

Q1. Which fraction will replace the question mark (?) in the following series?

$\frac{1}{5}, \frac{1}{4}, \frac{3}{10}, \frac{7}{20}, \frac{2}{5}, \frac{9}{20}, ?$

- (a) $\frac{3}{11}$
- (b) $\frac{1}{2}$
- (c) $\frac{7}{11}$
- (d) $\frac{3}{20}$

Q2. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

PINUOWN : QFORLXO :: PICKEL : QFDLBM :: OREGION : ?

- (a) PFSBFOL
- (b) LSFBFOL
- (c) PSFFBLO
- (d) LSBFFLO

Q3. In a certain code language, 'PRANE' is written as '13151112' and 'BELOPR' is written as '242941315'. How will 'TAKING' be written in that language?

- (a) 20181347
- (b) 17318144
- (c) 17183114
- (d) 14113817

Q4. Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.

$20 * 2 * 40 * 5 * 95$

- (a) -, ×, =, +
- (b) +, ×, =, -
- (c) +, ×, -, =
- (d) -, ×, +, =

Q5. In each of the following questions, find the odd numbers/ letters/ number pair from the given alternatives.

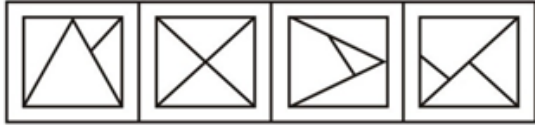
- (a) 11 - 26
- (b) 12 - 35
- (c) 15 - 32
- (d) 18 - 50

Q6. Identify the answer figure from which the pieces given in the question figure have been cut.

Question Figure :



Answer Figure :



(a) (b) (c) (d)

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

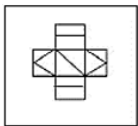
Q7. Three of the following four words are alike in a certain way and one is different find the odd one out.

- (a) Silicon
- (b) Germanium
- (c) Gallium
- (d) Sodium

Q8. Select the option in which the given figure is embedded (rotation is NOT allowed).



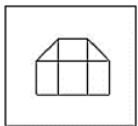
(a)



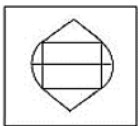
(b)



(c)



(d)

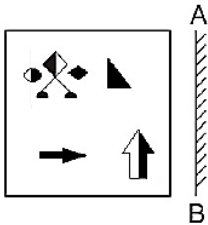


Q9. Which number will replace the question mark (?) in the following series?

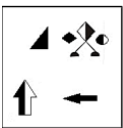
8,24, 84, 336, 1512, ?

- (a) 7982
- (b) 7560
- (c) 6500
- (d) 6048

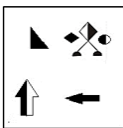
Q10. Select the correct mirror image of the given figure when the mirror is placed at AB as shown.



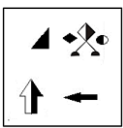
(a)



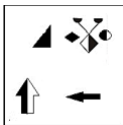
(b)



(c)



(d)



Q11. Find out the set of numbers amongst the four sets of numbers given in alternatives which is most like the given set.

(32, 28,20)

- (a) 30, 12, 18
- (b) 24, 22, 20
- (c) 32, 29, 23
- (d) 40, 38, 35

Q12. In the following question, four number pairs are given. In each pair the number on left side of (-) is related to the number of the right side of (-) with some Logic/Rule/Relation. Three pairs are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/ subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and then performing mathematical operations on 1 and 3 is not allowed)

- (a) 15 – 208
- (b) 18 – 305
- (c) 24 – 547
- (d) 12-139

Q13. Arrange the following words as per order in the dictionary :

1. Delicious
2. Descendant
3. Delinquent
4. Describe

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

Q14. Select the option in which the word shares the same relationship as that shared by the given pair of words.

Horse : Equus Caballus

- (a) Wolf : Culicidae
- (b) Dog : Anthophila
- (c) Mosquito : Passeridae
- (d) Cat : Felis Catus

Q15. Read the given statements and conclusions carefully. Assuming that the information given in the statement 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 statements.

Statements:

- All Books are copy
- All copy are pen
- All cars are bus
- All bus are train
- No pens are bus.

