

SBI CLERK

NOTIFICATION 2023 Out!!

VACANCY
8770+

AGE LIMIT
20 to 28 Years
All Graduates Can Apply
SALARY
Rs.17900-1000/3 - 20900-1230/3 - 24590-1490/4 30550 - 1730/7 - 42600-3270/1 - 45930-1990/1-47920
APPLICATION FEES
Rs. 750 for General/EWS/OBC & Nil For All Others

Decoding SBI Clerk Prelims 2023

SBI CLERK Vacancy Trend

Year	No. of Vacancies
2023	8773
2022	5486
2021	4915
2020	7870

SBI CLERK Prelims Cut Off Trend

In the following table, SBI CLERK Prelims Cut Off trend of last 3 years is given

State/UT	2022	2021	2020
Andaman & Nicobar	67	66.25	
Daman & Diu	55.5		
Arunachal Pradesh	48	69.25	
Goa	45		
Assam	69.25	68.5	
Bihar			71
Chandigarh			76
Chhattisgarh	72.75	76.5	
Delhi	82.75	83	76.25
Gujarat	72.25	64.5	56.75
Haryana	82.5	79.75	
Himachal Pradesh	79.5	80	66
Jammu & Kashmir	77.25		
Jharkhand			68.25
Karnataka	64.50	64.25	58.75
Kerala	68	80.25	69.75
Madhya Pradesh	74.75	81.25	68.75
Maharashtra	65.5	66.25	59.50
Manipur	49		
Meghalaya	64.75		
Mizoram			

State/UT	2022	2021	2020
Nagaland			
Odisha	77	82	68.25
Puducherry			
Punjab	80.75	75.5	77.50
Rajasthan	75	77.75	68.75
Sikkim	66.5		
Tamil Nadu	62.25	61.75	62
Telangana	69	73.75	66
Tripura	74.5		
Uttar Pradesh	77.5	81.25	71
Uttarakhand	78.75	81.75	69.75
West Bengal	78.5	79.5	67.50

SBI CLERK Education Qualification

Candidate must be a graduate in any discipline from a recognized university.

SBI CLERK Age Limit

Minimum Age	Maximum Age
20 Years	28 Years

SBI CLERK Application Fees

Category	Fees
SC/ST/PWD	Nil
General/ EWS/ OBC	Rs. 750

SBI CLERK Prelims Exam Pattern

Sections	No. of Questions	Marks	Duration
English Language	30	30	20 Minutes
Numerical Ability	35	35	20 Minutes
Reasoning Ability	35	35	20 Minutes
Total	100	100	1 Hour

- Total number of questions: 100
- Total marks- 100
- Total time- 60 minutes
- Section Time- 20 Minutes for Each Section
- Negative marking- 0.25 Marks will be deducted for each wrong answer.
- Sectional Marks will not be maintained for both Preliminary & Main Examinations.

SBI CLERK Prelims Syllabus

English Language

- Reading Comprehension
- Phrase Replacement
- Fillers
- Odd Sentence
- Para Jumbled
- Cloze Test
- Inference, Sentence Completion
- Connectors
- Paragraph Conclusion
- Phrasal Verb-Related Questions
- Misspelt
- Error Detection
- Sentence-based Error
- Word Rearrangement
- Sentence Improvement
- Error Correction
- Word Swap
- Idioms & Phrases
- Column-based Sentences

Numerical Ability

- Simplification
- Approximation
- Missing Series
- Quadratic Equation
- Data Interpretation (Bar, Line, Pie, Tabular)
- Data Sufficiency
- Wrong Series
- Time & Work, Pipes & Cisterns
- Problems on Ages
- Average, Ratio, Percentage, Profit & Loss
- Simple Interest & Compound Interest
- Speed, Distance & Time
- Permutation & Combination
- Boat & Stream
- Mensuration
- Probability
- Partnership
- Mixture & Allegation

Reasoning Ability

- Direction & Distance
- Blood Relation
- Alphanumeric Series
- Syllogism
- Coding-Decoding
- Circular/Triangular/Square/Rectangular Seating arrangement
- Order & Ranking
- Inequality
- Box based Puzzle
- Floor based Puzzle
- Linear row/Double row arrangement
- Day/Month/Year/Age-based Puzzle
- Comparison/Categorised/Uncertain Puzzle
- Miscellaneous

SBI CLERK Prelims Exam Analysis Trend

Trend of English Language

Topics	2022	2021	2020
Reading Comprehension	9	7	10
Word Rearrangement	5	5	-
Word Correction	-	-	5
Error Detection	5	5	-
Sentence Correction	-	-	5
Phrase Replacement	2	5	-
Fillers	4	-	-
Cloze Test	-	8	5
Sentence Rearrangement	5	-	5
Total	30	30	30

Trend of Numerical Ability

Topics	2022	2021	2020
Data Interpretation	5	10	5
Simplification	15	10	10
Quadratic Equation	-	-	5
Wrong Number Series	5	-	-
Missing Number Series	-	5	5
Arithmetic Word Problems	10	10	10
Total	35	35	35

Trend of Reasoning Ability

Topics	2022	2021	2020
Puzzle and Seating Arrangement	19	15	15
Syllogism	3	3	4
Inequality	3	4	3
Blood Relation	3	2	-
Direction Sense	1	3	5
Alphabet Based Series	4	5	3
Number Series	-	-	5
Meaningful Word	1	1	-
Word Based	-	1	-
Pair Formation	1	1	-
Total	35	35	35

SBI CLERK Salary

Rs.17900-1000/3-20900-1230/3-24590-1490/4-30550-1730/7-42600-3270/1-45930-1990/1-47920

SBI The banker to every Indian		State Bank of India HRMS Department		Payslip August 2022	
PERNR/Emp. No.	[REDACTED]	PRAN No.	[REDACTED]	PF Index No.	[REDACTED]
Name	[REDACTED]	Date of Birth	[REDACTED]	Date of Joining	[REDACTED]
Position/Desig.	[REDACTED]	Department			
Department	[REDACTED]	Branch/Office			
Branch/Office	[REDACTED]	Leave Balance as on 07/09/2022			
PAN No.	[REDACTED]	CL	[REDACTED]	PL	[REDACTED]
Mobil	[REDACTED]	UCL	[REDACTED]	DA	36.82 %
Earnings	₹	Deductions (Cr. to A/c No.)	₹		
Basic Pay	19,900.00	Contributory Pension Fun	2,792.00		
Dearness Allw	8,933.86				
House Rent Allowance	2,091.00				
Transport Allw	600.00				
Special Allowance	3,263.60				
Special Pay-New	500.00				
Total	35,288.46	Total	2,792.00		
		Take Home Pay	[REDACTED]		
			32,496.00		

NEXT INCREMENT DATE: 01.02.2023

Projected Tax Summary			
Gross Salary	423,935.89	Tax Credit	5,189.50
Er. CPF/NPS Contribution	47,002.00	Perk till date	7,580.00
Balance	470,938.00	Perk TDS till date	400.00
Std Deduction	50,000.00		
Aggrg Deduction	50,000.00		
Incm under Hd Salary	420,938.00		
Gross Tot Income	420,938.00		
Ded. Sec. 80C/CCC	33,580.00		
Er. CPF/NPS Exemption	33,570.00		
Total Income	353,790.00		
Tax on total Income	5,189.50		

STATE BANK OF INDIA - Performance as on (Amt. in Cr)

Deposits :40,45,696	Market Share-DEP(%) :22.69 (Mar-22)	RoA % :0.48
Advances :29,00,636	Market Share-ADV(%) :19.68 (Mar-22)	RoE % :10.09
Net Profit :6,068	CASA % :45.33	Cost to Income % :61.94
Gross NPA :1,13,272	Gross NPA % :3.91	No. of customers :47.03

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SBI CLERK Previous Year Questions Papers With Solutions -2022

Direction (1-4): Study the following information carefully to answer the given questions:

A certain number of persons sit in a linear row and all of them face towards north direction. Six persons sit between R and M. A sits third to the left of M. C sits three places away from R. One person sits between E and C. E sits to the left of R but not immediate left. The number of persons sit between E and R is same as the number of persons sit between B and E. B is the only neighbour of T. The number of persons sit to the left of T is two less than the number of persons sit to the right of M. K sits at the extreme end.

Q1. How many persons sit in the linear row?

- (a) 22
- (b) 21
- (c) 20
- (d) 23
- (e) 19

Q2. Who among the following sits fifth to the left of K?

- (a) E
- (b) C
- (c) R
- (d) A
- (e) None of these

Q3. What is the position of E with respect to T?

- (a) Sixth to the left
- (b) Fifth to the right
- (c) Sixth to the right
- (d) Fourth to the left
- (e) Immediate left



Q4. Four of the following five are alike in a certain way and hence form a group. Who among the following does not belong to that group?

- (a) B
- (b) E
- (c) C
- (d) T
- (e) R

Direction (5-8): Study the following information carefully and answer the given questions.

7 9 8 X E & M S 4 6 R © 5 U # N Q 2 € H % 6 1 P K 3 A @

Q5. If all the symbols are dropped from the series, which element will be 10th from the right end of the new arrangement?

- (a) 4
- (b) 6
- (c) N
- (d) Z
- (e) None of these

Q6. How many such symbols are there in the given series which are immediately preceded by a consonant and immediately followed by a number?

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

Q7. How many such numbers are there in the given series which are immediately preceded by a number and immediately followed by a consonant?

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

Q8. Which among the following letter will be 3rd to the left of 11th letter from the left end?

- (a) K
- (b) Q
- (c) M
- (d) A
- (e) None of these

Direction (9-13): Study the following information carefully to answer the given questions:

Ten persons sit in a parallel row such that five persons sit in each row. In row 1- P, Q, R, S and T sit and face south while in row 2- A, B, C, D and E sit and face north. The persons sit in row 1 face the persons sit in row 2 and vice versa.

A faces the one who sits third to the right of T. Two persons sit between A and B. The one who sits second to the left of B faces the one who sits immediate left of P. More than two persons sit between T and R. D sits second to the left of C who doesn't face Q.

Q9. Who among the following sits third to the right of Q?

- (a) S
- (b) P
- (c) R
- (d) Either R or S
- (e) Either P or S

Q10. Which among the following statement(s) is/are true?

- (a) More than one person sits to the right of B
- (b) C sits exactly in the middle of A and B
- (c) P sits adjacent to Q
- (d) No one sits between B and E
- (e) All are true

Q11. Four of the following five are alike in a certain way and hence form a group. Who among the following does not belong to that group?

- (a) P
- (b) Q
- (c) A
- (d) E
- (e) T

Q12. Who among the following faces R?

- (a) D
- (b) A
- (c) C
- (d) E
- (e) None of these

Q13. How many persons sit between Q and the one who faces A?

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

Direction (14-15): Study the following information carefully to answer the given questions:

A person starts walking from point X in east direction after walking 10m he stops at point T. From point T, he walks 8m in north and reaches at point M. Now, from point M he walks 5m in west direction and reaches at point U. From there he walks 12m in east direction and reaches at point K which is 13m in north of point R. From point R he walks 9m in east direction and reaches at point S.

Q14. In which direction is point K with respect to point S?

- (a) North -east
- (b) South
- (c) North-west
- (d) South -west
- (e) West

Q15. What is the shortest distance between point U and point T?

- (a) 13m
- (b) $5\sqrt{13}$ m
- (c) 89m
- (d) $\sqrt{89}$ m
- (e) Can't be determined

Q16. If 1 is added to each even digit and 2 is subtracted from each odd digit in the number "32547685", then how many digits will appear more than once in the new number thus formed?

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

Direction (17-18): In this question, relationship between different elements is shown in the statements. The statements are followed by conclusions. Study the conclusions based on the given statement and select the appropriate answer.

Q17. Statements: $M > B \geq V$; $C \leq B = Z$; $K \geq J < Z$

Conclusions: I: $V \leq Z$ **II:** $J < C$

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

Q18. Statements: $Q \geq E \leq T$; $Y = I < T$; $D > I \geq F$

Conclusions: I: $I < Q$ **II:** $D > Y$

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

Directions (19-23): Study the following information carefully and answer the questions given below:

Seven persons P, Q, R, S, T, U and V live on separate floors of 7-floor building but not necessarily in the same order such as ground floor is numbered as 1st floor, just above floor is numbered as 2nd floor and so on until the topmost floor is numbered as 7th floor.

P lives on an odd numbered floor but above the 4th floor. Three persons live between P and U. No one lives between R and U. T lives two floors above V who lives just above S's floor.

Q19. How many floors gap between P and Q?

- (a) One
- (b) None
- (c) Two
- (d) Three
- (e) More than three

Q20. Four of the following five are alike in a certain way and hence they form a group. Who among the following does not belong to that group?

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

Q21. Which among the following statement is true?

I. V lives below U's floor

II. No one lives below Q

III. Two floors gap between U and V

- (a) Only III
- (b) Both II and III
- (c) All I, II and III
- (d) Only II
- (e) None is true

Q22. How many persons live below V?

