "look after the complaints" means to handle or manage them. Example: The teacher looks after discipline in the school. Hindi: ध्यान रखना या संभालना
(III) Incorrect. "Look after" does not mean to examine carefully. The correct phrasal verb is "look over." Example: He looked over the report before submitting it. Hindi: जांचना या परखना
Answer: Both (I) and (II) → option (c)

**S66. Ans.(a)**
**Sol.** Let the wooden and mechanical pencil be x and y.
x + y = 38 (i)
x×5+y×20=490
5x + 20y = 490
x + 4y = 98 (ii)
solving (i) and (ii)
20 = y and 18 = x
Similarly for others

| Shops | Total wooden pencils | Total cost of wooden pencil | Total mechanical pencils | Total cost of mechanical pencil |
|-------|----------------------|------------------------------|--------------------------|----------------------------------|
| A | 18 | 90 | 20 | 400 |
| B | 35 | 175 | 12 | 240 |
| C | 62 | 310 | 50 | 1000 |
| D | 40 | 200 | 35 | 700 |
| E | 25 | 125 | 15 | 300 |

Required ratio = 400 + 240 : 200 = 16:5

**S67. Ans.(b)**
**Sol.** Let the wooden and mechanical pencil be x and y.
x + y = 38 (i)
x×5+y×20=490
5x + 20y = 490
x + 4y = 98 (ii)
solving (i) and (ii)
20 = y and 18 = x
Similarly for others

| Shops | Total wooden pencils | Total cost of wooden pencil | Total mechanical pencils | Total cost of mechanical pencil |
|-------|----------------------|------------------------------|--------------------------|----------------------------------|
| A | 18 | 90 | 20 | 400 |
| B | 35 | 175 | 12 | 240 |
| C | 62 | 310 | 50 | 1000 |
| D | 40 | 200 | 35 | 700 |
| E | 25 | 125 | 15 | 300 |

Required answer = $\frac{50}{25} \times 100 = 200\%$

**S68. Ans.(d)**
**Sol.** Let the wooden and mechanical pencil be x and y.
x + y = 38 (i)
x×5+y×20=490
5x + 20y = 490
x + 4y = 98 (ii)
solving (i) and (ii)
20 = y and 18 = x

Similarly for others

| Shops | Total wooden pencils | Total cost of wooden pencil | Total mechanical pencils | Total cost of mechanical pencil |
|-------|---------------------|----------------------------|--------------------------|--------------------------------|
| A | 18 | 90 | 20 | 400 |
| B | 35 | 175 | 12 | 240 |
| C | 62 | 310 | 50 | 1000 |
| D | 40 | 200 | 35 | 700 |
| E | 25 | 125 | 15 | 300 |

Required answer $= \frac{18+12+15}{3} = 15$

## S69. Ans.(e)
**Sol.** Let the wooden and mechanical pencil be x and y.
x + y = 38 (i)
x×5+y×20=490
5x + 20y = 490
x + 4y = 98 (ii)
solving (i) and (ii)
20 = y and 18 = x
Similarly for others

| Shops | Total wooden pencils | Total cost of wooden pencil | Total mechanical pencils | Total cost of mechanical pencil |
|-------|---------------------|----------------------------|--------------------------|--------------------------------|
| A | 18 | 90 | 20 | 400 |
| B | 35 | 175 | 12 | 240 |
| C | 62 | 310 | 50 | 1000 |
| D | 40 | 200 | 35 | 700 |
| E | 25 | 125 | 15 | 300 |

Profit on 20% of the wooden pencil = 20% of 35 ×5×120%=42
Profit on 80% of wooden pencil = 80% of 35×5×150%= 210
Total = 42 + 210 = Rs 252

## S70. Ans.(d)
**Sol.** Let the wooden and mechanical pencil be x and y.
x + y = 38 (i)
x×5+y×20=490
5x + 20y = 490
x + 4y = 98 (ii)
solving (i) and (ii)
20 = y and 18 = x
Similarly for others

| Shops | Total wooden pencils | Total cost of wooden pencil | Total mechanical pencils | Total cost of mechanical pencil |
|-------|---------------------|----------------------------|--------------------------|--------------------------------|
| A | 18 | 90 | 20 | 400 |
| B | 35 | 175 | 12 | 240 |
| C | 62 | 310 | 50 | 1000 |
| D | 40 | 200 | 35 | 700 |
| E | 25 | 125 | 15 | 300 |