Conclusions:

- I. Some pens are Books.
- II. All pens are train
- III. No book is car

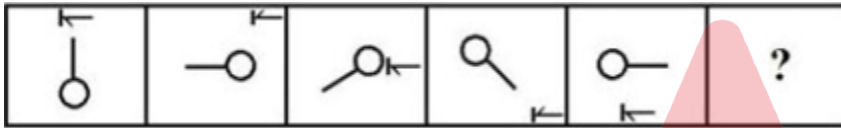
IV. Some bus are Pens.

- (a) Both conclusion II and IV follow.
- (b) Both conclusion I and III follow.
- (c) Both conclusion I and II follow.
- (d) Only conclusion I follows.

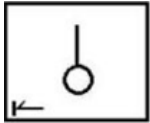
Q16. Amar, Akash, Sagar, Shalini, Seema and Sandeep are six members of a family. Seema is the daughter of Shalini. Akash is the brother of Shalini. Sandeep and Shalini are a married couple. Sagar is the son of Sandeep, who is the brother of Amar. How is Seema related to Sagar?

- (a) Sister
- (b) Mother
- (c) Father
- (d) Brother

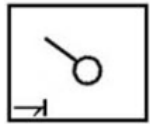
Q17. Select the figure from among the given options that can replace the question mark(?) in the following series.



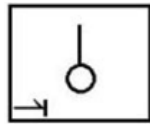
(a)



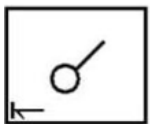
(b)



(c)



(d)

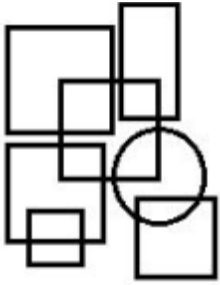


Q18. Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.

18 : 198 :: 16 : ? :: 22 : 286

- (a) 158
- (b) 172
- (c) 160
- (d) 175

Q19. Find the number of squares in the given figure. (Rectangles NOT to be included)



- (a) 16
- (b) 7
- (c) 9
- (d) 5

Q20. Select the number from among the given options that can replace the question mark (?) in the following series.

8, 16, 25, 26, 54, 18, ?

- (a) 142
- (b) 107
- (c) 160
- (d) 140

Q21. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

22	42	32
17	26	18
29	36	?

- (a) 17
- (b) 22
- (c) 24
- (d) 28

Q22. Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

LKS, SOV, ZSY, GWB, ?

- (a) NAE
- (b) KAL
- (c) MAF
- (d) NGE

Q23. Rs. 1095 is distributed among A, B and C in such a way that ratio of their share is 19 : 30 : 24 respectively. Find the sum of share of B and C?

- (a) 950
- (b) 750
- (c) 850
- (d) 810

Q24. Deepak is 15 m south east of Raman, Rajat is 15m south west of Raman, Deepak is in which direction of Rajat.

- (a) West
- (b) South -west
- (c) South- East
- (d) East

Q25. Introducing Radha to a guest, Aman said, "He is the only daughter of my father's daughter-in-law". How is Aman related to Radha?

- (a) Maternal grandfather
- (b) Paternal grandfather
- (c) Brother
- (d) Either father or uncle

Q26. According to the World Air Quality Report 2023, which city in Bihar is identified as the most polluted city in the world?

- (a) Patna
- (b) Gaya
- (c) Begusarai
- (d) Bhagalpur

Q27. Who has been selected for the prestigious 33rd Saraswati Samman for the year 2023?

- (a) Prabha Varma
- (b) Ayyappa Paniker
- (c) K. Satchidanandan
- (d) Sugathakumari

Q28. Which state's police force launched the Trinetra App 2.0?

- (a) Maharashtra
- (b) Uttar Pradesh
- (c) Karnataka
- (d) Tamil Nadu

Q29. Which organization released the State of the Global Climate 2023 report?

- (a) World Economic Forum
- (b) World Health Organization
- (c) World Meteorological Organization (WMO)
- (d) International Monetary Fund

Q30. In which state does the 3rd Edition of North East Games 2024 begin?

- (a) Nagaland
- (b) Assam
- (c) Manipur
- (d) Meghalaya

Q31. The Poona Pact, which was signed between B R Ambedkar and Mahatma Gandhi in 1932, provided for-

- (a) The creation of dominion status for India
- (b) Separate electorate for the Muslims
- (c) Seats reserved for depressed class
- (d) Joint electorate with reservation for women

Q32. Match List-I with List-II and select the correct answer from the code given below the lists:

List-I List-II

- 1. Battle of Haldighati 1. Babur
- 2. Battle of Bilgram 2. Akbar
- 3. Revolt of Khusrau 3. Humayun
- 4. Battle of Khanwa 4. Jahangir

A B C D

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

Q33. Who was declared as the Emperor of India during the rebel of 1857?