- (a) Three
- (b) Two
- (c) Four
- (d) Five
- (e) None of these

Q23. Which among the following pair of persons live on an even numbered floor?

- (a) Q, V
- (b) R, Q
- (c) T, V
- (d) R, P
- (e) None of these

Directions (24-26): In the question below some statements are given followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follow from the given statements disregarding commonly known facts.

Q24. Statements: Only a few book is copy

Some copy is pen

No ink is pen

Conclusions: I. Some book is not ink

II. All copy can never be ink

- (a) Either conclusion I or II follows
- (b) Only conclusion II follows
- (c) Only conclusion I follows
- (d) Both conclusions I and II follow
- (e) Neither conclusion I nor II follows

Q25. Statements: Some bank is not money

Only a few interest is money

Some loan is interest

Conclusions: I. Some interest is not money

II. Some loan can be bank

- (a) Either conclusion I or II follows
- (b) Only conclusion II follows
- (c) Only conclusion I follows
- (d) Both conclusions I and II follow
- (e) Neither conclusion I nor II follows

Q26. Statements: Only a few black is blue

Only a few blue is yellow

No white is yellow

Conclusions: I. No blue is white

II. All white is blue

- (a) Either conclusion I or II follows
- (b) Only conclusion II follows
- (c) Only conclusion I follows
- (d) Both conclusions I and II follow
- (e) Neither conclusion I nor II follows

Directions (27-31): Study the following information carefully and answer the questions given below:

Seven persons A, B, C, D, E, F and G are sitting around a circular table and all are facing towards the centre but not necessarily in the same order.

F sits two places away from A. C sits 2nd to the left of B who does not sit near A and F. G sits 2nd to the right of D who does not sit near C. More than one person sits between A and E (From both sides).

Q27. Who among the following person is an immediate neighbour of B?

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

Q28. How many persons sit between G and E, when counted from right of E?

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

Q29. Who among the following person sits 4th to the right of G?

- (a) E
- (b) B
- (c) A
- (d) C
- (e) None of these

Q30. What is the position of F with respect to D?

- (a) 3rd to the left
- (b) 2nd to the left
- (c) 3rd to the right
- (d) 2nd to the right
- (e) Immediate left

Q31. Four of the following five are alike in a certain way and hence they form a group. Which one of the following does not belong to that group?

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

Direction (32-33): Study the following information carefully to answer the given questions:

A family has three generation. F is son in law of D who has only one sibling. H is brother-in-law of T and spouse of D. H has no siblings. S is niece of E who is brother of G. G is daughter of T's sibling.

Q32. How T is related to E?

- (a) Sister
- (b) Aunt
- (c) Uncle
- (d) Brother
- (e) Can't be determined

Q33. Who among the following is daughter of F?

- (a) D
- (b) G
- (c) S
- (d) Either D or S
- (e) Either G or S

Q34. In the word 'DRAWINGS', how many pairs of the letters have the same number of letters between them (both forward and backward direction) in the word as in the alphabetical series?

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

Q35. If we form a four-letter meaningful word by using the first, second, fifth and eighth letter from the left end of the word 'NECESSITY', then which of the following will be the fourth letter of the meaningful word thus formed. If more than one word is formed mark Z as your answer. If no meaningful word is formed, mark X as your answer?

- (a) N
- (b) E
- (c) S
- (d) X
- (e) Z

Q36. A can do a work in 24 days and B can do the same work in 18 days. If A starts work alone and after four days B joined him, then find in how many days total work will be completed?

- (a) $10\frac{4}{7}$ days
- (b) $12\frac{4}{7}$ days
- (c) $14\frac{4}{7}$ days
- (d) $12\frac{3}{7}$ days
- (e) $12\frac{2}{7}$ days

Q37. P invested Rs.21000 in a business and after few months Q joined him with Rs.28000. At the end of a year profit share of P and Q is equal. Find after how many months B joined the business.

- (a) 4
- (b) 2
- (c) 3
- (d) 5
- (e) 6

Q38. Marked price of an article is Rs.800 and shopkeeper allow a discount of 10% on it. If shopkeeper made a profit of 20% on selling the article, then find the cost price of the article.

- (a) 720 Rs.
- (b) 640 Rs.
- (c) 700 Rs.
- (d) 600 Rs.
- (e) 400 Rs.

Q39. In a school total 360 students passed the exam, while 60% of total boys passed the exam and 40% of total girls passed the exam. If $66\frac{2}{3}\%$ of total passed boys is 160, then find total students in the school.

- (a) 960
- (b) 720
- (c) 800
- (d) 600
- (e) 700

Q40. Sum of squares of three consecutive numbers is 1085. Find the largest number.

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

Q41. Three students Ria, Ram and Pooja got total 74 marks in an exam. The ratio of marks obtained by Ria to Pooja is 4 : 5 and the ratio of marks obtained by Pooja to Ram is 3 : 2. Find the total marks score by Ram.

- (a) 30
- (b) 20
- (c) 24
- (d) 28
- (e) 40

Q42. The speed of a boat in still water is 12 km /hr. If time taken by the boat to cover 20 km in downstream is equal to time taken by the boat to cover 10 km in upstream, then find speed (in km/hr.) of stream.

- (a) 2
- (b) 4
- (c) 6
- (d) 3
- (e) 5

Q43. The present age of A is 14 years more than B. 12 years ago, the ratio of age of A to that of B was 2 : 1, then find the present age (in years) of A.

- (a) 40
- (b) 30
- (c) 32
- (d) 44
- (e) 48

Q44. A shopkeeper marked price of an article at Rs. 2450 and he allows two successive discounts of 20% & x% on it. If selling price of the article is Rs. 1470, then find the value of x?

- (a) 12.5
- (b) 25
- (c) 15
- (d) 10
- (e) 24

Q45. A and B invested same amount in two different schemes on simple interest for five years. A invested at the rate of 12% p.a. and B invested at the rate of 18% p.a. If difference between interest received by A and B is Rs. 1440, then find the total amount invested by A and B together.

- (a) Rs. 5400
- (b) Rs. 9000
- (c) Rs. 4800
- (d) Rs. 9600
- (e) Rs. 4500

Q46. The average of 25 number is 90 and when one new number added in these 25 numbers, then average increased by 5. Find the new number.

- (a) 220
- (b) 240
- (c) 280
- (d) 300
- (e) 320

Direction (47-51): The table given below shows total number of patients admitted in three (A, B and C) different hospitals in three different months. Read the data carefully and answer the questions.

Hospitals	March	April	May
A	1505	2800	2864
B	3676	1976	2228
C	2456	2804	2408

Q47. Total patients admitted in A in March is what percent (approximate) of total patients admitted in all three hospitals in May.

- (a) 25%
- (b) 20%
- (c) 15%
- (d) 30%
- (e) 5%

Q48. If $\frac{1}{4}$ th of total patients admitted in B in March are female and 60% of total patients admitted in A in April are female, then find the difference between total male patients admitted in A in April and in B in March together and total patients admitted in C in May.

- (a) 1369
- (b) 1459
- (c) 1469
- (d) 1419
- (e) 1449

Q49. Out of total patients admitted in C in March, 956 are female. If total male patients admitted in C in June are 20% more than total male patients admitted in C in March and total patients admitted in June in C are 872 more than total patients admitted in B in May, then find total female patients admitted in C in June.

- (a) 1700
- (b) 900
- (c) 1300
- (d) 1100
- (e) 1500

Q50. Find ratio of total patients admitted in A in April to total number of patients admitted in all three hospitals in May?

- (a) 14 : 37
- (b) 28 : 73
- (c) 28 : 75
- (d) 28 : 77
- (e) 75 : 28

Q51. Total patients admitted in A in May is what percent (Approximate) of total patients admitted in B & C in April?

- (a) 55%
- (b) 65%
- (c) 70%
- (d) 50%
- (e) 60%

INTELLIGENCE BUREAU (IB)
ASSISTANT CENTRAL INTELLIGENCE OFFICER (ACIO)
(Tier 1 + Tier 2)
COMPLETE FOUNDATION BATCH
BATCH STARTS: 12TH DEC 2023

Direction (52-56): Find the wrong number in the following number series:

Q52. 27, 48, 80, 134, 221, 355, 538

- (a) 27
- (b) 355
- (c) 80
- (d) 134
- (e) 538

Q53. 215, 200, 250, 175, 275, 150, 300

- (a) 150
- (b) 300
- (c) 250
- (d) 200
- (e) 215

Q54. 550, 4400, 110, 440, 24, 44, 4.4

- (a) 24
- (b) 550
- (c) 4400
- (d) 4.4
- (e) 44

Q55. 146, 145, 149, 122, 138, 15, 49

- (a) 138
- (b) 122
- (c) 15
- (d) 146
- (e) 149

Q56. 1.7, 3.0, 5.6, 9.5, 14.7, 21.8, 29

- (a) 3.0
- (b) 9.5
- (c) 21.8
- (d) 14.7
- (e) 29

Direction (57-70): What will come in the place of question 9?) mark in following questions.

Q57. 25 % of 256 + $\frac{\sqrt[4]{256}}{4} \times 8 = ? + 10$

- (a) 64
- (b) 62
- (c) 60
- (d) 56
- (e) 82

Q58. $274 - 141 = ? + 98$

- (a) 39
- (b) 31
- (c) 37
- (d) 33
- (e) 35

Q59. $36\% \text{ of } 250 + 26 \div 2 \times ? = 207$

- (a) 8
- (b) 5
- (c) 6
- (d) 9
- (e) 7

Q60. $240 \times 2.5 + 65 \times \frac{2}{13} = ?^2 - \sqrt{225}$

- (a) 22
- (b) 24
- (c) 23
- (d) 27
- (e) 25

Q61. $4080 \div (? + 17) = 10^2 + 2$

- (a) 23
- (b) 42
- (c) 51
- (d) 15
- (e) 16

Q62. $31.5 \div 3.5 \times 12 - 8 = ?^2$

- (a) 10
- (b) 25
- (c) 75
- (d) 100
- (e) 50

Q63. $945 \div 35 \times 20 = ?$

- (a) 540
- (b) 550
- (c) 560
- (d) 570
- (e) 580

Q64. $60\% \text{ of } 700 - 450 = ? - 85\% \text{ of } 120$

- (a) 84
- (b) 48
- (c) 64
- (d) 36
- (e) 72

Q65. $30 \div \frac{5}{12} + \sqrt{144} \times 20 = ?$

- (a) 118
- (b) 156
- (c) 208
- (d) 256
- (e) 312

Q66. $2\frac{4}{7} + 4\frac{1}{3} - 3\frac{2}{3} + \frac{16}{21} = ?$

- (a) 4
- (b) 5
- (c) 3
- (d) 7
- (e) 6

Q67. $(0.9)^2 \times 10 + 2.9 = ? + 132 \div 12$

- (a) 4
- (b) 3
- (c) 2
- (d) 1
- (e) 0

Q68. 26% of 50 of $5 \div 26 = ?$

- (a) 2.5
- (b) 2.25
- (c) 3.5
- (d) 1.5
- (e) 2

Q69. $(132 + 72) \div 12 \times 17 = ? + 9^2$

- (a) 208
- (b) 287
- (c) 370
- (d) 179
- (e) 168/

Q70. $0.26 \times 50 + 13^2 = ?$

- (a) 182
- (b) 181
- (c) 180
- (d) 189
- (e) 188

Directions (71-79): Read the passage given below and answer the following questions.

The onset of Covid-19 has brought to a halt an astonishing expansion of restaurants observed in the past decade. But being deprived of restaurants has made people realise how much they value them. Eating out fulfils needs which seem fundamental to human nature. People need to socialise, to seal deals and to peer at their fellow humans.

People have long feasted outside the home. Before the use of coal became widespread in England in the 17th century, preparing food at home involved spending a lot on wood or peat. Today dining out is seen as an indulgence, but it was the cheapest way to eat for most of human history. But by the 18th century, capitalism took off, public spaces became sites of rational dialogue which were open to all. Eating out became less of a communal activity focused on calorie intake and more of a cultural experience—and a place where people could show off their wealth.

By the 20th century, however, cooking at home was becoming ever easier. Average house sizes grew and appliances such as the food processor and the dishwasher reduced preparation and clean-up times. Dining out became relatively more expensive. And yet, a few economic changes ensured that demand for restaurants grew despite rising prices.

One of them is immigration. Over the last century the net **flow** of migrants into rich countries, relative to population, more than quadrupled. Starting a restaurant is a good career move for new arrivals. Migrants also tend to improve the quality of an area's restaurants. Another factor was changing working patterns. Historically poor people have tended to work longer hours than rich ones. But in the latter half of the 20th century the opposite became true. The **upshot** was that the people with the most money to spend on dining out increasingly needed it most, since they had the least free time.

The pandemic has led to many people buying more takeout than before, while others have a newfound love of cooking. That means _____ still further from the utilitarian model of the 18th century and before, and instead doubling down on what they do best: offering those who need to eat a taste of romance, glamour, and love.