Total pencil in F = $\frac{5}{7} \times 112 = 80$

Wooden pencil in F = 130% of 40 = 52

Mechanical pencil in F = 80 – 52 = 28

Required percentage = $\frac{28}{25} \times 100 = 112\%$

## S71. Ans.(a)
Sol.

|   | Manufactured items | Items sold items | Unsold items |
|---|---|---|---|
| A | 120 | 80 | 40 |
| B | 96 | 76 | 20 |
| C | 140 | 120 | 20 |
| D | 80 | 60 | 20 |

Required answer = 80 + 76 : 20 + 20 = 156 : 40 = 39:10

## S72. Ans.(b)
Sol.

|   | Manufactured items | Items sold items | Unsold items |
|---|---|---|---|
| A | 120 | 80 | 40 |
| B | 96 | 76 | 20 |
| C | 140 | 120 | 20 |
| D | 80 | 60 | 20 |

Required answer = $\frac{40+20+20}{120} \times 100 = 66.66\%$

## S73. Ans.(e)
Sol.

|   | Manufactured items | Items sold items | Unsold items |
|---|---|---|---|
| A | 120 | 80 | 40 |
| B | 96 | 76 | 20 |
| C | 140 | 120 | 20 |
| D | 80 | 60 | 20 |

Selling price of article A = 100 + 20 = 120

Selling price of article D = 60 + 90 = 150

selling price of all the sold items in A and D= 80×120+60×150=18600

## S74. Ans.(a)
Sol.

|   | Manufactured items | Items sold items | Unsold items |
|---|---|---|---|
| A | 120 | 80 | 40 |
| B | 96 | 76 | 20 |
| C | 140 | 120 | 20 |
| D | 80 | 60 | 20 |

Selling price of each = $\frac{15200}{76} = 200$

Cost price = 200- 25 = Rs. 175

Required answer = 25% of 96 × 175 = Rs 4200

**S75. Ans.(b)**
**Sol.**

|   | Manufactured items | Items sold items | Unsold items |
|---|---|---|---|
| A | 120 | 80 | 40 |
| B | 96 | 76 | 20 |
| C | 140 | 120 | 20 |
| D | 80 | 60 | 20 |