- (a) Shah Alam II
- (b) Farukh Siyar
- (c) Bahadur Singh
- (d) Bahadur Shah II

Q34. Which one of the following battles was fought between Babar and the Rajputs in 1527?

- (a) The First Battle of Panipat
- (b) The Battle of Khanwa
- (c) The Battle of Ghagra
- (d) The Battle of Chanderi

Q35. Which of the following function or roles is/are NOT belong to Comptroller and Auditor General of India (CAG)?

- I. Upholding the Constitution of India and laws of Parliament in terms of financial administration
- II. Conduct audit of secret service expenditure
- III. Audits transactions of the Center and state governments related to debts
- IV. Auditing accounts related to Consolidated Fund of India

- (a) I & IV
- (b) Only II
- (c) II & IV
- (d) II & III

Q36. With reference to the Financial Emergency, consider the following statements.

1. The 38th Amendment Act of 1975 made the satisfaction of the president in declaring a Financial Emergency is final.
2. A proclamation declaring a financial emergency must be approved by both the Houses of Parliament within one month from the date of its issue.

Which of the statements given above is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 & 2
- (d) Neither 1 nor 2

Q37. Article 45 under the Directive Principles of State Policy in the Indian Constitution, provides for

- (a) Education for weaker sections of the country
- (b) Free and compulsory primary education
- (c) Giving financial assistance to less advanced states
- (d) Rights of minorities to establish educational institutions

Q38. Which of the Following Amendment, reduce the voting age from 21 to 18 years for the Lok Sabha and Assembly election?

- (a) 42nd Amendment Act
- (b) 52nd Amendment Act
- (c) 61st Amendment Act
- (d) 95th Amendment Act

Q39. Spruce and cedar are tree varieties of

- (a) Temperate deciduous forest
- (b) Temperate coniferous forest
- (c) Equatorial forest
- (d) Monsoon forest

Q40. A geographic region has the following distinct characteristics-

1. Clear skies and high temperatures
2. Hot, dry summers
3. Cool, wet winters

The above features are distinct characteristics of which one of the following?

- (a) Mediterranean type climate
- (b) China type climate
- (c) British type climate
- (d) None of the above

Q41. Consider the following statements about isotherms-

1. Isotherm is an imaginary line joining places having equal temperatures
2. Narrow spacing between isotherms indicate rapid change in temperature

Choose the correct answer using codes below-

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

Q42. Padma Bhushan, Kanak Rele was conferred with the award for her significant contribution to which of the following dance forms?

- (a) Mohiniyattam
- (b) Kuchipudi
- (c) Kathak
- (d) Bharatanatyam

Q43. Among the following, whose autobiography is 'Daughter of Destiny: An Autobiography'?

- (a) Kamala Das
- (b) Urvashi Butalia
- (c) Malala Yousafzai
- (d) Benazir Bhutto

Q44. Which of the following pairs is NOT correctly matched?

- (a) Pandit Hariprasad Chaurasia – Bamboo flute
- (b) Miyan Tansen – One of the nine jewels
- (c) Ustad Ali Akbar Khan – Sarode
- (d) Ustad Bismillah Khan – Sitar

Q45. Lowering of value of currency relative to a foreign reference currency is called _____.

- (a) Devaluation
- (b) Revaluation
- (c) Down valuation
- (d) Negative valuation

Q46. Consider the following statements

1. GDP of a country includes Production within the borders of the country by domestic as well as foreign firms
2. Indian GDP for FY24 to be in the range of 6-6.8 %.

Which of the statements given above is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

Q47. Which of the following is/are the function(s) of bile juice released from the liver?

- I. Make the food coming from stomach alkaline.
- II. Conversion of proteins into amino acids.
- III. Break down of fats into smaller globules.

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

Q48. Which of the following is not correct?

- (a) Members of Chlorophyceae are commonly called green algae
- (b) Members of Phaeophyceae are commonly called red algae
- (c) Members of Rhodophyceae are commonly called red algae
- (d) Members of Phaeophyceae are commonly called brown algae

Q49. Which of the following statement(s) is/are CORRECT?

