

STAFF SELECTION COMMISSION
Multi Tasking (Non-Technical) Staff

SOLVED PAPER

(30th September 2024: Shift-1)

Time Allotted- 90 Minutes

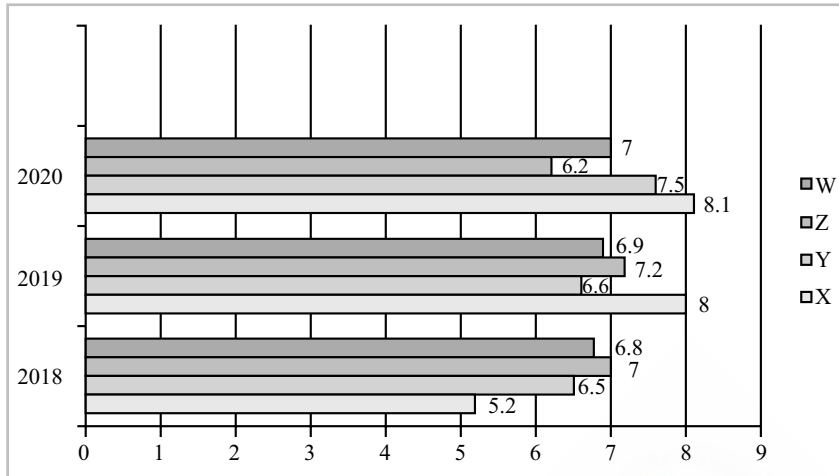
Max marks- 270

Important Instructions:-

- ⇒ This paper contains 90 questions which are divided into 4 sections.
 - ✓ General English : 25 Questions
 - ✓ General Intelligence and Reasoning : 20 Questions
 - ✓ Numerical Aptitude : 20 Questions
 - ✓ General Awareness : 25 Questions
- ⇒ There will be 3 marks for each correct answer. There is no negative marking in Numerical Aptitude & General Intelligence and Reasoning. General Awareness & General English, there is a negative marking of one mark for each wrong answer.
- ⇒ Each question is compulsory to attempt and there will be no negative marking for unattempted questions.

Section : Numerical and Mathematical Ability

1. The average monthly expenditure of a family was ₹ 8,600 during the first three months, ₹ 9,750 during the next four months and ₹ 9,920 during the last five months of the year. If the total savings during the year was ₹ 65,300, what was the average monthly income (in ₹) of the family?
1. 14,975 2. 15,794 3. 15,479 4. 14,597
2. A thief saw a policeman, and he started running at a speed of 18 m/s. After 12 seconds, the policeman started chasing the thief at a certain speed. If the policeman covered a distance of 864 metres distance to catch the thief, then the speed (in m/s) of the policeman is:
1. 28 2. 15 3. 30 4. 24
3. The ratio of the present ages of A and B is 3 : 1. Five years ago, the ratio of their ages was 5 : 1. The age of A (in years) after eight years will be:
1. 30 2. 22 3. 38 4. 40
4. Two trains, 148 m and 152 m long, are running towards each other on parallel lines at speeds of 62 km/h and 46 km/h, respectively. How much time will they take to completely pass each other from the moment they meet?
1. 5 s 2. 20 s 3. 10 s 4. 15 s
5. The area of an equilateral triangle is $\frac{\sqrt{5043}}{4}$ sq. cm. The side of the the equilateral triangle is:
1. $\sqrt{23}$ cm 2. $\sqrt{29}$ cm 3. $\sqrt{47}$ cm 4. $\sqrt{41}$ cm
6. The average monthly income of A and B is ₹3,590. The average monthly income of B and C is ₹4,250. The average monthly income of A and C is ₹6,500. What is the monthly income of C?
1. ₹ 7,545 2. ₹6,984 3. ₹ 8,190 4. ₹ 7,160
7. In a 100–mark test, the average of marks scored by 50 students was found to be 65. Later, it was discovered that a score of 88 was misread as 68. Find the correct average.
1. 65.60 2. 65.50 3. 65.70 4. 65.40
8. A man sells an article at a certain price and suffers a loss of 20%. If he sells the article at ₹100 more, he gets a profit of 30%. Find the cost price of the article (in ₹).
1. 250 2. 300 3. 400 4. 200
9. A sum invested at 5% simple interest per annum grows to ₹ 806 in 6 years. If the amount remains the same, how much will it grow at a 12% simple interest rate in 5 years?
1. ₹ 992 2. ₹ 985 3. ₹ 1,000 4. ₹ 1,120
10. Find the simple interest (in ₹) on ₹3500 as a sum borrowed at a 7% per year rate of interest for 6 years.
1. 1430 2. 1510 3. 1470 4. 1410
11. The area of a regular hexagon is $2048\sqrt{3}$ cm². What is the length (in cm) of each side of the hexagon?
1. $32\sqrt{3}$ 2. $\frac{32\sqrt{3}}{3}$ 3. $\frac{64\sqrt{3}}{3}$ 4. $64\sqrt{3}$
12. Rice worth ₹43/kg and ₹67/kg are mixed with a third variety in the ratio 2 : 1 : 5. If the mixture is worth ₹96/kg, the price (in ₹) of the third variety of rice per kg will be:
1. 131 2. 123 3. 159 4. 142
13. Three numbers are in the ratio of 6:7:3 and their LCM is 3654. Their HCF is:
1. 28 2. 29 3. 87 4. 27
14. Find the simple interest (in ₹) on ₹ 3000 as a sum borrowed at a 7% per year rate of interest for 5 years.
1. 1050 2. 1010 3. 990 4. 1090
15. 20 identical solid hemispheres of radius 3 cm are melted to form a large solid hemisphere. What is the radius (in cm) of the largest hemisphere formed, if 20% of the solid is wasted during the process?
1. $3\sqrt{2}$ 2. 6 3. $6\sqrt{2}$ 4. 3
16. The following bar graph shows the production of cement (in 10,000 tones) by 4 companies X, Y, Z and W during the period 2018–2020. Study the bar graph carefully and answer the question.
Which company has the maximum average production over the course of 3 years?



1. Y 2. X 3. W 4. Z
17. Riya offers 12% discount on all her goods and offers an additional discount of 6% to those customers who pay in cash. How much will a customer have to pay for a fan marked for ₹2,400 if he pays in cash?
 1. 1,985.28 2. 1,900 3. 2,300.50 4. 2,122.50
18. In a college, 20% of the number of boys is equal to the three-fourth of the number of girls. What is the ratio of boys to girls in that college ?
 1. 15 : 4 2. 13 : 4 3. 5 : 3 4. 7 : 6
20. Study given table and answer the question that follows.

The given table shows the number of new employees added to different categories of employees in a company for four years and the number of employees who left company every year.