Let the cost price be 100x

Marked price = 120% of 100x = 120x

Selling price = 90% of 120x = 108x

Given in the note = 108x – 100x = 85

8x = 85

10.625 = x

Required answer = 120x = 1275

**S76. Ans.(d)**
**Sol.**

Cost price of the article = $648 \times \frac{100}{81} = 800$

ATQ, $800 \times \frac{(100+2R)}{100} \times \frac{3}{4} = 648$

2400 + 48R = 2592

48R = 192

R = 4

**S77. Ans.(d)**
**Sol. Pattern of series –**

Square of consecutive price number start from 11

$8 + 11^2 = 129$

$129 + 13^3 = 298$

$298 + 17^2 = 587$

$587 + 19^2 =$ **948**

$948 + 23^2 = 1477$

$1477 + 29^2 = 2318$

**S78. Ans.(e)**
**Sol. Pattern of series –**

$7 + 1^3 = 8$

$8 + 2^2 =$ **12**

$12 + 3^3 = 39$

$39 + 4^2 = 55$

$55 + 5^3 = 180$

$180 + 6^2 = 216$
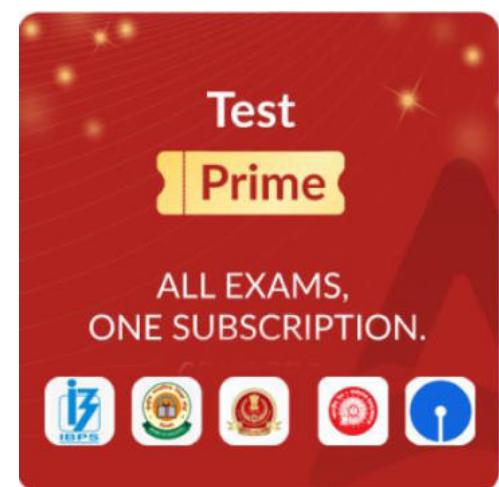
**S79. Ans.(b)**
**Sol. Pattern of series –**
110 + 5 = 115
115 – 10 = **105**
105 + 15 = 120
120 – 20 = 100
100 + 25 = 125
125 – 30 = 95

**S80. Ans.(c)**
**Sol. Pattern of series –**
3 ×2+2 = **8**
8 ×3+3 = 27
27 ×4+4 = 100
100 ×5+5 = 505
505 ×6+6 = 3036
3036 ×7+7 = 21259

**S81. Ans.(d)**
**Sol. Pattern of series –**

213     221     331     345     365     393     431
   +8      +10      +14      +20      +28      +38
      +2        +4        +6        +8        +10

**S82. Ans.(d)**
**Sol.**

$1620 \times \frac{1}{45} + 8836 \times \frac{1}{2209} \approx ?$
$36 + 4 \approx ?$
$? \approx 40$

**S83. Ans.(b)**
**Sol.**

$144 + 841 - \left\{ 1080 \times \frac{1}{216} \right\} \approx ?$
$985 - 5 \approx ?$
$? \approx 980$

**S84. Ans.(e)**
**Sol.**

$3875 \times \frac{1}{125} = ? - \left\{ 576 \times \frac{1}{48} \right\}$
$31 = ? - 12$
$? = 43$

**S85. Ans.(a)**

**Sol.**

$$\frac{2512 - ?}{37} = \left\{729 - 139 - \left(360 \times \frac{1}{4}\right)\right\} \times \frac{1}{10}$$

$$\frac{2512 - ?}{37} = \{500\} \times \frac{1}{10}$$

$$2512 - ? = 37 \times 50$$

$$? = 2512 - 1850$$

$$? = 662$$

**S86. Ans.(d)**

**Sol.**

$$\left(? \times \frac{1}{18}\right) \times 6 = \frac{320}{100} \times 60$$

$$? \times \frac{1}{3} = 192$$

$$? = 576$$

**S87. Ans.(b)**

**Sol.**

Let the monthly income of A be Rs.100x

ATQ.

$$100x \times \frac{75}{100} \times \frac{80}{100} \times \frac{60}{100} = 10800$$

$$x = 300$$

Monthly income of A = 300×100=Rs.30000

**S88. Ans.(e)**

**Sol. Let the length of train A and train B be x and y respectively.**

$$60 \times \frac{5}{18} = \frac{x+150}{15}$$

$$x = 100 \text{ m}$$

$$80 \times \frac{5}{18} = \frac{y}{18}$$

$$y = 400 \, m$$

**Required answer = 100+400= 500 meters**

**S89. Ans.(a)**

**Sol.** Let the quantity of of milk and water be 5x and x respectively.

$$\frac{5x}{x+20} = \frac{1}{1}$$

$$5x - x = 20$$

$$4x = 20$$

$$x = 5$$

Quantity of milk = 5x = 25 liters

**S90. Ans.(e)**
**Sol.**

Total days taken by A = $8 \times \frac{100}{40} = 20\ days$

Total days taken by B = 20 + 4 = 24 days

Total work = 120 unit (LCM of 20 and 24)

Required time = $\frac{120}{\frac{120}{20}+\frac{120}{24}} = \frac{120}{6+5} = \frac{120}{11} = 10\frac{10}{11}$ days

**S91. Ans.(a)**
**Sol.**

Let the length of rectangle = 120x

Breadth of rectangle = $120x \times \frac{100}{120} = 100x$

Required ratio = $100x \times 100x : 120x \times 100x = 5:6$

**S92. Ans.(b)**
**Sol.** Let speed of boat in still water and speed of stream be 3a kmph and a kmph respectively.
ATQ,

$3a + a = \frac{120}{6} = 20$

$a = 5$

So, speed of boat in still water and speed of stream is 15 kmph and 5 kmph respectively.