Q71. What effect of the pandemic on restaurants has been mentioned by the author in the passage?

- (a) A severe lack of essential items has hindered the supply chain of restaurants.
- (b) The period during the pandemic led to a stop in the growth of restaurants.
- (c) The pandemic has made people realise the allure of eating out at restaurants.
- (d) Restaurants observe less customers due to a fear of lack of social distancing measures.
- (e) Due to the continuous waves of the pandemic, restaurants struggle to remain open.

Q72. What compelled rich people to start eating out?

- (a) Public spaces becoming safer for citizens
- (b) The rise of capitalism in the market
- (c) Being able to show off wealth to society
- (d) Both (b) and (c)
- (e) All of the above

Q73. According to the passage, why did people prefer eating out before the 17th century?

- (a) Eating at restaurants was cheaper for people than cooking food.
- (b) Restaurants provided a convenient way for people to have food.
- (c) Restaurants catered to all classes of society while avoiding conflict
- (d) Both (a) and (b)
- (e) All of the above

Q74. What conundrum does the author present against the growth of restaurants the past century?

- (a) Despite the economic instability during the period, restaurants continued to grow.
- (b) Restaurants were popular despite industrialisation leading to many people becoming poor.
- (c) The interest in restaurants piqued in the period despite many nations being war-ridden.
- (d) The growth of restaurants despite cooking becoming cheaper and more convenient.
- (e) The deadly plagues during the period did not dissuade people from going out to eat.

Q75. How did migrants contribute to a rise in the growth of restaurants?

- (a) Migrants added to the population of a country and thus contributed to increased consumption.
- (b) A significant portion of the migrant population started restaurants in the countries they came to.
- (c) Countries with a high rate of immigration gave relaxations on items of necessity for the public.

(d) An immigrant population brought with it a different culture, thus reviving interest in cuisine.

(e) Restaurants cashed up on the opportunity to serve food to an immigrant population for revenues.

Q76. According to the passage, which of the following is true regarding the influence of changing work patterns in the past century?

(a) Poor people stopped eating out as much as they would in the past.

(b) Restaurants improved their services to cater to more people for a longer time.

(c) Rich people having more money would want to spend more on their indulgences.

(d) People earning more often had less time to cook food at home.

(e) Eating out for luxury became difficult for people due to lack of time.

Q77. Which of the following words can most appropriately fill the blank given in the passage?

(a) coping

(b) closing

(c) making

(d) moving

(e) living

Q78. Which of the following words is most similar in meaning to the word "flow" as is highlighted in the passage?

(a) movement

(b) implication

(c) obstruction

(d) deduction

(e) increase

Q79. Choose the word that can most appropriately replace the highlighted word "upshot" in the passage?

(a) reminder

(b) history

(c) requirement

(d) consequence

(e) condition

Directions (80-81): In the given question a part of the sentence is given in bold, which may or may not be grammatically correct. Choose the correct alternative for the highlighted phrase to make the sentence grammatically and logically correct.

Q80. Because the man **is angry on the teacher**, he wrote a complaining letter to the principal.

(a) is angry at the teacher

(b) was angry with the teacher

(c) were angry to the teacher

(d) is angry with the teacher

(e) No replacement needed

Q81. A fall in demand is enough to demonstrate that consumers **have forget about the product** and moved on to other products.

(a) has forgot about the product

(b) had forgotten of the product

(c) have forgotten about the product

(d) has forgotten for the product

(e) No replacement needed

Directions (82- 85): In each sentence, a word is omitted. Choose the word from the given options that can fit into the blank without changing the intended meaning.

Q82. Jeff faced many hardships in life, but he always found a way to be _____.

(a) lethargy

(b) gloomy

(c) desperate

(d) resilient

(e) pervasive

Q83. With this _____ rainfall, we might get flooded out.

(a) incessant

(b) irreversible

(c) indecisive

(d) amiable

(e) dormant

Q84. The plant has a pungent smell which makes it very _____ to bees.

(a) valiant

(b) vigorous

(c) appealing

(d) robust

(e) diffusing

Q85. If the thermostat does not _____ the temperature properly, it may not trigger the heating unit.

(a) ramble

(b) gauge

(c) transit

(d) flush

(e) rejig

Directions (86-90): In each of the following questions, a sentence has been divided into four parts in which one part has an error. Identify the part that has an error and mark that part as your answer. If all parts are error-free then choose 'No Error' as your correct choice.

Q86. The hospital has receive (A)/ funding for medical (B)/ devices and (B)/ clinical studies (D)/ No Error (E).

(a) A

(b) B

(c) C

(d) D

(e) No Error

Q87. Aryabhata noted that (A)/ the luminosity of the (B)/ Moon and other planets are (C)/ due to reflected sunlight (D)/ No Error (E)

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

Q88. Rainbows can be (A)/ observed whenever there (B)/ are water drops in the (C)/ air and sunlight shining (D)/ No Error (E).

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

Q89. Indraprastha was one (A)/ of the five place demanded (B)/ for the sake of peace and (C)/ to avert a disastrous war (D)/ No Error (E).

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

Q90. Due to climate change, (A)/ deserts are expanding, (B)/ while heat waves (C)/ are becoming more commons (D)/ No Error.

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

Directions (91-95): In the following questions, five sentences are given. Rearrange these sentences to make a contextually meaningful paragraph then, answer the following questions.

- (A) An insufficient amount of sleep can lead to serious repercussions.
- (B) Also, it loses the abilities to concentrate, think clearly, and process memories.
- (C) Sleep is an essential function that allows your body and mind to recharge and leaves you refreshed.
- (D) For instance, without enough sleep, the brain cannot function properly
- (E) Healthy sleep also helps the body to remain healthy and stave off diseases.

Q91. Which is the SECOND sentence after rearrangement?

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

Q92. Which is the LAST sentence after rearrangement?

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

Q93. Which is the THIRD sentence after rearrangement?

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

Q94. Which is the FIRST sentence after rearrangement?

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

Q95. Which is the FOURTH sentence after rearrangement?

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

Directions (96-100): In each question, three words are given in bold, which may or may not be in their correct positions. Choose the correct sequence of words from the given options to make the sentence grammatically correct and meaningful.

Q96. A **wildlife** (A) of an eagle was **carved** (B) out of wood for the **sculpture** (C) event.

- (a) BCA
- (b) CBA
- (c) ACB
- (d) BAC
- (e) No rearrangement needed

Q97. Blood was **analyzed** (A) through a/an **diagnostic** (B) machine to figure out whether the patient was **suffering** (C) from cancer or the flu.

- (a) BCA
- (b) CBA
- (c) ACB
- (d) BAC
- (e) No rearrangement needed

Q98. Without any **solitude** (A) a/an **crazy** (B) is bound to go a bit **introvert** (C)

- (a) BCA
- (b) CBA
- (c) ACB
- (d) BAC
- (e) No rearrangement needed

Q99. The **allowed(A)** material **permeable (B)**a large amount of water to **seep (C)**through.

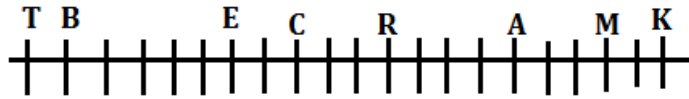
- (a) BCA
- (b) CBA
- (c) ACB
- (d) BAC
- (e) No rearrangement needed

Q100. The astronomer **observation (A)**a new star during a/an **discover(B) recent(C)**

- (a) BCA
- (b) CBA
- (c) ACB
- (d) BAC
- (e) No rearrangement needed

Solutions

Solution (1-4):



- S1. Ans.(b)
- S2. Ans.(d)
- S3. Ans.(c)
- S4. Ans.(d)

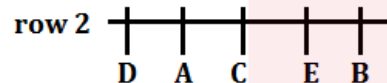
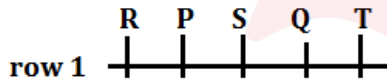
Solution (5-8):

- S5. Ans.(c)
- S6. Ans.(c)
- Sol. Two - R @ 5, H % 6

- S7. Ans.(d)
- Sol. 98X, 46R, 61P

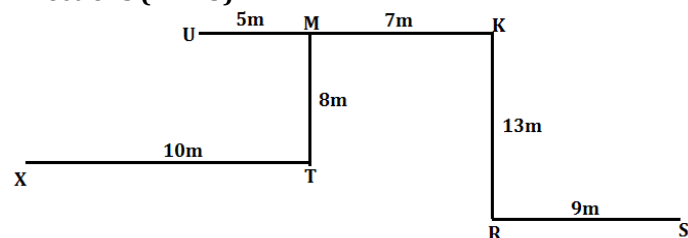
S8. Ans.(b)

Solution (9-13):



- S9. Ans.(c)
- S10. Ans.(d)
- S11. Ans.(e)
- S12. Ans.(a)
- S13. Ans.(d)

Directions (14-15):



S14. Ans.(c)

S15. Ans.(d)

S16. Ans.(c)
Sol. 32547685
13355793

Solution (17-18):

S17. Ans.(a)
Sol. I: $V \leq Z$ (True) II: $J < C$ (False)

S18. Ans.(b)
Sol. I: $I < Q$ (False) II: $D > Y$ (True)

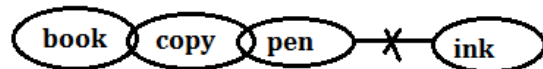
Solution (19-23):

Floors	Persons
7	Q
6	T
5	P
4	V
3	S
2	R
1	U

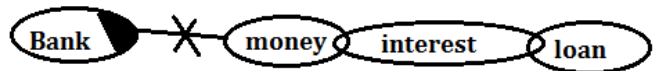
- S19. Ans.(a)
- S20. Ans.(c)
- S21. Ans.(a)
- S22. Ans.(a)
- S23. Ans.(c)

Solution (24-26):

S24. Ans.(b)
Sol.



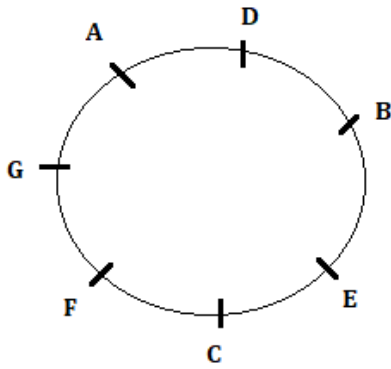
S25. Ans.(d)
Sol.



S26. Ans.(e)
Sol.



Solution (27-31):



S27. Ans.(c)

S28. Ans.(e)

S29. Ans.(b)

S30. Ans.(c)

S31. Ans.(d)

Solution (32-33):

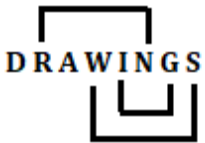
$$\begin{array}{c}
 (+)H = D(-) - T \\
 | \\
 E(+) - G(-) = F(+) \\
 | \\
 S(-)
 \end{array}$$

S32. Ans.(e)

S33. Ans.(c)

S34. Ans.(d)

Sol.



S35. Ans.(e)

S36. Ans.(b)

Sol. Total work = 72 unit (LCM of 24 & 18)

$$\text{Efficiency of A} = \frac{72}{24} = 3 \text{ unit/day}$$

$$\text{Efficiency of B} = \frac{72}{18} = 4 \text{ unit/day}$$

$$\text{Total work done by A in four days} = 3 \times 4 = 12 \text{ units}$$

$$\text{Remaining work} = 72 - 12 = 60 \text{ units}$$

$$\text{Required days} = \frac{60}{(4+3)} + 4 = 12 \frac{4}{7} \text{ days}$$

S37. Ans.(c)

Sol. Let Q joined business after 't' months

ATQ -

$$\frac{21000 \times 12}{28000 \times (12-t)} = \frac{1}{1}$$

$$9 = 12 - t$$

$$t = 3$$

$$t = 3 \text{ months}$$

S38. Ans.(d)

Sol. Selling price of the article

$$= 800 \times \frac{90}{100} = 720 \text{ Rs.}$$

$$\text{Cost price of the article} = 720 \times \frac{100}{120} = 600 \text{ Rs.}$$

S39. Ans.(e)

Sol. Let total boys in school be X

$$\text{So, total passed boys in school} = X \times \frac{60}{100} = \frac{3X}{5}$$

ATQ -

$$\frac{3X}{5} \times \frac{2}{3} = 160$$

$$\frac{2X}{5} = 160$$

$$X = 400$$

Total girls passed in school

$$= (360 - 160 \times \frac{3}{2}) = 120$$

$$\text{Total girls in school} = 120 \times \frac{100}{40} = 300$$

$$\text{So, total students in school} = (400 + 300) = 700$$

S40. Ans.(b)

Sol. Let three consecutive numbers be (n - 1), n and (n+1) respectively

ATQ -

$$(n-1)^2 + n^2 + (n+1)^2 = 1085$$

$$3n^2 + 2 = 1085$$

$$3n^2 = 1083$$

$$n^2 = 361$$

$$\text{so, } n = 19$$

$$\text{largest number} = (19+1) = 20$$

S41. Ans.(b)

Sol. The ratio of marks obtained by Ria, Pooja and Ram respectively

$$\text{Ria : Pooja} = 4 : 5$$

$$\text{Pooja : Ram} = 3 : 2$$

$$\text{Ria : Pooja : Ram} = 12 : 15 : 10$$

$$\text{So, marks score by Ram} = 74 \times \frac{10}{(12+15+10)} = 20$$

S42. Ans.(b)

Sol. Let speed of stream be 'y' km/hr.