Year	Managers		Technicians		Accountants	
	New	Left	New	Left	New	Left
2001	280	120	260	50	200	100
2002	300	92	340	160	228	95
2003	310	150	450	200	254	125
2004	420	120	480	180	260	120

- During the period between 2001 and 2004, what percentage (rounded off to the nearest integer) of the total number of Technicians who joined the company is represented by the total number of Technicians who left the company?
 1. 39% 2. 35% 3. 24% 4. 29%

Section : Reasoning Ability and Problem Solving

21. What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $39 \div 3 - 24 + 60 \times 12 = ?$
 1. 163 2. 86 3. 136 4. 190
22. In a certain code language, 'I swim fast' is coded as 'cp lk bs' and 'may I go' is coded as 'ap sb lk'. How is 'I' coded in that code language?
 1. bs 2. sb 3. lk 4. cp
23. Seven people A, B, C, D, E, F and G are sitting around a circular table, facing the centre (but not necessarily in the same order). A is sitting second to the right of E. Only one person is sitting between D and A. B is sitting third to the right of G. F is an immediate neighbor of B. How many people are sitting between D and E when counted from the left of E?
 1. Two 2. One 3. Four 4. Three
24. Select the correct mirror image of the given figure when the mirror is placed at MN as shown below:
-
1. s l 0 Я H 2. s l 0 Я H 3. l a 0 Я H 4. l s 0 Я H
25. In a certain code language, 'WING' is coded as '2618' and 'NEAT' is coded as '3469'. What is the code for 'N' in that language?
 1. 6 2. 1 3. 8 4. 3
26. Select the set in which the numbers are related in the same way as the numbers of the following sets.
 (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. For example, 13 – Operations on 13 such as adding/subtracting/multiplying, etc. to 13, can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
 (4, 35, 11)
 (1, 82, 61)
 1. (13, 53, 20) 3. (2, 53, 6)
 2. (8, 33, 15) 4. (21, 310, 23)

27. In a code language, 'CAKE' is written as 'ACIG' and 'GOLD' is written as 'EQJF'. How will 'WIRE' be written in that language?

1. GUPK 2. UKPG 3. GUKP 4. GPUK

28. Select the figure from the given options that can replace the question mark (?) in the following series and complete the pattern.

A C K	C K 8	△ P K	P K 8	
P ↑ 8	△ P Z	∩ Z 8	↑ ∩ C	?
△ ∩ Z	∩ ↑ A	↑ A C	A Z △	

- | | | | | | | | | | |
|-------|---|-------|-------|-------|----|---|-------|-------|-------|
| 1. | <table border="1"><tr><td>↑ 8 C</td></tr><tr><td>A K ∩</td></tr><tr><td>Z △ P</td></tr></table> | ↑ 8 C | A K ∩ | Z △ P | 3. | <table border="1"><tr><td>↑ ∩ K</td></tr><tr><td>A C 8</td></tr><tr><td>Z △ P</td></tr></table> | ↑ ∩ K | A C 8 | Z △ P |
| ↑ 8 C | | | | | | | | | |
| A K ∩ | | | | | | | | | |
| Z △ P | | | | | | | | | |
| ↑ ∩ K | | | | | | | | | |
| A C 8 | | | | | | | | | |
| Z △ P | | | | | | | | | |
| 2. | <table border="1"><tr><td>↑ P K</td></tr><tr><td>A Z ∩</td></tr><tr><td>8 △ C</td></tr></table> | ↑ P K | A Z ∩ | 8 △ C | 4. | <table border="1"><tr><td>△ ∩ K</td></tr><tr><td>P C 8</td></tr><tr><td>↑ A Z</td></tr></table> | △ ∩ K | P C 8 | ↑ A Z |
| ↑ P K | | | | | | | | | |
| A Z ∩ | | | | | | | | | |
| 8 △ C | | | | | | | | | |
| △ ∩ K | | | | | | | | | |
| P C 8 | | | | | | | | | |
| ↑ A Z | | | | | | | | | |

29. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some chickens are hens.

No hen is an egg.

Conclusions:

(I) No chicken is an egg.

(II) All hens are chickens.

- Only conclusion II follows
- Both conclusions I and II follow
- Neither conclusion I nor II follows
- Only conclusion I follows

30. Identify the figure from the given options that when put in place of the question mark (?) will logically complete the series.

∩	∅	☆	∩	∅	☆	∩	∅	☆	?
∇			∇			∇			

- | | | | | | | | | | | | | | | | |
|----|---|---|---|---|---|----|---|----|---|---|---|--|---|---|--|
| 1. | <table border="1"><tr><td>∩</td><td>∅</td></tr><tr><td></td><td>☆</td></tr><tr><td>∇</td><td></td></tr></table> | ∩ | ∅ | | ☆ | ∇ | | 3. | <table border="1"><tr><td>☆</td><td>∩</td></tr><tr><td></td><td>∅</td></tr><tr><td>∇</td><td></td></tr></table> | ☆ | ∩ | | ∅ | ∇ | |
| ∩ | ∅ | | | | | | | | | | | | | | |
| | ☆ | | | | | | | | | | | | | | |
| ∇ | | | | | | | | | | | | | | | |
| ☆ | ∩ | | | | | | | | | | | | | | |
| | ∅ | | | | | | | | | | | | | | |
| ∇ | | | | | | | | | | | | | | | |
| 2. | <table border="1"><tr><td>☆</td></tr><tr><td>∅</td><td>∩</td></tr><tr><td>∇</td></tr></table> | ☆ | ∅ | ∩ | ∇ | 4. | <table border="1"><tr><td>∅</td></tr><tr><td>☆</td><td>∩</td></tr><tr><td>∇</td></tr></table> | ∅ | ☆ | ∩ | ∇ | | | | |
| ☆ | | | | | | | | | | | | | | | |
| ∅ | ∩ | | | | | | | | | | | | | | |
| ∇ | | | | | | | | | | | | | | | |
| ∅ | | | | | | | | | | | | | | | |
| ☆ | ∩ | | | | | | | | | | | | | | |
| ∇ | | | | | | | | | | | | | | | |

31. Seven people A, B, C, D, E, F and G are sitting around a circular table, facing the center (but not necessarily in the same order). C is sitting to the immediate right of E. D is sitting third to the left of C. A is the immediate neighbor of B and C. F is not the immediate neighbor of E.

What is the position of G with respect to A?

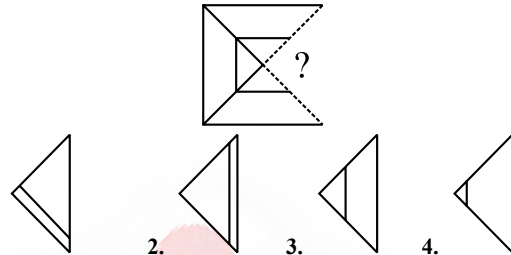
- | | |
|------------------------|--------------------------|
| 1. Second to the left | 3. Third to the left |
| 2. Second to the right | 4. To the immediate left |

32. 7 is related to 30 following a certain logic. Following the same logic, 14 is related to 100. To which of the following is 22 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. For example, 13 – Operations on 13 such as adding /subtracting / multiplying, etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.