Increased speed of stream = $5 \times \frac{9}{5} = 9\ kmph$

Required time = $\frac{84}{15-9} = \frac{84}{6} = 14\ hours$

**S93. Ans.(a)**
**Sol.**

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

ATQ.

$\frac{5600 \times R \times 4}{100} - \frac{21}{100} \times 4800 = 672$

$224R = 1680$

$R = 7.5$

**S94. Ans.(b)**
**Sol.** Profit sharing ratio of A, B and C = X×8 :(X+800)×12 :2400×4
ATQ,

$\frac{(X + 800) \times 12}{8X + 9600} = \frac{5400}{3900}$

$13(X + 800) = 6(2X + 2400)$

$13X + 10400 = 12X + 14400$

$X = 4000$

**S95. Ans.(a)**
**Sol.**
ATQ,
$$75 \times \frac{2}{3} \times 22 + 75 \times \frac{1}{3} \times X = 75 \times 20$$
$$1100 + 25X = 1500$$
$$25X = 400$$
$$X = 16$$

**S96. Ans.(e)**
**Sol. Information given:**
The ratio of present age of A to B's is 3 : 2
Five years ago, A age was twice than that of B age at that time
Five years hence, sum of ages of A and B is equal to C age at that time
**Explanation:**
Let present age of B = x
Present age of A = 1.5x
B age five years ago = x – 5
A age five years ago = 2(x-5) = 2x – 10
But A age five years ago also equals to (1.5x – 5)
2x – 10 = 1.5x – 5
0.5x = 5
x = 10
C age five years hence = 10 + 5 + 1.5 × 10 + 5
= 15 + 15 + 5
= 35
C present age = 35 – 5 = 30 years

**S97. Ans.(a)**
**Sol. Information Given:** The sum of seven consecutive even numbers of set X = 630
The sum of five consecutive odd numbers of set Y = 295
**Formula used:** Average = (Sum of unit)/(number of units)
**Explanation:** Average of set X = 630/7 = 90
**Point to Remember:** When a set of odd-numbered consecutive terms (like 3, 5, 7, etc.) is given, the average is always the middle term.
So, it is an average of 7 consecutive even numbers, then this average must be the 4th number of the set
So, the first four numbers of the set X = 84, 86, 88, and 90
it is an average of 5 consecutive odd numbers, then this average must be the 3rd number of the set
Average of set Y = 295/5=59
So, first two numbers if set Y = 55 & 57
**Quantity I:** Average of first four consecutive even number of set X = (84+86+88+90)/4==87
**Quantity II:** Average of first two numbers of odd numbers of set Y = (55+57)/2=56
Required value = 56+27 = 83
So, **Quantity I > Quantity II**

**S98. Ans.(e)**
**Sol.**
**Quantity I –**
S.I $= \frac{6000 \times 2 \times 10}{100} + \frac{6000 \times 3 \times 15}{100} = 1200 + 2700 = $ Rs.3900
**Quantity II –** Rs.3900
Quantity I = Quantity II

**S99. Ans.(b)**
**Sol.**

Quantity I. Quantity of milk $= 120 \times \frac{3}{8} = 45$

Quantity of water $= 120 \times \frac{5}{8} = 75$
ATQ,

$$\frac{45 - Y \times \frac{3}{8} + 10}{75 - Y \times \frac{5}{8} + 15} = \frac{8}{13}$$

$(440 - 3Y)13 = 8(720 - 5Y)$
$5720 - 39Y = 5760 - 40Y$
$Y = 40$

Quantity II. 60
So, Quantity I < Quantity II

**S100. Ans.(a)**
**Sol.**
Quantity I:
Let the age of a new person be X
$\frac{21 \times 64 + X}{22} = 64.5$
X = 75 years
Quantity II:
Let the age of a new person be X
$\frac{14 \times 30 + 15 \times 4}{15} = 32$ years
Quantity I > Quantity II

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