ATQ -

$$\frac{20}{(12+y)} = \frac{10}{(12-y)}$$

$$24 - 2y = 12 + y$$

$$3y = 12$$

$$y = 4$$

S43. Ans.(a)

Sol. Let present age of A and B be 'a' & 'b' respectively

$$\text{Given, } a - b = 14$$

$$a = 14 + b \text{ --- (i)}$$

ATQ -

$$\frac{a-12}{b-12} = \frac{2}{1}$$

$$a - 12 = 2b - 24$$

$$a = 2b - 12 \text{ ---- (ii)}$$

Form (i) & (ii) we get

$$14 + b = 2b - 12$$

$$b = 26$$

So, present age of A = $26 + 14 = 40$ years

S44. Ans.(b)

Sol. ATQ -

$$2450 \times \frac{(100-20)}{100} \times \frac{(100-x)}{100} = 1470$$

$$1960 \times \frac{(100-x)}{100} = 1470$$

$$\frac{(100-x)}{100} = \frac{3}{4}$$

$$x = 25$$

S45. Ans.(d)

Sol. Let each A and B invested Rs. X

ATQ -

$$X \times \frac{18 \times 5}{100} - X \times \frac{12 \times 5}{100} = 1440$$

$$X \times \frac{30}{100} = 1440$$

$$X = 4800 \text{ Rs.}$$

So, total amount invested by A and B = $4800 + 4800 = 9600$ Rs.

S46. Ans.(a)

Sol. Sum of the 25 numbers = $25 \times 90 = 2250$

When a new number added then total = $(90 + 5) \times 26 = 2470$

So, new number = $2470 - 2250 = 220$

S47. Ans.(b)

$$\text{Sol. Required percentage} = \frac{1505}{(2864+2228+2408)} \times 100$$
$$= \frac{1505}{7500} \times 100 = 20.06 \approx 20\%$$

S48. Ans.(c)

Sol. Total male patients admitted in A in April

$$= 2800 \times \frac{40}{100} = 1120$$

Total male patients admitted in B in March

$$= 3676 \times \frac{3}{4} = 2757$$

Required difference

$$= (1120 + 2757) - 2408 = 1469$$

S49. Ans.(c)

Sol. Total male patients admitted in C in March = $2456 - 956 = 1500$

So, total male patients admitted in C in June = $1500 \times \frac{120}{100} = 1800$

Total female patients admitted in C in June = $(2228 + 872) - 1800 = 1300$

S50. Ans.(c)

Sol. Required ratio = $2800 : (2864 + 2228 + 2408) = 2800 : 7500 = 28 : 75$

S51. Ans.(e)

Sol. Total patients admitted in B & C in April

$$= (1976 + 2804) = 4780$$

Required percentage = $\frac{2864}{4780} \times 100 = 59.91 \approx 60\%$

S52. Ans.(b)

Sol. Wrong number = 355

Pattern of series -

$$\begin{array}{cccccccc} 27 & 48 & 80 & 134 & 221 & 352 & 538 \\ +21 & +32 & +54 & +87 & +131 & +186 \\ +11 & +22 & +33 & +44 & +55 \end{array}$$

S53. Ans.(e)

Sol. Wrong number = 215

Pattern of series -

There are two alternate series

One is - $225 + 25 = 250$

$$250 + 25 = 275$$

$$275 + 25 = 300$$

Second is - $200 - 25 = 175$

$$175 - 25 = 150$$

S54. Ans.(a)

Sol. Wrong number = 24

Pattern of series -

There are two alternate series

One is - $550 \div 5 = 110$

$$110 \div 5 = 22$$

$$22 \div 5 = 4.4$$

Second is - $4400 \div 10 = 440$

$$440 \div 10 = 44$$

S55. Ans.(c)

Sol. Wrong number = 15

Pattern of series -

$$146 - 1^3 = 145$$

$$145 + 2^2 = 149$$

$$149 - 3^3 = 122$$

$$122 + 4^2 = 138$$

$$138 - 5^3 = 13$$

$$13 + 6^2 = 49$$

S56. Ans.(c)

Sol. Wrong number = 21.8

Pattern of series -

$$1.7 + 1.3 = 3.0$$

$$3.0 + 2.6 = 5.6$$

$$5.6 + 3.9 = 9.5$$

$$9.5 + 5.2 = 14.7$$

$$14.7 + 6.5 = 21.2$$

$$21.2 + 7.8 = 29$$

S57. Ans.(b)

$$\text{Sol. } \frac{256}{4} + \frac{4}{4} \times 8 = ? + 10$$

$$64 + 8 = ? + 10$$

$$? = 62$$

S58. Ans.(e)

Sol. $? = 274 - 141 - 98$

$$? = 35$$

S59. Ans.(d)

$$\text{Sol. } \frac{36}{100} \times 250 + \frac{26}{2} \times ? = 207$$

$$13 \times ? = 207 - 90$$

$$? = 9$$

S60. Ans.(e)

$$\text{Sol. } 600 + 10 + 15 = ?$$

$$? = 25$$

S61. Ans.(a)

$$\text{Sol. } 4080 \div (? + 17) = 10^2 + 2$$

$$\frac{4080}{100 + 2} = (? + 17)$$

$$? = 23$$

S62. Ans.(a)

$$\text{Sol. } 31.5 \div 3.5 \times 12 - 8 = ?^2$$

$$\frac{31.5 \times 12}{3.5} - 8 = ?^2$$

$$100 = ?^2$$

$$? = 10$$

S63. Ans.(a)

$$\text{Sol. } \frac{945}{35} \times 20 = ?$$

$$? = 540$$

S64. Ans.(e)

$$\text{Sol. } \frac{60}{100} \times 700 - 450 + \frac{85}{100} \times 120 = ?$$

$$420 - 450 + 102 = ?$$

$$? = 72$$

S65. Ans.(e)

$$\text{Sol. } 30 \times \frac{12}{5} + 12 \times 20 = ?$$

$$? = 312$$

S66. Ans.(a)

$$\text{Sol. } ? = (2 + 4 - 3) + \left(\frac{4}{7} + \frac{1}{3} - \frac{2}{3} + \frac{16}{21}\right)$$

$$? = 3 + 1$$

$$? = 4$$

S67. Ans.(e)

$$\text{Sol. } 8.1 + 2.9 = ? + 11$$

$$? = 0$$

S68. Ans.(a)

$$\text{Sol. } \frac{26}{100} \times 50 \times 5 \times \frac{1}{26} = ?$$

$$? = 2.5$$

S69. Ans.(a)

$$\text{Sol. } \frac{204}{12} \times 17 = ? + 81$$

$$289 = ? + 81$$

$$? = 208$$

S70. Ans.(a)

$$\text{Sol. } \frac{26}{100} \times 50 + 169 = ?$$

$$13 + 169 = ?$$

$$? = 182$$

S71. Ans.(b)

Sol. Refer to the first line of the first paragraph in the passage for justification. "The onset of Covid-19 has brought to a halt an astonishing expansion of restaurants observed in the past decade." Although the statement given by option (c) is a correct statement according to the passage, it does not answer the question, which only asks about the **effect of the pandemic on restaurants**. The other statements are simply not mentioned as an issue faced by restaurants in the passage.

S72. Ans.(d)

Sol. Refer to the following lines in the second passage for justification of the answer. "But by the 18th century, capitalism took off... people could show off their wealth."

The statements given by option (b) and (c) can be corroborated from these lines, but the statement given by option (a) cannot find a reference in the passage. Thus, option (d) is the correct answer.

S73. Ans.(a)

Sol. Refer to the following lines in the second paragraph for justification of option (a) as answer.

"People have long feasted outside the home... to eat for most of human history." Options (b) and (c) find no mention in the passage as reasons for choosing restaurants over cooking during the time, and thus, are eliminated.

S74. Ans.(d)

Sol. Refer to the entirety of the third paragraph for justification of option (d) as the answer. None of the other options give a suitable answer to the question.

S75. Ans.(b)

Sol. Refer to the following lines in the fourth paragraph for justification of option (b).

"One of them is immigration. Over the last century the net flow of migrants... the quality of an area's restaurants."

S76. Ans.(d)

Sol. Refer to the following lines in the fourth paragraph for justification of option (d).

"Another factor was changing working patterns. Historically poor people... since they had the least free time"

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HIGH SCHOOL LTR TEACHER
NEW BATCH

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25TH NOV 2023

S77. Ans.(d)

Sol. cope – to deal with and attempt to overcome problems and difficulties

close – to move so as to bar passage through something

make – to bring into being by forming, shaping, or altering material

move – to proceed toward a certain state or condition

live – to maintain oneself

S78. Ans.(a)

Sol. flow – a smooth uninterrupted movement or progress

movement – the act or process of moving

implication – something implied: such as

obstruction – the state of being obstructed

deduction – the state or fact of being destroyed

increase – made or become greater

S79. Ans.(d)

Sol. upshot – the final result

reminder – something that calls a memory or thought to the mind

history – an established record

requirement – something wanted or needed

consequence – a result or effect

condition – a premise upon which the fulfilment of an agreement depends

S80. Ans.(b)

Sol. The correct replacement for the highlighted phrase is (b) The given sentence is in past tense, thus 'was' should be the correct helping verb. "Angry with" is the correct phrasal verb as when directed at a person "angry with" should always be used. If directed at a situation or thing, "angry at" would also be acceptable.

S81. Ans.(c)

Sol. The correct replacement for the given phrase is option (c) Here, 'consumers' is plural thus plural verb 'have' should be used. Also, the structure for present perfect tense is 'has/have+ V3'.

S82. Ans.(d)

Sol. The correct word that can fit into the given blank is 'resilient'.

Lethargy: a lack of energy and enthusiasm.

Gloomy: causing or feeling depression or despondency.

Desperate: feeling or showing a hopeless sense that a situation is so bad as to be impossible to deal with.

Resilient: able to withstand or recover quickly from difficult conditions.

Pervasive: spreading widely throughout an area or a group of people.

S83. Ans.(a)

Sol. The correct word that can fit into the given blank is 'incessant'

Incessant: continuing without pause or interruption

Irreversible: not able to be undone or altered.

Indecisive: not providing a clear and definite result.

Amiable: having or displaying a friendly and pleasant manner.

Dormant: having normal physical functions suspended or slowed down for a period of time

S84. Ans.(c)

Sol. The correct word for the blank is 'appealing'

Valiant: possessing or showing courage or determination.

Vigorous: strong, healthy, and full of energy.

Appealing: attractive or interesting

Robust: strong and healthy; vigorous.

Diffusing: spread over a wide area or between a large number of people.

S85. Ans.(b)

Sol. The correct word for the given blank is 'gauge'

Ramble: walk for pleasure in the countryside.

Gauge: an instrument that measures and gives a visual display of the amount, level, or contents of something.

Transit: an act, process, or example of passing through or over

Flush: become red and hot, typically as the result of illness or strong emotion.

Rejig: organize (something) differently; rearrange.

S86. Ans.(a)

Sol. In part (A), 'receive' should be replaced with 'received' as we use third form of the verb after 'has/have/had'.

S87. Ans.(c)

Sol. In part (C), helping verbs 'are' should be replaced with 'is' for noun 'luminosity'.

S88. Ans.(a)

Sol. In part (A), 'been' should be replaced with 'be' because 'can' is a modal verb which is always followed by infinitive.

S89. Ans.(b)

Sol. In part (B), 'place' should be in plural form because phrase 'one of' is always followed by plural noun.

S90. Ans.(d)

Sol. In part (D), 'commons' should be replaced with 'common' because we need an adjective here which is always used in a singular form.

Commons: the cultural and natural resources accessible to all members of a society

S91. Ans.(e)

Sol. The passage is mentioning the importance of sleep. Therefore, statement (C) will be the first statement of the paragraph as it introduces the theme and is an independent statement. Next will be statement (E), which mentions the benefits of proper sleep. Statement (E) then will be followed by statement (A), which mentions that insufficient sleep has serious repercussions. The fourth sentence of the paragraph will be statement (D), which mentions the consequences of improper sleep. In statement (B), the word 'also', states that it will follow statement (D) and mentions further side-effects of improper sleep. Hence the correct sequence of the statement will be 'CEADB'.