- I. Carbon compounds linked by only single bond are called saturated compounds.
- II. Carbon compounds having double or triple bonds are called unsaturated compounds.
- III. Saturated carbon compounds are more reactive than unsaturated carbon compounds.

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

Q50. The apparent weight of a person in a lift which is moving down with uniform acceleration is _____.

- (a) greater than the weight when the person is stationary
- (b) twice the weight when the person is stationary
- (c) less than the weight when the person is stationary
- (d) same as the weight when the person is stationary

Q51. ABCD is a trapezium in which $AB \parallel DC$ and $AB = 6\text{cm}$, $BD = 8\text{cm}$, $CD = 12\text{cm}$, $AC = 10\text{cm}$, then $AD^2 + BC^2$ is equal to.

- (a) 230 cm^2
- (b) 356 cm^2
- (c) 324 cm^2
- (d) 308 cm^2

Q52. If $\operatorname{cosec}^2 x = 1 + Q^2$, then $\sin x + \tan^3 x \cos x = ?$

- (a) $(3 + Q^2)^{\frac{3}{2}}/Q$
- (b) $(1 + Q^2)^{\frac{1}{2}}/Q$
- (c) $(1 - Q^2)^{\frac{3}{2}}/Q^2$,
- (d) $(1 + Q^2)^{\frac{3}{2}}/Q^2$,

Q53. In a shopping mall, a discount of 15 percent is provided, and if the total payable amount after discount is more than Rs. 4700, then an additional discount of 37.5 percent is provided. Determine the final amount to be paid (in Rs.) by Akash, if he buys seven products each of price Rs. 800.

- (a) Rs. 2,500
- (b) Rs. 2,225.5
- (c) Rs.2975
- (d) RS. 3000

Q54. 24 men and 45 women can complete a piece of work in 16 days, while 16 men and 52 women can complete it in 20 days. In how many days can 24 men and 56 women complete the work?

- (a) 10
- (b) 15
- (c) 16
- (d) 18

Q55. The given table shows the consumption of grains in terms of kilograms of a small village per day over the given set of years. Study the table and answer the question that follows.

Year	Rice	Wheat	Maize	Barley
1998-2000	181	50	35	26
2003-2005	167	44	39	17
2008-2010	169	38	49	25
2013-2015	150	45	51	21
2018-2020	147	54	63	24

For wheat grains for the given set of years, the highest consumption is approximately how much per cent of that of all grains consumption per day in such a set of years?

- (a) 13.52%
- (b) 18.75%
- (c) 15.32%
- (d) 17.85%

Q56. The table given below shows the number of toys manufactured by five factories.

Factory	Toys
F1	250
F2	450
F3	350
F4	150
F5	550

Number of toys manufactured by F2 are what percent of the number of toys manufactured by F1?

- (a) 200 percent
- (b) 100 percent
- (c) 180 percent
- (d) 50 percent

Q57. Aman purchased a bag with 20% discount on the labelled price. He sold it with 33% profit on the price he bought. The percentage of profit on the labelled price is.

- (a) 10%
- (b) 14.5%
- (c) 6.4%
- (d) 8.3%

Q58. Find the value of $\sin 15^\circ \sin 45^\circ \sin 75^\circ \sin 30^\circ$.

- (a) 2
- (b) $\frac{1}{8\sqrt{2}}$
- (c) $\frac{1}{16}$
- (d) 0

Q59. Find smallest number which when divided successively by 7, 6 and 3 leave remainder 5, 3 and 2.

- (a) 106
- (b) 110
- (c) 108
- (d) 105

Q60. If $(a + b) : (b + c) : (c + a) = 4 : 9 : 7$ and $3a + 4b + 7c = 399$, then the value of c will be.

- (a) 49
- (b) 35
- (c) 38
- (d) 42

Q61. The total surface area of a right pyramid, with base as a square of side 6cm, is 312 cm^2 . What is the slant height of pyramid (nearest perfect number in cm) ?

- (a) 19cm
- (b) 25 cm
- (c) 23 cm
- (d) 21cm

Q62. A reservoir is in the shape of a frustum of a right circular cone. It is 14 cm radius of top side and 6 cm radius of bottom side. Its depth is 63 cm. find the capacity of reservoir.