1. 189 2. 180 3. 190 4. 170

33. Select the option figure that will replace the question mark (?) in the figure given below to complete the pattern.



34. What should come in place of '?' in the given series? -12, +24, -48, +96, ?, +384

1. -192 2. 108 3. 96 4. -108

35. What will come in place of the question mark (?) in the following equation if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$$5 \div 6 \times 3 - 4 + 11 = ?$$

1. 7 2. 11 3. 14 4. 3

36. JM12 is related to EH15 in a certain way. In the same way, QT34 is related to LO37. To which of the following is SV 23 related following the same logic?

1. MP26 2. MQ27 3. NQ26 4. NP27

37. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statement(s).

Statements:

No bus is a car.

No car is a truck.

Conclusions:

(I) No car is a bus.

(II) No truck is a car.

- Only conclusion II follows
- Only conclusion I follows.
- Neither conclusion I nor II follows.
- Both conclusions I and II follow.

38. In a code language, 'COLONY' is coded as '48' and 'INTERCHANGE' is coded as '88'. How will 'MOUNTAIN' be coded in the same language?

1. 64 2. 66 3. 86 4. 84

39. HFLI is related to OMSP in a certain way based on the English alphabetical order. In the same way, KIOL is related to RPVS. To which of the following is MKQN related, following the same logic?

1. TRUX 2. RTXU 3. RTUX 4. TRXU

40. What should come in place of ? in the given series based on the English alphabetical order?

ACE, FHJ, KMO, PRT, ?

1. NOP 2. UWY 3. GJK 4. BCD

Section : General Awareness

41. The Pharmacy (Amendment) Bill, 2023 was introduced in Lok Sabha on 3 August 2023, which amends the _____.
1. Pharmacy Act, 1950
 2. Pharmacy Act, 1947
 3. Pharmacy Act, 1949
 4. Pharmacy Act, 1948
42. In which state/union territory is Losar celebrated to mark the start of the new year in that region?
1. Kerala
 2. Bihar
 3. Ladakh
 4. New Delhi
43. Kanak Rele, who established Nalanda Dance Research Centre, was a performer of which of the following classical dance forms of India?
1. Mohiniyattam
 2. Manipuri
 3. Kathak
 4. Sattriya
44. Which of the following acts introduced the system of dyarchy in the provincial administration in India?
1. The Government of India Act of 1909
 2. The Government of India Act of 1919
 3. The Government of India Act of 1935
 4. The Government of India Act of 1947
45. In which part of India is cool mountain climate observed?
1. West
 2. South
 3. North
 4. East
46. Who was the founder of the Mauryan dynasty?
1. Vikramaditya
 2. Bindusara
 3. Chandragupta Maurya
 4. Ashoka
47. As of 31st October 2023, the senior-most member (in terms of age) in the 17th Lok Sabha, Shafiqur Rahman Barq represents which political party?
1. Bharatiya Janata Party
 2. Indian National Congress
 3. Samajwadi Party
 4. Rashtriya Janata Dal
48. Which of the following books is written by Dadabhai Naoroji?
1. Poverty and India
 2. Important Chapters of Poverty
 3. Poverty and Un-British Rule in India
 4. Economics History of India
49. The historical fiction 'The Glory of Patan' by KM Munshi was originally written in which Indian language?
1. Malayalam
 2. Bengali
 3. Tamil
 4. Gujarati
50. On which date did Punjab abolish the Legislative Council?
1. 1 January 1971
 2. 1 January 1977
 3. 1 January 1975
 4. 1 January 1970
51. The chemical compound present in turmeric is:
1. curcumin
 2. tartaric acid
 3. carotene
 4. capsaicin
52. Who among the following established the Indore gharana?
1. Bhimsen Joshi
 2. Ustad Amir Khan
 3. Tansen
 4. Ustad Ghaghe Khuda Baksh
53. With reference to medieval Indian architecture style, what is 'Pietra Dura'?
1. Sculpture art of the Mauryan period
 2. Oil paintings on the walls of Taj Mahal
 3. Fine quality clothes used by the Mughals
 4. Decorating the walls with floral designs made of semi-precious stones
54. The Rabi season of agriculture begins in October–November and ends in _____.
1. June–July
 2. January–February
 3. March–April
 4. May–June
55. What is the chemical formula for sodium bicarbonate?
1. NaCl
 2. Na₂CO₃
 3. NaHCO₃
 4. NaOH
56. Which of the following is one of the features of capital goods?
1. They are durable.
 2. They are Giffen goods.
 3. They are inexpensive.
 4. They are inferior goods.
57. Which of the following is the decreasing order of the below mentioned awards?
1. Padma Shri, Padma Vibhushan, Padma Bhushan
 2. Padma Bhushan, Padma Shri, Padma Vibhushan
 3. Padma Vibhushan, Padma Bhushan, Padma Shri
 4. Padma Shri, Padma Bhushan, Padma Padma Vibhushan
58. Which of the following dynasties established the Vijayanagara kingdom in fourteenth century?
1. Aravidu dynasty
 2. Saluva dynasty
 3. Tuluva dynasty
 4. Sangama dynasty
59. The red colour of tomatoes is due to the presence of:
1. limonene
 2. lycopene
 3. beta carotene
 4. alizarin
60. Which Union Territory had minimum literacy rate as per 2011 Census?
1. Chandigarh
 2. Dadra and Nagar Haveli
 3. Lakshadweep
 4. Delhi
61. In 1976, in which part of the Indian Constitution, under Article 51A, were Fundamental Duties added?
1. VI
 2. V
 3. IV A
 4. III
62. With which sport is Sanjana Bathula associated?
1. Roller skating
 2. Squash
 3. Shooting
 4. Badminton
63. Who was the captain of Royal Challengers Bangalore in the Women's Premier League event 2023?
1. Harmanpreet Kaur
 2. Deepti Sharma
 3. Shafali Verma
 4. Smriti Mandhana
64. Which of the following statements is/are correct about the famous place Mawsynram?
- A. It is the wettest place on the Earth.
 - B. It is located in Meghalaya state of India.
1. Only A is correct.
 2. Neither A nor B is correct.
 3. Only B is correct.
 4. A and B both are correct.
65. How many countries share their land borders with India?
1. Nine
 2. Seven
 3. Six
 4. Eight

Section : English Language and Comprehension

66. Select the INCORRECTLY spelt word.
1. Trifle
 2. Surrender
 3. Consicstent
 4. Disgust
67. Select the most appropriate synonym of the given word.
Ecstatic
1. Shocked
 2. Happy
 3. Angry
 4. interested
68. The following sentence has been split into four segments. Identify the segment that contains a phrasal verb error.
Mrs. Premlatha asked / Malini to hand down / all the / payment slips.
1. all the
 2. Mrs. Premlatha asked
 3. Malini to hand down
 4. payment slips
69. What does it imply when people say to 'read between the lines'?
1. To read something fast
 2. To read with an ability to infer the meaning
 3. To skip initial and final lines in a paragraph
 4. To avoid detailed information
70. The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
The workers had been repairing / the mall road in / town for / several days now
1. the mall road in
 2. several days now
 3. The workers had been repairing
 4. town for