S92. Ans.(b)

Sol. The passage is mentioning the importance of sleep. Therefore, statement (C) will be the first statement of the paragraph as it introduces the theme and is an independent statement. Next will be statement (E), which mentions the benefits of proper sleep. Statement (E) then will be followed by statement (A), which mentions that insufficient sleep has serious repercussions. The fourth sentence of the paragraph will be statement (D), which mentions the consequences of improper sleep. In statement (B), the word 'also', states that it will follow statement (D) and mentions further side-effects of improper sleep. Hence the correct sequence of the statement will be 'CEADB'.

S93. Ans.(a)

Sol. The passage is mentioning the importance of sleep. Therefore, statement (C) will be the first statement of the paragraph as it introduces the theme and is an independent statement. Next will be statement (E), which mentions the benefits of proper sleep. Statement (E) then will be followed by statement (A), which mentions that insufficient sleep has serious repercussions. The fourth sentence of the paragraph will be statement (D), which mentions the consequences of improper sleep. In statement (B), the word 'also', states that it will follow statement (D) and mentions further side-effects of improper sleep. Hence the correct sequence of the statement will be 'CEADB'.

S94. Ans.(c)

Sol. The passage is mentioning the importance of sleep. Therefore, statement (C) will be the first statement of the paragraph as it introduces the theme and is an independent statement. Next will be statement (E), which mentions the benefits of proper sleep. Statement (E) then will be followed by statement (A), which mentions that insufficient sleep has serious repercussions. The fourth sentence of the paragraph will be statement (D), which mentions the consequences of improper sleep. In statement (B), the word 'also', states that it will follow statement (D) and mentions further side-effects of improper sleep. Hence the correct sequence of the statement will be 'CEADB'.

S95. Ans.(d)

Sol. The passage is mentioning the importance of sleep. Therefore, statement (C) will be the first statement of the paragraph as it introduces the theme and is an independent statement. Next will be statement (E), which mentions the benefits of proper sleep. Statement (E) then will be followed by statement (A), which mentions that insufficient sleep has serious repercussions. The fourth sentence of the paragraph will be statement (D), which mentions the consequences of improper sleep. In statement (B), the word 'also', states that it will follow statement (D) and mentions further side-effects of improper sleep. Hence the correct sequence of the statement will be 'CEADB'.

S96. Ans.(b)

Sol. The correct rearrangement of the highlighted words is CBA.

Thus, the correct sentence will be, "A sculpture of an eagle was carved out of wood for the wildlife event."

S97. Ans.(e)

Sol. All the highlighted words in the given sentence are correctly placed. Hence, no rearrangement needed.

S98. Ans.(c)

Sol. The correct rearrangement of the highlighted words is ACB

Thus, the correct sentence will be, "Without any solitude, an introvert is bound to go a bit crazy."

S99. Ans.(d)

Sol. The correct rearrangement of the highlighted words is BAC

Thus, the correct sentence will be, "The permeable material allowed a large amount of water to seep through."

S100. Ans.(a)

Sol. The correct rearrangement of the highlighted words is BCA

Thus, the correct sentence will be, "The astronomer discovered a new star during a recent observation"

SBI CLERK Previous Year Questions Papers With Solutions -2021

Directions (1-5): Read each sentence to find out whether there is any grammatical or idiomatic error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If there is no error the answer is (e). (Ignore errors of punctuation, if any.)

Q1. Despite of the rising share of (A) / the Delta variant, the overall incidence in (B)/ Germany has been steadily (C)/ declining in recent weeks (D)/

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

Q2. The recently discovery of hundreds of graves (A)/ in Canada has put the spotlight back (B)/ on its dark past, when indigenous people (C)/ faced systemic discrimination and violence (D)/

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

Q3. I would've gotten (A)/ a perfect score(B)/ accept I made (C)/ simple mistakes. (D)

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

Q4. He lifted the nest (A)/ gently and put it in a (B)/ safety place in the (C)/ forks of the tree. (D)/

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

Q5. Sometimes very terrible (A)/ accidents happens, (B)/ and many people are burned (C)/ and injured. (D)

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

Directions (6-10): In each of the questions given below a sentence is given with three words in bold. Choose the option which gives the correct sequence of these words to make the sentence grammatically and contextually correct.

Q6. His **culture (A)** manners and varied **pleasant(B)**, not less than his artistic skill, **contributed(C)** to render him popular.

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

Q7. It was **fairly (A)** **detrimental (B)** that his prison stay, especially during the pandemic, was **obvious (C)** to his well-being

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

Q8. To make matters worse, credible reports that some of the electronic evidence **malware (A)** in this case could have been **planted (B)** remotely by **gathered (C)** were never investigated.

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

Q9. We must understand mental health **conditions (A)** for what they are and for how they are **disadvantages (B)** with **associated (C)**.

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

Q10. Aviation websites are **infrastructure (A)** with reports of a rapid **abuzz (B)** of aviation **upgradation (C)** in Tibet.

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



Directions (11-18): Given below is a paragraph that has blank spaces. Corresponding to each blank, five options are given, out of which only one is appropriate. Choose the option that fits most suitably in the given blank making sentence grammatically and contextually correct.

Getting a good night's sleep is just as essential as a healthy diet and _____(11)_____ exercise. Unfortunately, according to the National Sleep Foundation, 62% of the American adult population _____(12)_____ from sleep issues every couple of nights per week.

Sleep deprivation negatively _____(13)_____ the quality of your life, as well as your overall health. In fact, multiple studies show that lack of _____(14)_____ sleep can negatively impact your hormones, exercise performance, brain functioning, and energy levels.

In addition, it can _____(15)_____ to moodiness, memory issues, and trouble thinking properly and focusing. Worse of all, _____(16)_____ sleep can cause high blood pressure, weight gain, and a weak immune system. In-depth studies also reveal that chronic poor sleepers are at a higher risk of developing cancer and dying from it.

If you're planning to _____(17)_____ your health, _____(18)_____ the quality of your sleep, and lose weight, you must get a good night's sleep.

- Q11.** (a) regular
(b) system
(c) seldom
(d) active
(e) unusual

- Q12.** (a) address
(b) indicate
(c) results
(d) suffers
(e) remarks

- Q13.** (a) affect
(b) effect
(c) impacts
(d) observes
(e) facilitate

- Q14.** (a) additional
(b) adequate
(c) advanced
(d) anticipated
(e) barely

- Q15.** (a) lead
(b) indicated
(c) consist
(d) transformed
(e) caused

- Q16.** (a) absolute
(b) desperate
(c) disability
(d) emotional
(e) chronic

- Q17.** (a) retrieval
(b) estimate
(c) optimize
(d) decline
(e) degrade

- Q18.** (a) lower
(b) corrupt
(c) aggregate
(d) improve
(e) impair

Directions (19-23): In the following question, sentences are given with a part in bold. The given phrase in the bold may or may not contain an error. The options following can replace the incorrect phrase. The correct phrase that is to be replaced will be your answer. If the sentences are correct then select 'No improvement required' as your answer.

Q19. The petition contended that the establishments and factories **were operates in violation of** environmental norms and affected public health.

- (a) has been operating in violation of
(b) were operating in violation of
(c) were operates in violation on
(d) was operating in violation of
(e) No improvement required

Q20. The Delhi Commission for Women (DCW) **was issued a notice to the police** regarding the same and sought a detailed action taken report.

- (a) had issued a notice to the police
(b) have issue a notice to the police
(c) has been issuing a notice to the police
(d) has issue a notice to the police
(e) No improvement required

Q21. Ravi was sent to Taloja Jail, where some of his co-accused **have now spend more than three years** without bail or trial.

- (a) have now spent more than three year
(b) have now spend more then three years
(c) have now spent more then three years
(d) have now spent more than three years
(e) No improvement required

Q22. **With technology becoming smarter**, there has been a corresponding increase in cyber fraud, harassments and threats.

- (a) On technology becoming smarter
(b) At technology becoming smarter
(c) On technology became smarter
(d) With technology has become smarter
(e) No improvement required

Q23. A good coach **had the skills** of his entire team accounted for, and knows where to put them for the best results.

- (a) have the skills
- (b) have a skill
- (c) has the skills
- (d) had skills
- (e) No improvement required

Directions (24-30): Read the following passage and answer the given questions below it with the help of the information provided in it.

Screaming is a unique noise. Research suggests when we scream in fear, the noise serves the dual purpose of sharpening our own focus in the face of a threat as well as of warning others. In fact, our brains process screams in a unique way. Most noises we hear are delivered from our ear to an area of the brain devoted to analyzing a sound and breaking it into its component parts, such as gender, age, and tone; high or low; a brass, stringed or electric instrument — or several combined; a ribbit or a coo, and what animal makes that sound. This **indicates** that we differentiate all the noises we hear everyday, even subconsciously.

A scream is different though, according to David Poeppel, PhD, a professor of psychology and neural science at New York University. Poeppel is the lead author of a 2015 study that looked into what happens in the body when people scream in fear. A scream goes straight from the ear to the amygdala, the part of the brain that processes fear and kickstarts the body's fight-or-flight response. The sound jolts our brains into increased alertness and analysis. This is especially true for screams when we're scared. These have a unique sound signature encompassed by the term "roughness." This roughness is what serves to alert others to danger. Humans and other animals scream for many reasons — in joy, in surprise, in fear. But we've evolved to be able to produce different shrieks and to be able to discern the difference when we hear them. (Incidentally, roughness is also why we find the sound of a baby crying and fingernails on chalkboards disturbing; both sounds have high roughness.) If we **focus on** the sounds that gain our attention, we will be able to tell which one is rough and which is not.

But what about people who have the opposite reaction when they're scared? What about the people who don't scream in fear, but become speechless in the face of a threat? This has been less studied, but it's likely a part of the third, overlooked response to terror: paralysis. Contrary to pop medicine, fight and flight aren't the only two reactions to something scary. Humans, like other animals, also evolved the option to freeze, or "play dead" in the face of a threat. This happens involuntarily, when the cerebellum, the part of the brain that regulates muscle activity, overpowers other terrified brain responses and basically shuts down all movement. Since screaming takes quite a few muscles (probably a little less than the 100 used for speaking), a person frozen in fear is rendered mute as well as immobile.

Q24. Choose the statement(s) which is/are TRUE based on the information given in the passage.

- (I) Our systems are built in a way that only allows us to scream in dangerous or threatening situations.
 - (II) One of the ways humans tackle fear is by going into a freeze mode and acting dead which is a similar action to animals.
 - (III) The brain sorts the noises we hear regularly on the basis of factors such as gender or high or low tone, age, etc.
- (a) Both II and III
 - (b) Both II and I
 - (c) Only III
 - (d) Both I and III
 - (e) Only I

Q25. According to the article, what contributes to alerting someone of the danger a person is in?

- (a) The gestures and expressions we make when we are confronted with a seemingly dangerous situation.
- (b) The scream one lets out when faced with danger holds an element of roughness which is crucial for letting others know of the possible danger.
- (c) Secretion of certain fluids and juices in our bodies by our organs play a part in accomplishing the above said thing.
- (d) The frequency of our screams, i.e., how often we shout in the given amount of time can alert others of the presence of danger.
- (e) None of the above

Q26. Among the following statements, choose option(s) which are FALSE in accordance with the information given in the passage.

- (I) The part of the brain that understands the fear of the situation and sends us into a full blown fight/flight response is called amygdala.
 - (II) The number of muscles used in the process of speaking are over 100.
 - (III) The purpose of a scream is to vent out your anger and release the emotions a person has been withholding inside.
- (a) Both I and II
 - (b) Only III
 - (c) Only II
 - (d) Only I
 - (e) Both II and III

Q27. Choose the option which states the reason for why some people go mute when they are scared.

- (a) The brain finds it hard to concentrate between how to combat the dangerous situation and figuring out how to talk which leaves a person mute.
- (b) Some people find that they don't want to express their feelings of terror and fright which is why they choose to remain quiet in those moments.

- (c) A certain part of the brain responsible for overlooking muscle activity takes over other responses of the brain and forces every movement of the body to shut down, including speech.
- (d) Being quiet has been found to help do away with the dangerous and harmful factors that a person might be facing at that exact moment.
- (e) None of the above

Q28. Among all the three responses to fear, how does a scream help us in possible dangerous situations?

- (a) The brain processes the scream in a part which helps activate our fight or flight mode which then helps us become aware and scan the situation.
- (b) Scream can notify the people in your surroundings like your neighbours or anybody in close vicinity to you.
- (c) When you scream, your vocal cords stretch and become flexible enough to scream louder and warn others of the situation.
- (d) None of the above
- (e) All of the above

Q29. Select the word which is similar in meaning to the highlighted word **INDICATES**.