- (a) 32454 cm^3
- (b) 38280 cm^3
- (c) 24014 cm^3
- (d) 20856 cm^3

Q63. If $\tan 45^\circ - 3\tan^2 15^\circ \tan 45^\circ + 4\tan^3 15^\circ = 3\tan 15^\circ$, find the value of $2\cos \frac{4\theta}{2}$

- (a) $\sqrt{2}$
- (b) 1
- (c) $\sqrt{3}$
- (d) $\frac{\sqrt{3}}{2}$

Q64. What is the ratio of the average between 16.9 and 32.4 and the third proportional of 5 and 8?

- (a) 3.2 : 6.2
- (b) 6.2 : 3.2
- (c) 11.7 : 6.4
- (d) 3.2 : 12.8

Q65. If $ax - 5y = -9$ has a slope of $-7/5$. What is the value of a ?

- (a) 8
- (b) 7
- (c) -8
- (d) -7

Q66. A sum of Rs 1157308 is invested for 14 months at 12% per annum compounded half-yearly. What is the percentage gain at the end of 15 months, to the nearest whole number?

- (a) 14%
- (b) 15%
- (c) 16%
- (d) 17%

Q67. The average of 20 numbers is 75. The average of first 8 numbers is 70 and the average of next 9 numbers is 75. 18th number is 5 less than the 19th number and 19th number is 3 more than the 20th number, then what is average of 18th and 20th numbers?

- (a) 81
- (b) 87
- (c) 85
- (d) 74

Q68. The ratio of two positive numbers is 9:7. Their product is 12348. What is the average of reciprocal of the two positive numbers?

- (a) $\frac{11}{250}$
- (b) $\frac{14}{252}$
- (c) $\frac{4}{441}$
- (d) $\frac{16}{251}$

Q69. The speed of a boat in still water is 9km/h. It goes 36km downstream and comes back to the starting point in 14.4 hours. What is the speed of the stream in km/h?

- (a) 3
- (b) 3.5
- (c) 4.5
- (d) 6

Q70. A girl goes to her school with the speed of 12 km/hr and return with the speed of 4 km/hr. If she takes 8 hours in all, then the distance (in km) between the village and the school is:

- (a) 18km
- (b) 20km
- (c) 24km
- (d) 26km

Q71. A solid cylinder having radius of base as 8 cm and height as 40 cm is bisected from its height to get two identical cylinders. What will be the percentage increase in the total surface area?

- (a) 13.56
- (b) 16.66
- (c) 15.30
- (d) 14.32

Q72. If $x^2 - 9x + 1 = 0$, what is the value of $x^5 + \frac{1}{x^5}$?

- (a) 55449
- (b) 55549
- (c) 54549
- (d) 45450

Q73. Ankit alone takes 18 days to do a work and Chinu alone takes 15 days to do that work. If they start to work alternatively starting with Chinu then how many days will be required to complete the work?

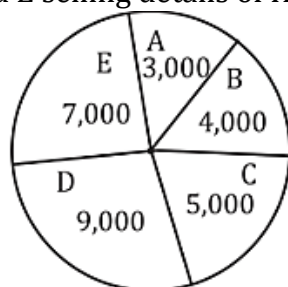
- (a) 8.25 days
- (b) 7.75 days
- (c) 16.33 days
- (d) 8 days

Q74. A number is increased by 30% and then decreased by 35% then find what is the percentage change in the value of the number?

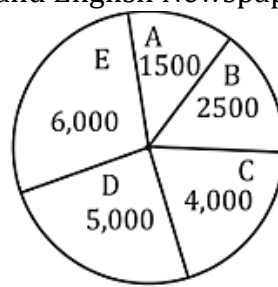
- (a) 16%
- (b) 20%
- (c) 15.5%
- (d) 17.5%

Directions (75-75): Study the following pie charts carefully and answer the questions.

In five localities A, B, C, D and E selling details of Hindi and English Newspaper.



English Newspaper



Hindi Newspaper

Q75. What is the difference between the average total sale of English newspaper and the average total sale of Hindi Newspaper in all the localities together?

- (a) 4100
- (b) 8200
- (c) 1800
- (d) 7000

Q76. Select the most appropriate ANTONYM of the word 'innovative' in the given sentence.

The company's new product has been praised for its **innovative** design, while the competitors' products are considered outdated.

- (a) Stale
- (b) Creative
- (c) Progressive
- (d) Cutting-edge

Q77. Select the correct passive form of the given sentence.