71. Select the most appropriate meaning of the given idiom.
A piece of cake
1. A slice of cake for eating
2. Easy to do or achieve
3. A cake which is sold as a piece
4. A cake that broke into pieces
72. Select the most appropriate option to fill in the blank.
Cultural heritage is the lifeblood of any _____ and serves as a link between generations.
1. lethargy 2. birthright 3. civilisation 4. believe
73. Select the most appropriate verb form to fill in the blank.
Arun _____ his bicycle to school every day.
1. ride 2. riding 3. rides 4. rode
74. Select the most appropriate synonym of the word 'pursue' from the given sentence.
Dr. Kalam's success in the field of science has inspired young Indians to dream big and chase those dreams with immense hard work.
1. chase 2. inspired 3. immense 4. success
75. The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
My secretary is disposed of / discuss everything in great detail / before she begins / the actual work.
1. My secretary is disposed of
2. discuss everything in great detail
3. before she begins
4. the actual work.
76. Select the option that correctly rectifies the underlined spelling error.
The accideent on the highway caused a long traffic jam.
1. accidnt 3. acident
2. accident 4. acident
77. The following sentence has been divided into four segments. One of them contains an error. Select the segment that contains the error from the given options.
Neither Smith / nor Rose / were in / the classroom.
1. Neither Smith 3. were in
2. the classroom 4. nor Rose
78. Select the most appropriate synonym of the underlined word
The project's tight deadline and complex requirements made it a gruelling task for the team.
1. empowering 3. inclusive
2. challenging 4. accessible
79. Select the most appropriate option to fill in the blank.
He is _____ tired to finish his homework.
1. to 2. too 3. most 4. more
80. Select the most appropriate option to fill in the blank.
Please listen to all announcements _____.
1. easily 3. generally
2. hungrily 4. attentively
81. Select the most appropriate synonym of the given word.
Energy
1. Frailty 3. Strife
2. Speed 4. Power
82. Select the most appropriate synonym of the underlined word.
The detective's job was to discern the truth from the web of lies.
1. ignore 3. confuse
2. perceive 4. fabricate
83. Select the sentence that has a grammatical error.
1. She always eats healthy meals.
2. The sun rises in the east.
3. We watches movies every Friday night.
4. He works as a software developer.
84. Select the option that correctly rectifies the underlined spelling error.
The rainbow only appears after a hurican.
1. hurrecane 3. hurrecain
2. hurrican 4. hurricane
85. Select the most appropriate option to fill in the blank.
Accepting how wonderful you truly are and incorporating this _____ into your attitude and personality is perhaps one of the most difficult things to do in life.
1. insight 3. folly
2. craziness 4. glitch

Comprehension: (Qs. No. 86–90)

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

My next pet, Ari, was a pigeon. He became convinced that he was not a bird at all and refused to _____ 1 _____. If he wanted to get on a table or a chair, he stood below it, cooing until someone picked him up. He would even try to come _____ 2 _____ walks with us. This, however, we had to stop for, _____ 3 _____ you carried him on your shoulder or else you let him walk behind. If you let him walk, you had to slow down your own _____ 4 _____ to suit his, for should you get too far ahead, you would find him running after you, cooing frantically, his chest pouted out with _____ 5 _____.

86. Select the most appropriate option to fill in blank number 1.
1. fly 2. read 3. flea 4. file
87. Select the most appropriate option to fill in blank number 2.
1. by 2. on 3. at 4. in
88. Select the most appropriate option to fill in blank number 3.
1. neither 2. either 3. never 4. ever
89. Select the most appropriate option to fill in blank number 4.
1. piece 2. peace 3. pace 4. space
90. Select the most appropriate option to fill in blank number 5.
1. indignation 3. intimation 2. inclination 4. ignition

Answer Key

1. (1)	2. (4)	3. (3)	4. (3)	5. (4)	6. (4)	7. (4)	8. (4)	9. (1)	10. (3)
11. (3)	12. (2)	13. (3)	14. (1)	15. (3)	16. (2)	17. (1)	18. (1)	19. (3)	20. (1)
21. (3)	22. (3)	23. (1)	24. (2)	25. (1)	26. (1)	27. (2)	28. (3)	29. (3)	30. (3)
31. (3)	32. (2)	33. (3)	34. (1)	35. (4)	36. (3)	37. (4)	38. (1)	39. (4)	40. (2)
41. (4)	42. (3)	43. (1)	44. (2)	45. (3)	46. (3)	47. (3)	48. (3)	49. (4)	50. (4)
51. (1)	52. (2)	53. (4)	54. (3)	55. (3)	56. (1)	57. (3)	58. (4)	59. (2)	60. (2)
61. (3)	62. (1)	63. (4)	64. (4)	65. (2)	66. (3)	67. (2)	68. (3)	69. (2)	70. (3)
71. (2)	72. (3)	73. (3)	74. (1)	75. (1)	76. (2)	77. (3)	78. (2)	79. (2)	80. (4)
81. (4)	82. (2)	83. (3)	84. (4)	85. (1)	86. (1)	87. (2)	88. (2)	89. (3)	90. (1)

Answers with Explanations

1. Option (1) is correct.

Total expenditure of the year
 $= ₹ (8600 \times 3 + 9750 \times 4 + 9920 \times 5)$
 $= ₹ 1,14,400$