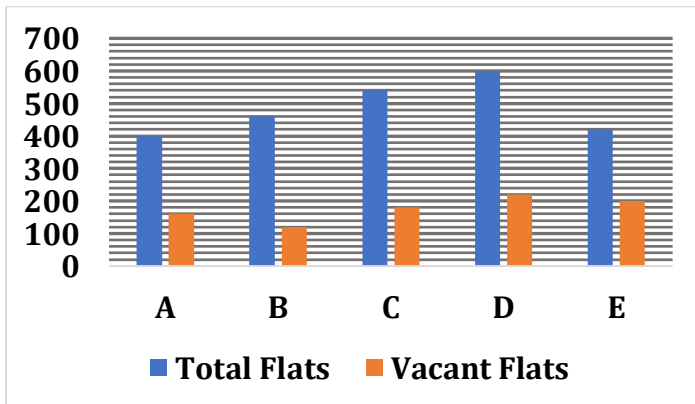
- (a) announces
- (b) signals
- (c) bargains
- (d) divides
- (e) flows

Q30. Choose the phrase which will replace the phrase 'focus on' as highlighted in the passage.

- (a) drain out
- (b) tear apart
- (c) fire away
- (d) concentrate on
- (e) mix into

Direction (31-35): Read the data given below and answer the following questions.

The bar graph given below shows the total no. of flats and no. of vacant flats in five buildings.



Note – Total Flats = Vacant Flats + Occupied flats

Q31. No. of vacant flats in building C and D together are approximate what percentage of no. of occupied flats in building D and E together.

- (a) 60%
- (b) 84%
- (c) 67%
- (d) 55%
- (e) 80%

Q32. What is the respective ratio of occupied flats in building A and E together to vacant flats in C and D together?

- (a) 23 : 20
- (b) 17 : 19
- (c) 5 : 4
- (d) 11 : 17
- (e) 15 : 23

Q33. Average no. of vacant flats in building A and E is what percentage of occupied flats in building C.

- (a) 25%
- (b) 50%
- (c) 75%
- (d) 60%
- (e) 40%

Q34. Total flats in building B and D together are how much more or less than that in building A and C together.

- (a) 160
- (b) 180
- (c) 140
- (d) 120
- (e) 100

Q35. If 3 people live in each occupied flat of building A and 2 people live in each occupied flat of building B, then find total no. of people living in building A and B.

- (a) 1000
- (b) 1600
- (c) 1400
- (d) 1200
- (e) 1800



Directions (36-40): What will come in the place of the question mark (?) in the following number series?

Q36. 0.2, 2.7, 7.7, 15.2, ?, 37.7

- (a) 24.2
- (b) 30.2
- (c) 25.2
- (d) 21.2
- (e) 27.2

Q37. 15, 60, 210, 630, 1575, ?

- (a) 2450
- (b) 2700
- (c) 2550
- (d) 3150
- (e) 3250

Q38. 45, 49, 40, 65, 16, ?

- (a) 137
- (b) 121
- (c) 97
- (d) 143
- (e) 109

Q39. 4, 9, 28, ?, 566, 3397

- (a) 123
- (b) 113
- (c) 177
- (d) 141
- (e) 219

Q40. 22, 30, 41, 56, ?, 102

- (a) 74
- (b) 76
- (c) 72
- (d) 84
- (e) 86

Direction (41-45): the data given below shows the information of total students in class A, B and C which are divided in three groups X, Y and Z.

Class A: Total no. of students are 90. 30 students are in group X. ratio of number of students in group Y and Z is 1: 2.

Class B: Total no. of students are 80. The ratio of no. of students in group X, Y and Z is 8: 5: 3.

Class C: the no. of students in group Y are half of that in group X. The no of students in group X of class C are 20 more than that in group X of class A. no. of students in group Z of class C are 20% less than that in group X of same class.

Q41. What is the total no. of students in group Y of all the classes?

- (a) 95
- (b) 70
- (c) 120
- (d) 80
- (e) 60

Q42. No. of students in group X of class B are what percentage of no. of students in groups Y of class C.

- (a) 160%
- (b) 80%
- (c) 100%
- (d) 150%
- (e) 75%

Q43. There is total 34 girls in class A. If 12 girls are in group X, then find the no. of boys in group Y and Z together in class A.

- (a) 38
- (b) 34
- (c) 30
- (d) 32
- (e) 36

Q44. Total no. of students in group X is how much more or less than that in group Z.

- (a) 20
- (b) 25
- (c) 15
- (d) 50
- (e) 35

Q45. Find the respective ratio between average students in group X in class A and B to total students in class C.

- (a) 12: 17
- (b) 7: 23
- (c) 4: 21
- (d) 7: 12
- (e) 11: 16

Q46. Ratio between length of trains A and B is 3 : 5. Speed of train A is 72 km/h and that of train B is 54 km/h & they are running opposite to each other. If train A crosses train B in 16 seconds, then find length of train B.

- (a) 350 m
- (b) 250 m
- (c) 450 m
- (d) 150 m
- (e) 320 m

Q47. The perimeter of circle of radius 28 cm is 32 cm more than perimeter of square. Find the area of the square.

- (a) 1225
- (b) 1296
- (c) 1156
- (d) 1089
- (e) 1444

Q48. A boat in upstream can travel 5 km in 30 minutes. If the speed of the stream is 1.5 kmph, then find the total distance cover by the boat when boat takes 46 hours to travel from A to b then return to B.

- (a) 260 km
- (b) 220 km
- (c) 280 km
- (d) 520 km
- (e) 144 km

Q49. Difference of the interest received when a sum is invested at 15% p.a. at SI for two years and the interest received when that sum is invested at 20% p.a. for one year compounded half yearly is Rs 432, find the sum?

- (a) Rs. 5400
- (b) Rs. 5000
- (c) Rs. 4500
- (d) Rs. 4000
- (e) Rs. 4800

Q50. In an election only two candidates participate. Candidate 'P' got 50% less votes than 'Q'. Had Q got 200 votes less there would have been a tie. What is the 8 times of the number of total votes polled.

- (a) 800
- (b) 7200
- (c) 3200
- (d) 9600
- (e) 3600

Q51. A pen was marked up by 50% above cost price and allowed Rs 100 discount on marked price. If shopkeeper still made a profit of Rs. 100, then find the selling price of the pen (in Rs.)?

- (a) 450 Rs.
- (b) 600 Rs.
- (c) 500 Rs.
- (d) 400 Rs.
- (e) 350 Rs.

Q52. A container contains total 120 liters mixture of milk and water in which quantity of water is 20 liters. If 36 liters mixture taken out from container and 6 liters milk added, then find quantity of water in what percent (approximate) less than that of milk in final mixture?

- (a) 82%
- (b) 88%
- (c) 78%
- (d) 86%
- (e) 90%

Q53. A and B starts a partnership business by investing Rs. 35000 & Rs. 40000 respectively. After six months C joined them and at the end of year profit share of C is Rs. 9000 out of total profit of Rs. 39000. Find the investment of C?

- (a) 54000 Rs.
- (b) 36000 Rs.
- (c) 60000 Rs.
- (d) 45000 Rs.
- (e) 40000 Rs.

Q54. Pipe A & pipe B together can fill half of a tank in 7 hours, while pipe C can empty 40% of the same tank x hours. When all three pipes open together in same empty tank, then it completely filled in $26\frac{1}{4}$ hours. Find value of x?

- (a) 18
- (b) 12
- (c) 16
- (d) 24
- (e) 9

Q55. Average of present age of A & B is 30 years and C is four years older than A. Four years ago ratio of age of A to C was 3 : 4. Find the sum of ages of A, B & C five years hence will be?

- (a) 85 years
- (b) 95 years
- (c) 90 years
- (d) 105 years
- (e) 75 years

Directions (56-65): - What will come in place of (?) question mark in the following questions.

Q56. $512 \div ? \times 6 = 192$

- (a) 11
- (b) 18
- (c) 12
- (d) 16
- (e) None of these

Q57. $(48\% \text{ of } 625) \div 0.75 = ?$

- (a) 800
- (b) None of these
- (c) 40
- (d) 4000
- (e) 400

Q58. $65\% \text{ of } 480 - ? + 175 = 350$

- (a) 125
- (b) 129
- (c) 137
- (d) 147
- (e) 153

Q59. $45 + 20\% \text{ of } ? = \frac{460}{4}$

- (a) 250
- (b) 450
- (c) 400
- (d) 350
- (e) 360

Q60. $(4)^? \times 2 = \frac{(16)^2}{\sqrt[4]{16}}$

- (a) 2
- (b) 3
- (c) 4
- (d) 1
- (e) None of these

Q61. $4 \times (? + 120) = (8)^3$

- (a) 6
- (b) 12
- (c) 8
- (d) 4
- (e) 16

Q62. $\frac{56}{?} + (8)^3 = 13\% \text{ of } 4000$

- (a) 7
- (b) 8
- (c) 14
- (d) 28
- (e) None of these

Q63. $4\frac{3}{12} + 1\frac{3}{4} - ? = \sqrt[3]{64}$

- (a) $\frac{5}{2}$
- (b) $1\frac{1}{2}$
- (c) 1
- (d) 4
- (e) 2

Q64. $756 \div 14 \times 5 - \sqrt{7921} = ?$

- (a) 183
- (b) 179
- (c) 178
- (d) 181
- (e) 187

Q65. $462 \div 5.25 + 24 \times 12 = ?$

- (a) 372
- (b) 390
- (c) 376
- (d) 370
- (e) 400

Directions (66-70): Study the following information to answer the given questions:

Eight persons sit around a circular table. All of them face inside. F sits third to the right of E. Only one person sits between H and F. A sits opposite to D. C sits third to the left of G. C is not an immediate neighbor of B. D is not an immediate neighbor of H. G is an immediate neighbour of E.

Q66. Who among the following sits opposite to G?

- (a) H
- (b) B
- (c) D
- (d) F
- (e) None of these

Q67. Who among the following sits second to the left of the one who sits third to the right of H?

- (a) B
- (b) D
- (c) A
- (d) E
- (e) None of these

Q68. What is the position of C with respect to D?

- (a) Third to the right
- (b) Second to the right
- (c) Immediate left
- (d) Second to the left
- (e) None of these

Q69. Who among the following person sit third to the left of A?

- (a) F
- (b) B
- (c) G
- (d) C
- (e) None of these

Q70. Which of the following statement is true about H?

- (a) H sits second to the left of F
- (b) H faces B
- (c) D sits third to the right of H
- (d) E is not an immediate neighbor of H
- (e) Both (b) and (d)

Directions (71-73): In each of the questions below are given some statements followed by some conclusions. 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

Q71. Statements:

All Cloud are Rain.

Only a few Cloud are Water.

Conclusions:

I. Some Water is Rain

II. All Rain is Water

(a) Both I and II follow

(b) Either I or II follows

(c) Only II follows.

(d) Only I follows.

(e) Neither I nor II follows

Q72. Statements:

Only a few Apple is Mango.

Some Mango is Guava.

Conclusions:

I. All Guava is Apple

II. Some Guava is not Apple

(a) Both I and II follow

(b) Either I or II follows

(c) Only II follows.

(d) Only I follows.

(e) Neither I nor II follows

Q73. Statements:

All Green is Blue.

All Blue is Yellow.

No Blue is Pink.

Conclusions:

I. No Green is Pink

II. Some Yellow is not pink

(a) Both I and II follow

(b) Either I or II follows

(c) Only II follows.

(d) Only I follows.

(e) Neither I nor II follows

Q74. How many pairs of letters are there in the word 'CONDITION', each of which have as many letters between them (both forward and backward direction) in the word as they have between them according to English alphabetical order?

(a) None

(b) Two

(c) Four

(d) Three

(e) None of these

Directions (75-79): Study the following arrangement carefully and answer the questions given below.

@ E K & Y R © C A M ® U L \$ V Q # P % S I W * O T ϕ G

Q75. If all consonants are replaced its next letter, then how many alphabets are repeated in the new arrangement?

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

Q76. How many such symbols are there in the above arrangement each of which is immediately preceded by a consonant but not immediately followed by a Vowel?

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

Q77. Four of the following five are alike in a certain way based on their position in the above arrangement and so form a group. Which is the one that does not belong to that group?

- (a) ER&
- (b) CUM
- (c) L#V
- (d) PW%
- (e) SOW

Q78. How many such alphabets are there in the above arrangement each of which is immediately preceded and immediately followed by a symbol?

- (a) None
- (b) One
- (c) Two
- (d) Three
- (e) More than three

Q79. Which of the following element is 10th to the right of the element which is 18th from the right end?

- (a) #
- (b) P
- (c) %
- (d) S
- (e) None of these

Q80. If we form a meaningful word by the 3rd, 4th, 7th and 8th letter of the word "CONSISTENT", then which of the following will be the first letter of the word thus formed. If more than one word is formed mark Y as your answer. If no meaningful word is formed, mark X as your answer?

- (a) X
- (b) N
- (c) Y
- (d) S
- (e) E

Directions (81-85): Study the following information carefully and answer the questions given below.

Eight persons A, B, C, D, E, F, G and H sit in a row facing to the north direction but not necessarily in the same order.

B sits 3rd from the right end. Three persons sit between H and B. D is the only neighbour of F. E sits immediate left of G, who sits 2nd to the right of A.