The management will review the new proposals for web designing next week.

- (a) The new proposals for web designing had been reviewed by the management next week.
- (b) The new proposals for web designing will have been reviewed by the management next week.
- (c) The new proposals for web designing are being reviewed by the management next week.
- (d) The new proposals for web designing will be reviewed by the management next week.

Q78. Select the most appropriate synonym of the given word.

Reclusive

- (a) Withdrawn
- (b) Outgoing
- (c) Sociable
- (d) Gregarious



Q79. Select the correct direct form of the given sentence.

The doctor said, "He could play in the match."

- (a) The doctor said that he might play in the match.
- (b) The doctor said that he could play in the match.
- (c) The doctor said that he could be playing in the match.
- (d) The doctor said that he would play in the match.

Q80. Choose the option that can substitute the highlighted segment correctly and complete the meaning of the sentence.

The speaker delivered an **eloquent** speech that moved the audience to tears.

- (a) Persuasive
- (b) Articulate
- (c) Fluently
- (d) Coherent

Q81. Select the most appropriate ANTONYM of the given word.

Flexible

- (a) Elastic
- (b) Supple
- (c) Pliable
- (d) Stiff

Q82. Select the appropriate option to replace the highlighted word with the adverb of manner.

He played the guitar **skilfully**.

- (a) Tomorrow
- (b) Carefully
- (c) Often
- (d) There

Q83. Select the most appropriate ANTONYM of the given word.

Arrogance

- (a) Concealment
- (b) Humility
- (c) Exposure
- (d) Secrecy

Q84. Select the option that can be used as a one-word substitute for the given group of words.

A person who is excessively concerned with their appearance

- (a) Vain
- (b) Flamboyant
- (c) Narcissist
- (d) Hedonist

Q85. The question below consists of a set of labelled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph.

P. A morning routine can set the tone for the entire day.

Q. In this way, you can tackle the most important tasks first.

R. Having a well-structured morning routine can help you prioritize your work.

S. It allows you to be more focused and productive throughout the day.

- (a) RQSP
- (b) PSRQ
- (c) QPSR
- (d) SQPR

Q86. Rearrange the parts of the sentence in the correct order.

In the dense forest,

P. a strange creature

Q. many travellers claimed to have seen

R. which was said to possess

S. supernatural abilities

- (a) QPRS
- (b) PQRS
- (c) SQPR
- (d) PSQR

Q87. Select the option that expresses the given sentence in passive voice.

The storm damaged the entire village.

- (a) The entire village was damaged by the storm.
- (b) The entire village damaged the storm.
- (c) The entire village had been damaged by the storm.
- (d) The entire village was being damaged by the storm.

Q88. Choose the correct meaning of the given idiom.

To play second fiddle

- (a) To make a decision without considering consequences
- (b) To refuse to participate in an activity
- (c) To take on a supporting role to someone
- (d) To engage in an activity with great enthusiasm.

Q89. Select the most appropriate option to fill in the blank.

She couldn't help but _____ at the comedian's jokes.

- (a) laugh
- (b) frown
- (c) sneer
- (d) glare

Q90. Choose the incorrectly spelled word.

- (a) Exaggeration
- (b) Exasperate
- (c) Expedition
- (d) Exceedingly

Q91. Select the most appropriate meaning of the highlighted idiom that can be substituted in the following sentence.

He was **skating on thin ice** by criticizing his boss openly.

- (a) attempting a dangerous activity
- (b) enjoying a winter sport
- (c) lacking confidence
- (d) behaving cautiously

Q92. Rectify the sentence by selecting the correct spelling of the highlighted word.

He carefully walked along the ledge of the **precipe**.

- (a) presipe
- (b) precepe
- (c) precipice
- (d) precipise

Q93. Select the most appropriate option to fill in the blank.

The new restaurant offers a _____ menu with a variety of dishes.

- (a) diverse
- (b) uniform
- (c) monotonous
- (d) tedious

Q94. The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

She was surprised by the sudden appearance of her old friend.

- (a) by the sudden appearance
- (b) No error
- (c) She was surprised
- (d) of her old friend

Q95. A sentence has been given with a blank to be filled with an appropriate word. Choose the correct alternative.

The coach encouraged the team members to _____ their best efforts in the upcoming match.