Total saving during the year ₹ 65,300

So, average monthly income

$$= \frac{114400 + 65300}{12}$$

$$= \frac{179700}{12} = ₹ 14,975$$

2. Option (4) is correct.

Distance covered by thief = 864 m

$$\text{So, time taken by thief} = \frac{864}{18} = 48 \text{ s}$$

$$\therefore \text{Time taken by policeman} = 48 - 12$$

$$= 36 \text{ s}$$

$$\therefore \text{Speed of policeman} = \frac{864}{36} = 24 \text{ m/s}$$

3. Option (3) is correct.

Let the present age of A and B
 be $3x$ and x years

according to the question,

$$\frac{3x-5}{x-5} = \frac{5}{1}$$

$$\Rightarrow 3x - 5 = 5x - 25$$

$$\Rightarrow 2x = 20$$

$$\Rightarrow x = 10$$

So, age of A after 8 years = $3x + 8 = 38$ years

4. Option (3) is correct.

Distance to be covered by two trains

$$= (148 + 152) \text{ m} = 300 \text{ m}$$

$$\text{Relative speed} = (62 + 46) \text{ km/h} = 108 \text{ km/h}$$

$$\text{Time} = \frac{300}{108 \times 5} \times 18 = 10 \text{ s}$$

\therefore

5. Option (4) is correct.

$$\text{Area of equilateral triangle} = \frac{\sqrt{5043}}{4} \text{ cm}$$

$$\Rightarrow \frac{\sqrt{3}}{4} a^2 = \frac{\sqrt{5043}}{4}$$

$$\Rightarrow a^2 = \frac{\sqrt{5043}}{\sqrt{3}} = \sqrt{1681} = 41$$

$$\Rightarrow a = \sqrt{41} \text{ cm}$$

6. Option (4) is correct.

$$\frac{A+B}{2} + \frac{B+C}{2} + \frac{C+A}{2} = 3590 + 4250 + 6500$$

$$\Rightarrow \frac{2(A+B+C)}{2} = 14340$$

$$\Rightarrow A + B + C = 14340$$

$$C = 14340 - (3590 \times 2)$$

$$= ₹ 7160$$

7. Option (4) is correct.

Total incorrect marks of 50

$$\text{Student} = 65 \times 50 = 3250$$

$$\text{So, Correct average} = \frac{3250 - 68 + 88}{50}$$

$$= 65.40$$

8. Option (4) is correct.

Loss = 20%

$$\text{Let CP} = x$$

$$\text{So, SP} = x - x \times \frac{20}{100}$$

$$\text{So, SP} = x - \frac{x}{5} = \frac{4x}{5}$$

$$\text{Now, new SP} = \frac{4x}{5} + 100, \text{ profit} = 30\%$$

$$\therefore 30 = \frac{\frac{4x}{5} + 100 - x}{x} \times 100$$

$$\frac{30x}{100} = 100 - \frac{x}{5}$$

$$\frac{30x + 20x}{100} = 100$$

$$\Rightarrow 50x = 10000$$

$$\Rightarrow x = 200$$

9. Option (1) is correct.

Let the amount invested be P

$$\therefore 806 - P = \frac{P \times 6 \times 5}{100}$$

$$8060 - 10P = 3P$$

$$\Rightarrow 8060 = 13P$$

$$\Rightarrow P = ₹ 620$$

So, when $r = 12\%$ and $t = 5$ years

$$\text{SI} = \frac{620 \times 12 \times 5}{100} = 372$$

$$\text{So, amount} = ₹ (620 + 372) = ₹ 992$$

10. Option (3) is correct.

$$\text{SI} = \frac{3500 \times 7 \times 6}{100} = ₹ 1470$$

11. Option (3) is correct.

$$\text{Area of regular hexagon} = 2048\sqrt{3}$$

$$\Rightarrow \frac{3}{2} \sqrt{3} (\text{sides})^2 = 2048\sqrt{3}$$

$$\Rightarrow (\text{side})^2 = \frac{2048 \times 2}{3} = \frac{4096}{3}$$

$$\Rightarrow \text{side} = \frac{64}{\sqrt{3}} = \frac{64\sqrt{3}}{3} \text{ cm}$$

12. Option (2) is the correct answer

Let the price of third variety be M.

according to the question,

$$(43 \times 2x) + (67 \times x) + (M \times 5x) = 96 \times 8x$$

$$\Rightarrow 86x + 67x + 5Mx = 768x$$

$$\Rightarrow 5Mx = (768 - 153)x$$

$$\Rightarrow 5M = 615$$

$$\Rightarrow M = ₹ 123/\text{kg}$$

13. Option (3) is correct.

Let the number be $6x$, $7x$ and $3x$

$$\text{Now, LCM} = 42x$$

$$\Rightarrow 42x = 3654 \Rightarrow x = 87$$

$$\text{So, HCF} = x = 87$$

14. Option (1) is correct.

$$\text{SI} = \frac{3000 \times 7 \times 5}{100}$$

$$= ₹ 1050$$

15. Option (3) is correct.

According to the question,

$$\frac{80}{100} \times 20 \times \frac{2}{3} \times \pi(3)^3 = \frac{2}{3} \pi r^3$$

$$\Rightarrow r^3 = 27 \times 16$$

$$\Rightarrow \text{radius } (r) = 6\sqrt[3]{2} \text{ cm}$$

16. Option (2) is correct.

Average production of company X

$$= \frac{52000 + 80000 + 81000}{3}$$

$$= 71,000 \text{ tones}$$

Average production of company Y

$$= \frac{65000 + 66000 + 76000}{3}$$

$$= 69,000 \text{ tones}$$

Average production of company Z

$$= \frac{70000 + 72000 + 62000}{3}$$

$$= 68,000 \text{ tones}$$

Average production of company W

$$= \frac{68000 + 69000 + 70000}{3}$$

$$= 69,000 \text{ tones}$$

17. Option (1) is correct.

Market price = ₹ 2400

$$\text{Required amount} = \left(\frac{100-6}{100} \right) \left(\frac{100-12}{100} \right) \times 2400$$

$$= ₹ 1985.28$$

18. Option (1) is correct.

Let the no. of boys x and the no. of girls be y
According to the question,

$$\frac{20x}{100} = \frac{3}{4}y$$

$$\Rightarrow \frac{x}{y} = \frac{3}{4} \times 5 = \frac{15}{4}$$

∴ Required ratio = 15:4

19. Option (3) is correct.

For first sack of rice, $\frac{20}{100} = \frac{19200 - CP}{CP}$

$$\Rightarrow \frac{CP}{5} + CP = 19200$$

$$\Rightarrow CP = \frac{19,200 \times 5}{6} = ₹ 16,000$$

For second sack of rice,

$$\frac{20}{100} = \frac{CP - 19,200}{CP}$$

$$\Rightarrow 19,200 = CP - \frac{CP}{5}$$

$$\Rightarrow \frac{19200 \times 5}{4} = CP$$

$$\Rightarrow CP = ₹ 24,000$$

Total cost price = ₹ 16,000 + ₹ 24,000 = ₹ 40,000

Total selling price = ₹ 19,200 × 2 = ₹ 38,400

$$\therefore \text{Loss \%} = \frac{(40000 - 38400) \times 100}{40000}$$

$$= 4\%$$

20. Option (1) is correct.

Total number of Technicians who left the company = 50 + 160 + 200 + 180 = 590

Total number of Technicians who joined the company = 260 + 340 + 450 + 480 = 1530

So, required percentage = $\frac{590}{1530} \times 100$

$$= 38.56\%$$

$$\cong 39\%$$

21. Option (3) is correct.

After interchanging the symbols, we get

$$39 \times 3 + 24 - 60 \div 12 = 39 \times 3 + 24 - 5$$

$$= 117 + 24 - 5$$

$$= 141 - 5 = 136$$

22. Option (3) is correct.

We have,

I swim fast → cp lk bs

may I go → ap sb lk

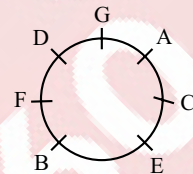
From Eqs. (i) and (ii), we get

I → lk

...(i)

...(ii)

23. Option (1) is correct.



Number of person sitting between D and E = 2

24. Option (2) is correct.



25. Option (1) is correct.

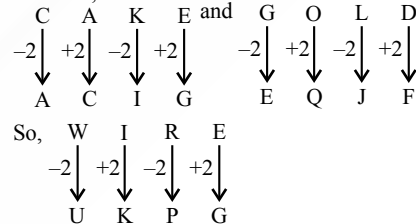
As the common letter is N and common code is 6.