Q81. Who among the following sits 2nd to the left of F?

- (a) B
- (b) H
- (c) A
- (d) D
- (e) None of these

Q82. Which of the following statement is true as per the given information?

- (a) Two persons sit between E and D
- (b) A sits immediate right of C
- (c) C sits at one of the extreme ends
- (d) Both (a) and (c)
- (e) All are true

Q83. Four of the following five are alike in a certain way and so form a group. Find the one who does not belong to that group?

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

Q84. Who among the following are immediate neighbours of G?

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

Q85. What is the position of D with respect to G?

- (a) 3rd to the left
- (b) Immediate left
- (c) 2nd to the right
- (d) 3rd to the right
- (e) None of these

Q86. Five persons A, B, C, D and E arranged in a row. One person sits between A and B. One person sits between A and D. C sits 3rd to the right of D. What is the position of A with respect to E?

- (a) Immediate right
- (b) 2nd to the left
- (c) Immediate left
- (d) 3rd to the right
- (e) None of these

Directions (87-89): Study the following information carefully and answer the questions given below.

Point A is in 8m north of point B. Point C is in 4m east of point B. Point D is in 5m south of point C. Point F is in 5m north of Point E, which is 8m east of point D. Point F is in 4m west of point G. Point H is in 8m north of Point G.

Q87. What is the shortest distance between Point A and Point H?

- (a) 12m
- (b) 14m
- (c) 16m
- (d) 18m
- (e) None of these

Q88. What is the direction of Point H with respect to Point D?

- (a) North-east
- (b) North
- (c) South-east
- (d) North-west
- (e) None of these

Q89. What is the shortest distance between Point F and Point C?

- (a) 5m
- (b) 8m
- (c) 10m
- (d) 12m
- (e) None of these

Directions (90-93): Study the following information to answer the given questions:

Eight boxes are placed one above the other in a stack. Not more than two boxes are placed above box Q. Three boxes are placed between box Q and T. Two boxes are placed between box U and S, which is placed below box T. Box U does not place immediate above box T. Box P is placed immediate above box V. Box R is placed above box W but does not place above box V.

Q90. Which of the following box is placed immediate above box W?

- (a) S
- (b) T
- (c) Q
- (d) U
- (e) None of these

Q91. How many boxes are placed between P and R?

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

Q92. The number of boxes are placed between Q and W is same as the number of boxes are placed between ___ and ___?

- (a) P, Q
- (b) V, U
- (c) R, S
- (d) W, T
- (e) None of these

Q93. Which of the following box is placed immediate below box S?

- (a) V
- (b) R
- (c) P
- (d) W
- (e) None

Directions (94-96): In each of the questions below are given some statements followed by two conclusions. 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.

- (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.

Q94. Statements: $M < N \leq O < R = S < T$

Conclusion I: $M = O$ **II:** $N < S$

Q95. Statements: $C \geq D = E \leq F < G \leq H$

Conclusion I: $C \geq F$ **II:** $F > C$

Q96. Statements: $S > U \geq V = W \leq X; W \leq Y \leq Z$

Conclusion I: $S > W$ **II:** $U \geq Y$

Direction (97-100): Study the following information carefully and answer the questions given below.

Ten persons sit in two parallel rows containing 5 persons in each row in such a way that there is an equal distance between adjacent persons. In the 1st row P, Q, R, S and T sit and all of them face

south. In the 2nd row A, B, C, D and E sit and all of them face north but not necessarily in the same order.

Two persons sit between E and D, who sits diagonally opposite to S. E faces Q, who sits 3rd to the right of R. C faces P but not an immediate neighbour of D. B sits to the left of A.

Q97. What is the position of D with respect to A?

- (a) Immediate left
- (b) 3rd to the right
- (c) Immediate right
- (d) 2nd to the left
- (e) None of these

Q98. Who among the following faces to T?

- (a) A
- (b) D
- (c) B
- (d) Either (a) or (c)
- (e) None of these

Q99. Four of the following five are alike in a certain way and so form a group. Find the one who does not belong to that group?

- (a) T
- (b) Q
- (c) C
- (d) B
- (e) P

Q100. How many persons sit between Q and T?

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



Solutions

S1. Ans.(c)

Sol. The correct choice is option (c). In part (A), 'despite of' is incorrect as 'despite' is never followed by 'of'.

S2. Ans.(a)

Sol. The error lies in part (A) of the sentence. Here 'recently' should be 'recent' as we need adjective here while 'recently' is adverb.

S3. Ans.(b)

Sol. The error lies in part (C). Here 'accept' should be 'except'. Accept is contextually incorrect in the given sentence. accept means to agree to take something that somebody offers you
except means not including somebody/something; apart from the fact that

S4. Ans.(c)

Sol. The error lies in part (C). Here 'safety' should be 'safe' as we need an adjective here for the noun 'place'.

S5. Ans.(c)

Sol. The error lies in part (B). Here 'happens' should be replaced by 'happen' as to comply with the rule of subject verb agreement, we need plural verb for the plural subject (accidents).

S6. Ans.(b)

Sol. The correct sequence of words is BAC. Therefore the correct sentence will be "His pleasant manners and varied culture, not less than his artistic skill, contributed to render him popular."

S7. Ans.(a)

Sol. The correct sequence is ACB. Therefore the correct sentence will be "It was fairly obvious that his prison stay, especially during the pandemic, was detrimental to his well-being"

S8. Ans.(d)

Sol. The correct sequence is CBA. Therefore the correct sentence will be "To make matters worse, credible reports that some of the electronic evidence gathered in this case could have been planted remotely by malware were never investigated"

S9. Ans.(a)

Sol. The correct sequence is ACB. Therefore the correct sentence will be "We must understand mental health conditions for what they are and for how they are associated with disadvantages"

S10. Ans.(d)

Sol. The correct sequence is BCA. Therefore the correct sentence will be "Aviation websites are abuzz with reports of a rapid upgradation of aviation infrastructure in Tibet."

S11. Ans.(a)

Sol. The paragraph illustrates the importance of sleep just as nutrition and exercise is to maintain a healthy body and mind. Therefore, the most suitable word for the given blank is 'regular' as it contributes to the theme of the passage about addressing healthy sleep routines.

Regular- recurring at uniform intervals.

System- a set of things working together as parts of a mechanism or an interconnecting network; a complex whole.

Seldom- not often; rarely

active- engaging or ready to engage in physically energetic pursuits.

Unusual- not habitually or commonly occurring or done.

S12. Ans.(d)

Sol. The given sentence contributes to the central theme of the paragraph which is about healthy sleeping habits by providing a statistical data of adults experiencing sleeping issues. Thus, the most suitable word for the given blank is 'suffers'. All the other words are either grammatically or contextually incorrect.

Suffers- experience or be subjected to (something bad or unpleasant).

Address- think about and begin to deal with (an issue or problem).

Indicate- point out; show.

Results- a favourable outcome of an undertaking or contest.

Remarks- say something as a comment; mention.

S13. Ans.(c)

Sol. The given paragraph mentions the harmful repercussions of sleep deprivation. Therefore, the most suitable word for the given blank is 'impacts.'

Impacts- a marked effect or influence.

Affect- Affect is usually a verb, and it means to impact or change.

Effect- Effect is usually a noun that you would use to indicate the result of a change.

Observes- notice or perceive (something) and register it as being significant.

Facilitate- make (an action or process) easy or easier.

S14. Ans.(b)

Sol. The most suitable word for the given blank is adequate which means 'satisfactory or acceptable in quality or quantity' as the passage refers to the harmful impacts on quality of life due to deprived sleep. All the other words are contextually incorrect.

Additional- added, extra, or supplementary to what is already present or available

Advanced- modern and recently developed.

Anticipated- regard as probable; expect or predict.

Barely- only just; almost not.

S15. Ans.(a)

Sol. A Modal verb is followed by another verb in the base form. Since 'can' is a modal verb, the main verb should be in its base form. This shortlists our options to 'lead' and 'consist'. Lead means cause (a person or animal) to go with one by holding them by the hand, a halter, a rope, etc. while moving forward; while consist means be composed or made up of. Hence, 'lead' is the most suitable word.

Indicated- point out; show.

Transformed- make a marked change in the form, nature, or appearance of.

Caused- make (something, especially something bad) happen.

S16. Ans.(e)

Sol. The given sentence of the passage mentions the conditions which further aggravate the condition of sleep deprivation. Thus, the most suitable word for the given blank is 'chronic' which means (of an illness) persisting for a long time or constantly recurring.

Absolute- not qualified or diminished in any way; total.

Desperate- (of an act) tried in despair or when everything else has failed.

Disability- a physical or mental condition that limits a person's movements, senses, or activities.

Emotional- relating to a person's emotions.

S17. Ans.(c)

Sol. The passage mentions that chronic sleep deprivation leads to all sorts of negative effects on physical and social well-being. Hence, it is concluded by advising the readers to improve the quality of sleep if one wants to achieve a healthy lifestyle. Therefore the most suitable word for the given blank is 'optimize'.

Optimize- make the best or most effective use of (a situation or resource).

Retrieval- the process of getting something back from somewhere.

Estimate- roughly calculate or judge the value, number, quantity, or extent of.

Decline- diminish in strength or quality; deteriorate.

Degrade- lower the quality of; cause to deteriorate.

S18. Ans.(d)

Sol. The most suitable word for the given blank is 'improve' which means make or become better. All the other words are contextually incorrect.

Lower- less high in position.

Corrupt- evil or morally depraved.

Aggregate- a whole formed by combining several separate elements.

Impair- weaken or damage (something, especially a faculty or function).

S19. Ans.(b)

Sol. The given highlighted phrase is incorrect. The sentence is in past continuous tense hence 'operates' in statement is incorrect hence option (c) is also incorrect. In option (a), 'has' is incorrect because subject (establishments and factories) is plural here therefore option (d) is also incorrect. Hence correct choice is option (b).

S20. Ans.(a)

Sol. The highlighted phrase in the statement is incorrect as sentence is in Past indefinite. In option (b), 'have' is incorrect as subject (DCW) is singular. Option (c) is in Perfect continuous hence incorrect. In Option (d), 'issue' is incorrect as 'has+v3' is correct.



S21. Ans.(d)

Sol. In the highlighted phrase 'spend' is incorrect because sentence is in past tense and third form of spend is 'spent' therefore option (b) is also incorrect. In option (a), 'year' should be 'years'. In option (b), 'then' should be 'than' hence option (c) is also incorrect.

S22. Ans.(e)

Sol. The highlighted phrase in the sentence is correct hence no improvement required is correct choice.

S23. Ans.(c)

Sol. The correct replacement of the highlighted phrase is "has the skills" as the sentence follows the structure of present tense. Moreover, the subject of the sentence is singular. Hence, option (c) is the correct choice.

S24. Ans.(a)

Sol. The correct choice for the answer is option (a): *Both II and III.*

Statement II is true because it is stated in the last paragraph of the passage that "humans, like other animals, also evolved the option to freeze, or "play dead" in the face of a threat."

Statement III is true because in the first paragraph it says: *Most noises we hear are delivered from our ear to an area of the brain devoted to analyzing a sound and breaking it into its component parts, such as gender, age, and tone; high or low; a brass, stringed or electric instrument — or several combined; a ratchet or a coo, and what animal makes that sound.*

Statement I is incorrect because in the last paragraph it says "Humans and other animals scream for many reasons — in joy, in surprise, in fear. " This tells us that there can be many reasons for humans screaming besides fear.

Hence, option (a) is the correct choice for the answer.

S25. Ans.(b)

Sol. The correct choice for the answer is option (b): *The scream one lets out when faced with danger holds an element of roughness which is crucial for letting others know of the possible danger.*

This answer is found in the second paragraph where it says: This is especially true for screams when we're scared. These have a unique sound signature encompassed by the term "roughness." This roughness is what serves to alert others to danger.

The rest of the options are not mentioned anywhere in the passage given. Therefore they cannot be considered for the answer.

Hence, option (b) is the correct choice for the answer.

S26. Ans.(e)

Sol. The correct choice for the answer is option (e): *Both II and III*

Statement II is false as the passage says: Since screaming takes quite a few muscles (probably *a little less than* the 100 used for speaking), a person frozen in fear is rendered mute as well as immobile.

Statement III is also false because it can be found in the article that: Research suggests when we scream in fear, the noise serves the *dual purpose of sharpening our own focus in the face of a threat as well as of warning others.*

The facts present in the passage help us figure out why the statements II and III are false.

Hence, option (e) is the correct choice for the answer.

S27. Ans.(c)

Sol. The correct choice for the answer is option (c): *A certain part of the brain responsible for overlooking muscle activity takes over other responses of the brain and forces every movement of the body to shut down, including speech.*

The answer is found towards the end of the last paragraph: *This happens involuntarily, when the cerebellum, the part of the brain that regulates muscle activity, overpowers other terrified brain responses and basically shuts down all movement. Since screaming takes quite a few muscles (probably a little less than the 100 used for speaking), a person frozen in fear is rendered mute as well as immobile.*

All the other options are nowhere to be found in the above passage.