- (a) put forth
- (b) retreat
- (c) withhold
- (d) diminish

Directions (96-100): In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

A book is a (1) _____ of knowledge. It is a means of acquiring information, and (2) _____ that information to others. Books not only provide a wealth of information but also (3) _____ us to think, to question, and to (4) _____ our minds to new ideas and concepts. They help us grow and evolve, both intellectually and emotionally. It is often said that a good book is like a (5) _____ friend, providing guidance, support, and inspiration when we need it most.

Q96. Select the most appropriate option to fill in blank number 1.

- (a) repository
- (b) dissipator
- (c) competitor
- (d) contradiction

Q97. Select the most appropriate option to fill in blank number 2.

- (a) delegating
- (b) confiscating
- (c) dissipating
- (d) disseminating

Q98. Select the most appropriate option to fill in blank number 3.

- (a) challenge
- (b) impede
- (c) curtail
- (d) prohibit

Q99. Select the most appropriate option to fill in blank number 4.

- (a) obscure
- (b) constrict
- (c) expand
- (d) diminish

Q100. Select the most appropriate option to fill in blank number 5.

- (a) fair-weather
- (b) distant
- (c) treasured
- (d) loathed

Solutions

S1. Ans.(b)

Sol.

The pattern is

0.20 ,0.25, 0.30, 0.35, 0.40, 0.45, 0.50

$\frac{1}{5}, \frac{1}{4}, \frac{3}{10}, \frac{7}{20}, \frac{2}{5}, \frac{9}{20}, \frac{1}{2}$

S2. Ans.(d)

Sol.

<i>P I N U O W N</i>	<i>P I C K E L</i>	<i>O R E G I O N</i>
↓ ↓ ↓ ↓ ↓ ↓	↓ ↓ ↓ ↓ ↓ ↓	↓ ↓ ↓ ↓ ↓ ↓
<i>Q F O R L X O</i>	<i>Q F D L B M</i>	<i>L S B F F L O</i>
+1 -3 +1 -3 -3 +1 +1	+1 -3 +1 +1 -3 +1	-3 +1 -3 +1 -3 -3 +1

Pattern ⇒ Consonant → +1
Vowel → -3

S3. Ans.(c)

Sol.

<i>P R A N E</i>	<i>B E L O P R</i>	<i>T A K I N G</i>
↓ ↓ ↓ ↓ ↓	↓ ↓ ↓ ↓ ↓ ↓	↓ ↓ ↓ ↓ ↓ ↓
13 15 1 11 2	24 2 9 4 13 15	17 1 8 3 11 4

Pattern → constant → -3
A E I O U
Vowel → ↓ ↓ ↓ ↓ ↓
1 2 3 4 5

S4. Ans.(c)

Sol.

$$\begin{aligned}20 + 2 \times 40 - 5 &= 95 \\ \Rightarrow 20 + 80 - 5 &= 95 \\ \Rightarrow 95 &= 95 \rightarrow \text{correct}\end{aligned}$$

S5. Ans.(d)

Sol.

Sum of all are prime number except (d)

$11+26=37$, It is a Prime Number.

$12+35=47$

$15+32=47$

S6. Ans.(d)

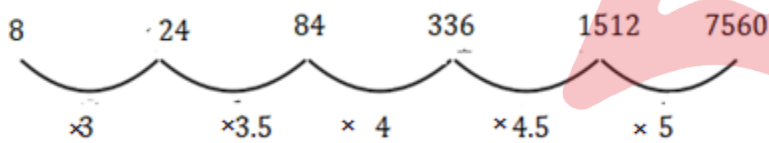
S7. Ans.(d)

Sol. All except (d) are used in semi-conductor devices

S8. Ans.(b)

S9. Ans.(b)

Sol. The pattern is



S10. Ans.(a)

S11. Ans.(c)

Sol. Difference of 4 and 8 in given set; then the difference of 3 and 6 is in the right option

S12. Ans.(d)

Sol.