26. Option (1) is correct.

Here, (11 + 4) + 20 = 35
and (61 + 1) + 20 = 82
So, (20 + 13) + 20 = 53

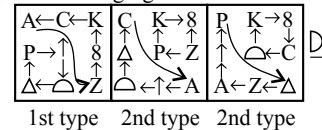
27. Option (2) is correct.

We have,

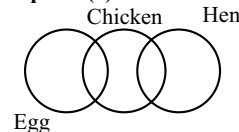


28. Option (3) is correct.

The missing figure is.

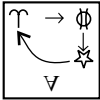


29. Option (3) is correct.

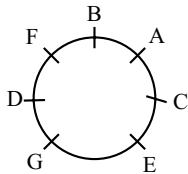


Neither ccuculsion I nor II follows.

- 30.
- Option (3) is correct.**



- 31.
- Option (3) is correct.**



So, G is third to the left of A.

- 32.
- Option (2) is correct.**

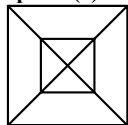
The rule followed is $7 : (7 - 4) \times 10 = 30$

Similarly,

$$14 : (14 - 4) \times 10 = 100$$

$$\text{So, } 22 : (22 - 4) \times 10 = 180$$

- 33.
- Option (3) is correct.**



- 34.
- Option (1) is correct.**

$$-12 \xrightarrow{-2} 24 \xrightarrow{-2} 48 \xrightarrow{-2} 96 \xrightarrow{-2} 192 \xrightarrow{-2} 384$$

- 35.
- Option (4) is correct.**

After interchanging the symbols, we get $5 \times 6 \div 3 + 4 - 11 =$

$$5 \times 2 + 4 - 11$$

$$= 10 + 4 - 11$$

$$= 14 - 11 = 3$$

- 36.
- Option (3) is correct.**

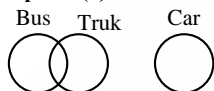
We have,

$$J \xrightarrow{-5} E \quad \text{and} \quad Q \xrightarrow{-5} L \quad \text{So, } S \xrightarrow{-5} N$$

$$M \xrightarrow{-5} H \quad T \xrightarrow{-5} O \quad V \xrightarrow{-5} Q$$

$$12 \xrightarrow{+3} 15 \quad 34 \xrightarrow{+3} 37 \quad 23 \xrightarrow{+3} 26$$

- 37.
- Option (4) is correct.**



Both conclusions follow.

- 38.
- Option (1) is correct.**

No. of letters in COLONY = 6

$$\text{So, } 8 \times 6 = 48$$

Similarly, no. of letters in

$$\text{INTERCHANGE} = 11$$

$$\text{So, } 8 \times 11 = 88$$

\therefore No of letters in MOUNTAIN = 8

$$\text{So, } 8 \times 8 = 64$$

- 39.
- Option (4) is correct.**

$$H \xrightarrow{+7} O$$

We have, $F \xrightarrow{+7} M$

$$L \xrightarrow{+7} S$$

$$I \xrightarrow{+7} P$$

$$M \xrightarrow{+7} T$$

$$\text{So, } K \xrightarrow{+7} R$$

$$Q \xrightarrow{+7} X$$

$$N \xrightarrow{+7} U$$

- 40.
- Option (2) is correct.**

$$A \xrightarrow{+5} F \xrightarrow{+5} K \xrightarrow{+5} P \xrightarrow{+5} U$$

$$C \xrightarrow{+5} H \xrightarrow{+5} M \xrightarrow{+5} R \xrightarrow{+5} W$$

$$E \xrightarrow{+5} J \xrightarrow{+5} O \xrightarrow{+5} T \xrightarrow{+5} Y$$

- 41.
- Option (4) is correct.**

The Pharmacy (Amendment) Bill, 2023 was introduced in the Lok Sabha on August 3, 2023, to amend the Pharmacy Act, 1948. The Pharmacy Act regulates the practice of pharmacy in India and ensures that only qualified individuals can practice. The Pharmacy (Amendment) Bill, 2023 updates and improves the provisions of the original Act. The Bill has a special provision relating to persons registered or qualified under Jammu & Kashmir Pharmacy Act, 2021. It states that any person whose name has been entered in the register of pharmacists maintained under the Jammu & Kashmir Pharmacy Act or possesses qualifications prescribed under the act shall be deemed to have entered the register of pharmacists.

- 42.
- Option (3) is correct.**

Ladakh is celebrating Losar, the traditional New Year, a festival observed by the Buddhist community in the region. The festivities began with the celebration of the Birth and Nirvana Anniversary of Je Tsongkhapa. People are marking the occasion at religious sites such as monasteries, stupas and other locations. Losar is celebrated in Tibetan Buddhism during February or March.

- 43.
- Option (1) is correct.**

Kanak Rele is an Indian dancer, choreographer and academic, widely recognised as a prominent exponent of Mohiniyattam. She is the founder-director of the Nalanda Dance Research Centre and the founder-principal of the Nalanda Nritya Kala Mahavidyalaya in Mumbai. Born on June 11, 1937, in Gujarat, she is 85 years old. Mohiniyattam, a classical dance form from Kerala, is performed by women in reverence to the Hindu god Vishnu in his incarnation as the enchantress Mohini. Kathakali, another classical dance form, also hails from Kerala.

- 44.
- Option (2) is correct.**

The Government of India Act of 1919 introduced the system of dyarchy in the provincial administration in India. Under this system, the executive authority in the provinces was divided between the British officials and the Indian ministers. It was a dual system of governance, where certain areas (like finance, law, and order) were under the control of the British, while others (like agriculture, health, and education) were entrusted to Indian ministers.

- 45.
- Option (3) is correct.**

A cool mountain climate is observed in the northern part of India, especially in the Himalayan region. This area includes states like Jammu & Kashmir, Himachal Pradesh, Uttarakhand and parts of northeastern India, where the elevation leads to cooler temperatures throughout the year.

- 46.
- Option (3) is correct.**

The founder of the Mauryan dynasty was Chandragupta Maurya. He established the Maurya Empire around 321 BCE after overthrowing the Nanda dynasty. Chandragupta united much of the Indian subcontinent under his rule, which extended from the northwestern regions (modern-day Afghanistan and Pakistan) to the central and eastern parts of India. His reign marked the beginning of one of the largest and most powerful empires in Indian history.

- 47.
- Option (3) is correct.**

As of 31st October 2023, the senior-most member (in terms of age) in the 17th Lok Sabha, Shafiqur Rahman Barq, represents the Samajwadi Party. He has served as a Member of Parliament and was a prominent leader from Uttar Pradesh.