Hence, option (c) is the correct choice for the answer.

S28. Ans.(a)

Sol. The correct choice for the answer is option (a): *The brain processes the scream in a part which helps activate our fight or flight mode which then helps us become aware and scan the situation.*

This answer is present in the second paragraph: *A scream goes straight from the ear to the amygdala, the part of the brain that processes fear and kickstarts the body's fight-or-flight response. The sound jolts our brains into increased alertness and analysis.* Hence, option (a) is the correct choice for the answer.

S29. Ans.(b)

Sol. The correct choice for the answer is option (b): *signals.*

To signal means to convey information or instructions by means of a gesture, action, or sound.

Indicate means to express an intention, opinion, or wish in an indirect way.

Hence, *signals* is the word most similar to *indicates*.

To announce means to make a formal public statement about a fact, occurrence, or intention.

To bargain means an agreement between two or more people or groups as to what each will do for the other.

To divide means to separate or be separated into parts.

Flows mean the action or fact of moving along in a steady, continuous stream.

S30. Ans.(d)

Sol. The correct choice for the answer is option (d): *concentrate on.*

Focus on or concentrate on have similar meanings which can be explained as to give most of your attention to someone or something.

The rest of the phrases are not applicable because they all have different meanings. Hence, they cannot be used to replace the given phrase.

Solutions (31-35):

Building	Total Flats	Vacant Flats	Occupied Flats
A	400	160	240
B	460	120	340
C	540	180	360
D	600	220	380
E	420	200	220

S31. Ans.(c)

Sol. Required percentage = $\frac{(180+220)}{(380+220)} \times 100 = 66\frac{2}{3}\% \approx 67\%$

S32. Ans.(a)

Sol. Required ratio = $\frac{240+220}{180+220} = \frac{460}{400}$
= 23 : 20

S33. Ans.(b)

Sol. Average vacant flats in A and E = $\frac{160+200}{2} = 180$

Required percentage = $\frac{180}{360} \times 100 = 50\%$

S34. Ans.(d)

Sol. Required Difference = $(460 + 600) - (400 + 540)$
= 1060 - 940 = 120

S35. Ans.(c)

Sol. Required no. = $3 \times 240 + 2 \times 340 = 720 + 680$
= 1400

S36. Ans.(c)

Sol. The pattern of the series is -

$0.2 + 2.5 \times 1 = 2.7$
 $2.7 + 2.5 \times 2 = 7.7$
 $7.7 + 2.5 \times 3 = 15.2$
 $15.2 + 2.5 \times 4 = 25.2$
 $25.2 + 2.5 \times 5 = 37.7$

S37. Ans.(d)

Sol. The pattern of the series is -

$15 \times 4 = 60$
 $60 \times 3.5 = 210$
 $210 \times 3 = 630$
 $630 \times 2.5 = 1575$
 $1575 \times 2 = 3150$

S38. Ans.(a)

Sol. The pattern of the series is -

$45 + 2^2 = 49$
 $49 - 3^2 = 40$
 $40 + 5^2 = 65$
 $65 - 7^2 = 16$
 $16 + 11^2 = 137$

S39. Ans.(b)

Sol. The pattern of the series is -

$4 \times 2 + 1 = 9$
 $9 \times 3 + 1 = 28$
 $28 \times 4 + 1 = 113$
 $113 \times 5 + 1 = 566$
 $566 \times 6 + 1 = 3397$

S40. Ans.(b)

Sol. Pattern of series -

22, 30, 41, 56, ? = 76, 102
+8 +11 +15 +20 +26
+3 +4 +5 +6

Solutions (41-45):

	Group X	Group Y	Group Z	Total
A	30	20	40	90
B	40	25	15	80
C	50	25	40	115
Total	120	70	95	285

S41. Ans.(b)

Sol. Total students in group Y of all the classes = 70

S42. Ans.(a)

Sol. Required percentage = $\frac{40}{25} \times 100 = 160\%$

S43. Ans.(a)

Sol. Total girls in group Y and Z together = $34 - 12 = 22$
Total boys in group Y and Z together on class A
= $(90 - 30) - 22 = 38$

S44. Ans.(b)

Sol. Required difference = $120 - 95 = 25$

S45. Ans.(b)

Sol. Average students in group X of class and B = $\frac{40+30}{2} = 35$

Required ratio = $\frac{35}{115} = \frac{7}{23}$
= 750m

S46. Ans.(a)

Sol. Let length of train A = 3x

Length of train B = 5x

Speed of train A = $72 \times \frac{5}{18} = 20$ m/sec

Speed of train B = $54 \times \frac{5}{18} = 15$ m/sec

ATQ,

$\frac{8x}{20+15} = 16$

$\Rightarrow x = 70$

\therefore Length of train B = $5 \times 70 = 350$ m

S47. Ans.(b)

Sol. Perimeter of the circle = $2 \times \frac{22}{7} \times 28 = 176$ cm

Perimeter of square = $176 - 32 = 144$

Side of square = $\frac{144}{4} = 36$

So, area of square = 1296 cm²

S48. Ans.(d)**Sol.** Let speed of boat be x kmph

ATQ

$$x - 1.5 = 10$$

$$x = 11.5$$

Let the distance be D .

$$\frac{D}{13} + \frac{D}{10} = 46$$

$$D = 260 \text{ km}$$

$$\text{Total distance travel by boat} = 2 \times 260 = 520$$

S49. Ans.(e)**Sol.** Let the amount be Rs x

ATQ

$$x \times 30100 - x \times 21100 = 432$$

$$x = \text{Rs } 4800$$

S50. Ans.(d)**Sol.** Q got = $100x$ votesSo, P got = $50x$ votesTotal votes = $150x$ votesFor tie \rightarrow Q's votes = P's votes = $75x$

$$\Rightarrow 100x - 75x = 200$$

$$\Rightarrow x = 8$$

$$\text{Total votes} \rightarrow 8 \times 150 = 1200$$

$$\text{Required number} = 1200 \times 8 = 9600$$

S51. Ans.(c)**Sol.** Let cost price of pen = $100x$ Rs.So, marked price of pen = $100x \times \left(1 + \frac{50}{100}\right) = 150x$ Rs.And, selling price of pen = $(150x - 100)$ Rs.

ATQ -

$$(150x - 100) - 100x = 100$$

$$50x = 200$$

$$x = 4 \text{ Rs.}$$

So, selling price of pen = $(150 \times 4 - 100) = 500$ Rs.**S52. Ans.(a)****Sol.** Ratio of milk to water in mixture = $(120 - 20) : 20 = 5 : 1$ Total water in final mixture = $20 - 36 \times \frac{1}{6} = 14$ litersTotal milk in final mixture = $100 - 36 \times \frac{1}{6} + 6 = 76$ liters

$$\text{Required percentage} = \frac{76-14}{76} \times 100 = 81.67 = 82\%$$

S53. Ans.(d)**Sol.** Let investment of C = X Rs.

ATQ -

$$\frac{X \times 6}{(35000 \times 12 + 40000 \times 12 + X \times 6)} = \frac{9000}{39000}$$

$$X = 45000 \text{ Rs.}$$

S54. Ans.(b)**Sol.** Pipe (A +B) together fill the whole tank = $7 \times 2 = 14$ hoursPipe C empty the whole tank in = $x \times \frac{100}{40} = \frac{5x}{2}$ hours

ATQ -

$$\frac{1}{14} - \frac{2}{5x} = \frac{4}{105}$$

$$x = 12$$

S55. Ans.(b)**Sol.** Total present age of A and B = $30 \times 2 = 60$ yearsLet four year ago age of A and C be $3x$ and $4x$ respectively

ATQ -

$$(4x + 4) - (3x + 4) = 4$$

$$x = 4 \text{ years}$$

Present age of C = $(4 \times 4 + 4) = 20$ yearsSo, sum of ages of A, B & C five years hence will be = $60 + 20 + 5 \times 3 = 95$ years**S56. Ans.(d)****Sol.** $512 \div ? \times 6 = 192$

$$? = \frac{512 \times 6}{192}$$

$$= 16$$

S57. Ans.(e)**Sol.** $\frac{48}{100} \times 625 \times \frac{4}{3} = ?$

$$? = 400$$

S58. Ans.(c)**Sol.** $65\% \times 480 - ? + 175 = 350$

$$? = 137$$

S59. Ans.(d)**Sol.** $45 + \frac{20}{100} \times ? = \frac{460}{4}$

$$45 + \frac{?}{5} = 115$$

$$? = 350$$

S50. Ans.(b)**Sol.** $4^2 \times 2 = \frac{16^2}{\sqrt[4]{16}}$

$$4^2 \times 2 = \frac{256}{2}$$

$$4^2 = 64$$

$$4^2 = (4)^3$$

$$? = 3$$

S61. Ans.(c)**Sol.** $4 \times (? + 120) = (8)^3$

$$4 \times ? = 512 - 480$$

$$? = \frac{32}{4}$$

$$? = 8$$

S62. Ans.(a)**Sol.** $\frac{56}{?} + 512 = \frac{13}{100} \times 4000$

$$\frac{56}{?} = 520 - 512$$

$$? = 7$$

S63. Ans.(e)**Sol.** $\frac{51}{12} + \frac{7}{4} - ? = 4$

$$? = \frac{51+21}{12} - 4$$

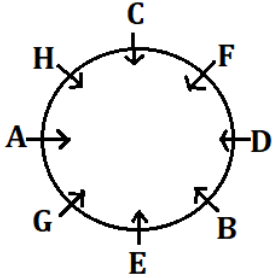
$$? = 6 - 4 = 2$$

S64. Ans.(d)**Sol.** $? = 270 - 89 = 181$

S65. Ans.(c)

Sol. ? = 88 + 288
= 376

Solutions (66-70):



S66. Ans.(d)

S67. Ans.(c)

S68. Ans.(b)

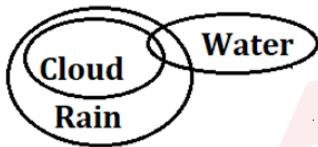
S69. Ans.(a)

S70. Ans.(e)

Solutions (71-73):

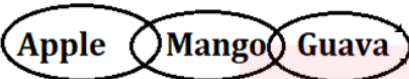
S71. Ans.(d)

Sol.



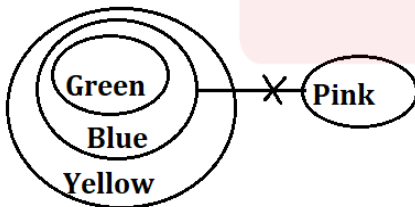
S72. Ans.(b)

Sol.



S73. Ans.(a)

Sol.



S74. Ans.(d)

Sol.



Solutions (75-79):

S75. Ans.(b)

Sol. U

S76. Ans.(e)

S77. Ans.(d)

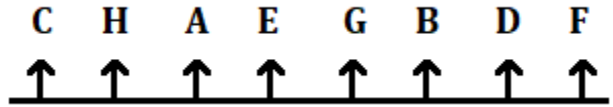
S78. Ans.(b)

S79. Ans.(d)

S80. Ans.(c)

Sol. Sent and Nest

Solutions (81-85):



S81. Ans.(a)

S82. Ans.(d)

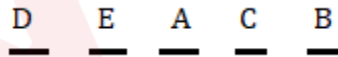
S83. Ans.(a)

S84. Ans.(e)

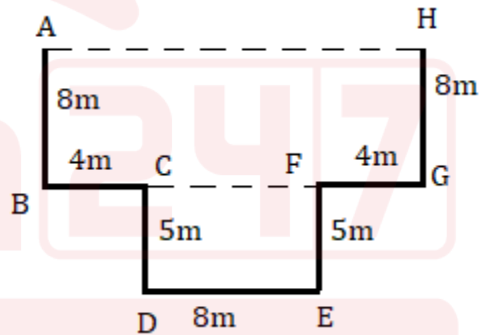
S85. Ans.(c)

S86. Ans.(a)

Sol.



Solutions (87-89):



S87. Ans.(c)

S88. Ans.(a)

S89. Ans.(b)

Solutions (90-93):

Boxes
P
V
Q
R
U
W
T
S

S90. Ans.(d)

S91. Ans.(c)

S92. Ans.(b)

S93. Ans.(e)

Solutions (94-96):

S94. Ans.(b)

Sol. I: $M = O$ (False) **II:** $N < S$ (True)

S95. Ans.(c)

Sol. I: $C \geq F$ (False) **II:** $F > C$ (False)

S96. Ans.(a)

Sol. I: $S > W$ (True) **II:** $U \geq Y$ (False)

Solutions (97-100):

S Q P T R
+-----+-----+-----+-----+----- Row-1

+-----+-----+-----+-----+----- Row-2
B E C A D

S97. Ans.(c)

S98. Ans.(a)

S99. Ans.(d)

S100. Ans.(a)