- 48. Option (3) is correct.**
Dadabhai Naoroji, a prominent Indian nationalist and the first Asian to become a British MP, wrote the book *“Poverty and Un-British Rule in India”*. In this work, he argued that British colonial rule was responsible for the economic exploitation and poverty in India. Naoroji’s analysis highlighted the drain of wealth from India to Britain.
- 49. Option (4) is correct.**
The historical fiction *‘The Glory of Patan’* was originally written in Gujarati by K. M. Munshi, a prominent Indian writer, and freedom fighter. The novel is set in the 12th century and revolves around the glory of the Indian kingdom of Patan, exploring themes of politics, culture and historical events during that period.
- 50. Option (4) is correct.**
The Punjab Legislative Council was abolished on 1st January 1970, through the Punjab Legislative Council (Abolition) Act, 1969. This act made the Punjab legislature unicameral, meaning it only had one house, the Legislative Assembly. As a result of this abolition, the word “Punjab” was also removed from Article 168 of the Constitution of India, which previously listed states with bicameral legislatures.
- 51. Option (1) is correct.**
Curcumin is the chemical compound present in turmeric that gives it its yellow colour and is known for its anti-inflammatory and antioxidant properties. It is widely used in cooking, traditional medicine and as a natural dye.
- 52. Option (2) is correct.**
Ustad Amir Khan, a renowned Hindustani classical musician, is credited with establishing the Indore gharana. This gharana is known for its unique style of khayal singing, and Ustad Amir Khan’s contributions have had a lasting influence on its development.
- 53. Option (4) is correct.**
Pietra Dura is an Italian term meaning “hard stone.” In the context of medieval Indian architecture, it refers to the technique of inlaying semi-precious stones (like agate, jasper, coral and lapis lazuli) into marble or other stone surfaces to create intricate and colourful floral or geometric designs. This technique was famously used in the decoration of the Taj Mahal.
- 54. Option (3) is correct.**
The Rabi season of agriculture in India begins in October–November and typically ends in March–April. It is the winter cropping season, with crops like wheat, barley, peas and mustard being grown during this period.
- 55. Option (3) is correct.**
The chemical formula for sodium bicarbonate is NaHCO_3 . It is commonly known as baking soda and is widely used in various applications, including cooking, cleaning, and as an antacid to treat heartburn. Sodium bicarbonate consists of one sodium (Na) atom, one hydrogen (H) atom, one carbon (C) atom and three oxygen (O) atoms. It is also used in fire extinguishers and as a leavening agent in baking.
- 56. Option (1) is correct.**
Capital goods are durable items used in the production of other goods and services. These include machinery, tools, buildings and equipment. Unlike consumer goods, capital goods are not consumed directly but are used to produce other goods. They typically have a long lifespan and are essential for increasing production capacity and efficiency in industries.
- 57. Option (3) is correct.**
The Padma awards are India’s highest civilian honours, and they are conferred in the following descending order of precedence:
Padma Vibhushan – awarded for exceptional and distinguished service.
Padma Bhushan – awarded for distinguished service of a high order.
Padma Shri – awarded for distinguished service in any field.
- 58. Option (4) is correct.**
The Sangama dynasty was the first dynasty to establish the Vijayanagara kingdom in the 14th century. It was founded by Harihara I and Bukka Raya I in 1336. The kingdom flourished under the Sangama dynasty, and later, it was succeeded by the Saluva, Tuluva and Aravidu dynasties.
- 59. Option (2) is correct.**
The red colour of tomatoes is due to the presence of lycopene, which is a type of carotenoid pigment. Lycopene is a powerful antioxidant and is also found in other red fruits and vegetables like watermelon and red peppers. It has various health benefits, including reducing the risk of certain cancers and heart disease.
- 60. Option (2) is correct.**
According to the 2011 Census, Dadra and Nagar Haveli had the minimum literacy rate among the Union Territories of India. The literacy rate in this region was lower compared to other Union Territories. The 2011 Census data revealed that the literacy rate in Dadra and Nagar Haveli was around 77.6%.
- 61. Option (3) is correct.**
In 1976, through the 42nd Amendment Act, Fundamental Duties were added to the Indian Constitution under Article 51A. These duties were included in Part IV–A of the Constitution, which outlines the moral responsibilities of citizens to promote a sense of discipline and commitment to the nation.
- 62. Option (1) is correct.**
Sanjana Bathula is associated with roller skating. She is an accomplished roller skater and has represented India in various international competitions, earning recognition for her performances in the sport.
- 63. Option (4) is correct.**
The captain of Royal Challengers Bangalore in the Women’s Premier League (WPL) 2023 was Smriti Mandhana. She is one of India’s leading cricketers, known for her stylish batting and leadership abilities. Mandhana was bought by RCB for a significant amount in the inaugural WPL auction and led the team throughout the 2023 season, showcasing her skills both as a captain and a top-order batter in the tournament.
- 64. Option (4) is correct.**
Mawsynram is located in the state of Meghalaya, India and holds the title of the wettest place on Earth. It receives the highest annual rainfall in the world, primarily due to its location on the windward side of the Khasi Hills, where moist air from the Bay of Bengal is forced upwards, resulting in heavy rainfall.
- 65. Option (2) is correct.**
India shares land borders with seven countries: Pakistan, Afghanistan, Nepal, China, Bangladesh, Bhutan and Myanmar. Bangladesh has the longest border with India, as it is surrounded by India on three sides. This border is considered the fifth-largest land border in the world. Among these countries, Afghanistan shares the shortest border with India. China, the largest country bordering India, has the most extensive border, while Bhutan, the smallest country sharing a border with India, has the shortest.
- 66. Option (3) is correct.**
The incorrectly spelt word is (3) Consicent. The correct spelling is “Consistent,” which means behaving or acting the

same way over time. The other options are correct: (1) Trifle means something of little importance, (2) Surrender means to give up or yield, and (4) Disgust refers to a strong feeling of dislike or repulsion. These words are correctly spelt and used in common English.

67. Option (2) is correct.

The most appropriate synonym of the given word “Ecstatic” is (2) Happy. The term “Ecstatic” means feeling or expressing overwhelming happiness or joy. The other options are incorrect as: (1) Shocked refers to being surprised or disturbed, (3) Angry means feeling strong displeasure or hostility, and (4) Interested refers to showing curiosity or concern. These terms do not match the meaning of the term “Ecstatic.”

68. Option (3) is correct.

The segment that contains a phrasal verb error is (3) Malini to hand down. The correct phrasal verb in this context should be “hand over,” which means to give something to someone, especially when asked or required. “Hand down” means to pass something to someone younger, like an heirloom, which is incorrect here. The other segments are correct and do not contain errors.

69. Option (2) is correct.

“Read between the lines” implies understanding the implied or hidden meaning beyond the literal words. The other options are incorrect: (1) To read something fast refers to speed reading, (3) To skip initial and final lines in a paragraph suggests skipping parts of the text, and (4) To avoid detailed information means ignoring specifics.

70. Option (3) is correct.

The segment that contains a grammatical error is (3) The workers had been repairing. The use of “had been” depicts the usage of a past perfect continuous tense, which is used to describe an action that was ongoing before another past action or time reference. But, the phrase “several days now” implies a present time frame, so the correct tense should be “have been repairing” to indicate the present perfect continuous tense. The other segments are grammatically correct.

71. Option (2) is correct.

The phrase “a piece of cake” is an idiom that means something very simple or easy to accomplish. The other options are incorrect: (1) A slice of cake for eating refers literally to a portion of cake, (3) A cake which is sold as a piece describes a physical cake being sold, and (4) A cake that broke into pieces is a literal interpretation, which does not match the idiomatic meaning.

72. Option (3) is correct.

The sentence shows that cultural heritage is important to the continuity and identity of a civilisation, connecting the past, present and future. The other options are incorrect: (1) lethargy refers to laziness or lack of energy, which does not fit the context; (2) birthright refers to an inherent privilege or right by birth, which is unrelated here; and (4) believe is a verb that does not grammatically suit the sentence.

73. Option (3) is correct.

The sentence refers to a habitual action, which requires the simple present tense. The other options are incorrect: (1) ride is the base form and does not fit grammatically, (2) riding is the present participle and requires a helping verb, and (4) rode, which is the past tense and does not match the context of a daily routine.

74. Option (1) is correct.

In the given sentence, “pursue” means to follow or chase after something, such as dreams or goals. “Chase” has a similar meaning and fits perfectly in the context. The other options

are incorrect: (2) inspired means motivated or influenced, (3) immense means very large or great, and (4) success refers to the achievement of an aim or purpose. None of the other options captures the actual meaning of the text.

75. Option (1) is correct.

The phrase “is disposed of” is incorrect in this context. “Disposed of” means to get rid of something or someone, which is not the appropriate choice. The correct phrase should be “is disposed to” or “is willing to” if the intention is to indicate that the secretary is inclined to discuss everything in detail. The other segments are correct: (2) discuss everything in great detail, (3) before she begins, and (4) the actual work.

76. Option (2) is correct.

The word “accident” is spelt with two ‘c’s, and it correctly matches the intended meaning in the sentence. The other options are incorrect: (1) accidnt is missing an ‘e’, (2) accident has an extra ‘i’, and (4) acident is missing a ‘c’.

77. Option (3) is correct.

The error here is the use of “were” instead of “was.” When using “neither...nor” with singular nouns, the verb should be singular. The sentence should read: “Neither Smith nor Rose was in the classroom.” The other segments are correct: (1) Neither Smith, (3) the classroom, and (4) nor Rose.

78. Option (2) is correct.

The word “gruelling” means something very difficult and exhausting, which aligns with the meaning of “challenging.” The other options are incorrect: (1) Empowering means giving someone the power or confidence to do something, (2) Inclusive means including everyone or everything, and (4) Accessible means easy to approach or reach, none of which match the meaning of “gruelling.”

79. Option (2) is correct.

The sentence should be read as: “He is too tired to finish his homework.” The word “too” means excessively or very, which fits the context of being so tired that he cannot complete his homework. The other options are incorrect: (1) “to” is a preposition and does not fit here, (3) “most” means the greatest in amount or degree and does not make sense in this context, and (4) “more” indicates an additional amount and does not work in this sentence.

80. Option (4) is correct.

The sentence should be read as: “Please listen to all announcements attentively.” The word “attentively” means paying close attention, which is appropriate for listening to announcements. The other options are incorrect: (1) easily means without difficulty, (2) hungrily means with eagerness related to food or desire, none of which fit the context of listening to announcements and (3) generally means usually or broadly.

81. Option (4) is correct.

The word “energy” means the ability to do work or exert force, and “power” is a synonym that refers to physical or mental strength and the capacity to act. The other options are incorrect: (1) Frailty means weakness, which is the opposite of energy, (2) Speed refers to how fast something moves, which does not match the meaning of energy, and (3) Strife means conflict or struggle.

82. Option (2) is correct.

The word “discern” means to recognise or perceive something clearly, which matches with the meaning of “perceive.” The other options are incorrect: (1) Ignore means to pay no attention to, (3) Confuse means to make something unclear or difficult to understand, and (4) Fabricate means to invent or make up something, which does not match the meaning of “discern.”

83. Option (3) is correct.

The error in this sentence is the use of “watches” with the subject “We.” The correct verb form should be “watch,” as in “We watch movies every Friday night.” The other sentences are correct: (1) She always eats healthy meals. (2) The sun rises in the east. (4) He works as a software developer.

84. Option (4) is correct.

The word “hurican” is a misspelling of “hurricane,” which refers to a powerful tropical storm. The other options are incorrect: as they do not match the correct spelling of the word.

85. Option (1) is correct.

The sentence should be read as: “Accepting how wonderful you truly are and incorporating this insight into your attitude and personality is perhaps one of the most difficult things to do in life.” The word “insight” means an accurate understanding or perception, which fits the context of recognising and incorporating self-worth. The other options are incorrect: (2) craziness means irrational behaviour, (3) folly means foolishness or a lack of good sense, and (4) glitch means a minor problem or malfunction, none of which fit the context of the sentence.

86. Option (1) is correct.

The sentence should be read as: “He became convinced that he was not a bird at all and refused to fly.” This makes an appropriate sense in the context, as pigeons are naturally expected to fly, and the passage describes Ari’s unique behaviour. The other options do not fit with the actual context of the sentence. “Read” means to look at and understand written text, “flea” refers to a small insect, and “file” refers to a collection of documents or an action of smoothing with a tool, none of which make sense in the given context.

87. Option (2) is correct.

The sentence should be read as: “He would even try to come on walks with us.” This fits with the actual meaning of the sentence as it describes Ari trying to join the family

on their walks. The other options are incorrect: (1) by suggests proximity but does not convey the idea of joining or participating, (3) at implies a specific location but does not fit the context of walking, and (4) in suggests being inside something, which is inappropriate here.

88. Option (2) is correct.

The sentence should read: “This, however, we had to stop for, either you carried him on your shoulder or else you let him walk behind.” The word “either” is used to indicate one of two options, which fits the context of choosing between carrying Ari or letting him walk behind. The other options are incorrect: (1) neither implies that neither option is true, which contradicts the sentence, (3) never means at no time, and (4) ever means at any time, neither of which fits in the actual context of the passage.

89. Option (3) is correct.

The sentence should read: “you had to slow down your own pace to suit his.” The word “pace” means the speed or rate of movement, which fits the context of walking at a speed that matches Ari’s. The other options are incorrect: (1) piece refers to a part of something, (2) peace means tranquillity or calmness, and (4) space refers to an area or distance, none of these options fits in the context of adjusting walking speed.

90. Option (1) is correct.

The sentence should be read as: “his chest pouted out with indignation.” The word “indignation” means anger or annoyance, which fits the context of Ari running after the person, cooing frantically as if he is upset or distressed that they are too far ahead. The other options are incorrect: (2) intimation means a hint or suggestion, which does not fit the context; (3) inclination means a preference or tendency, which is unrelated to the situation; and (4) ignition refers to the process of starting a fire or engine, which is inappropriate here.