(a) $15 - 208 \Rightarrow 15^2 - 17 = 208$

(b) $18 - 305 \Rightarrow 18^2 - 19 = 305$ followed same pattern

(c) $24 - 547 \Rightarrow 24^2 - 29 = 547$

(d) $12 - 139 \Rightarrow 12^2 - 13 = 131$ not equal 139

$|12 - 139| \rightarrow$ Different from rest

S13. Ans.(b)

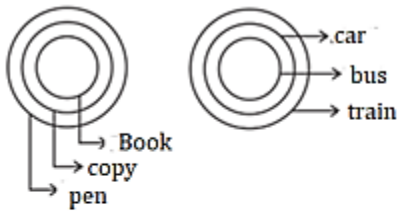
Sol. 1,3,2,4

S14. Ans.(d)

Sol. The scientific name of the Horse is Equus Caballus. Similarly, the Scientific name of Cat is Felis Catus.

S15. Ans.(b)

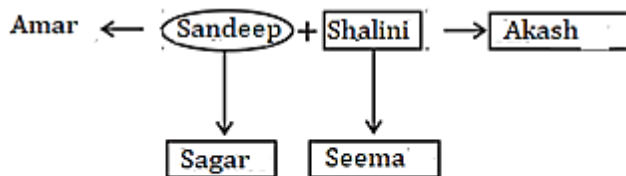
Sol.



- I. ✓
- II. ×
- III. ✓
- IV. ×

S16. Ans.(a)

Sol.



Seema is the sister of Sagar.

S17. Ans.(a)

S18. Ans.(c)

Sol.

$$(18 + 4) \times \frac{18}{2} = 198$$

$$(16 + 4) \times \frac{16}{2} = 160$$

Similarly,

$$(22 + 4) \times \frac{22}{2} = 286$$

S19. Ans.(b)

S20. Ans.(b)

Sol.

1st term in the series is 8.

Second term in the series is obtained using the logic $16 = 8 + 8 - 0^3$

Third term in the series is obtained using the logic $25 = 16 + 8 + 1^3$

Fourth term in the series is obtained using the logic $26 = 25 + 8 + 1^3 - 2^3$

Fifth term in the series is obtained using the logic $54 = 26 + 8 + 1^3 - 2^3 + 3^3$

Sixth term in the series is obtained using the logic $18 = 54 + 8 + 1^3 - 2^3 + 3^3 - 4^3$

Seventh term in the series is obtained using the logic $107 = 18 + 8 + 1^3 - 2^3 + 3^3 - 4^3 + 5^3$

S21. Ans.(b)

Sol.

In Column

$$2^{\text{nd}} \text{ number} \times 2 - (\text{Its Number} - \text{IInd number}) = 3^{\text{rd}} \text{ number}$$

S22. Ans.(a)

Sol. +7, +4, +3 pattern followed.

S23. Ans.(d)

Sol.

$$19 + 30 + 24 \rightarrow 1095$$

$$73 \rightarrow 1095$$

$$1 \rightarrow 15$$

A.T.Q

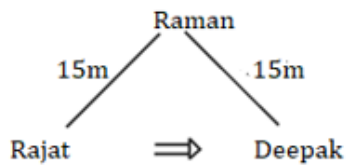
$$(30 + 24) \times 15$$

$$\Rightarrow 54 \times 5$$

$$\Rightarrow 810$$

S24. Ans.(d)

Sol.



S25. Ans.(d)

Sol.

Case (1)

If Abhijeet is the only son of his father, then the family tree is :

Father



Aman ⇒ Daughter in law



Radha

Then, Aman is the father of Radha.

Case (2)

If Aman has a brother, then the family tree is :

Father



Brother = Daughter in law



Radha

Then, Aman is uncle of Radha

S26. Ans.(c)

Sol. Correct answer is (c)

- According to the 6th Annual World Air Quality Report, Begusarai has emerged as the most polluted metropolitan area globally in 2023.
- India is among the world's top three most polluted countries in 2023, according to the 6th Annual World Air Quality Report released by IQAir..
- IQAir uses data from both government sources, such as air-quality data from regulatory bodies like the US Environmental Protection Agency, and lower-cost sensors like the ones it produces. While regulatory monitors can be expensive, IQAir and similar sensors cost only a few hundred dollars.
- The report analyzed data from over 30,000 air quality monitoring stations worldwide and indicates a concerning situation for India's environment and public health. The report says India's average PM2.5 concentration is more than ten times the World Health Organization's (WHO) annual guideline, ranking India behind only Bangladesh and Pakistan in the list of the most polluted countries.

S27. Ans.(a)

Sol. Correct answer is (a)

- Noted Malayalam poet and author Prabha Varma has been selected for the prestigious 33rd Saraswati Samman for the year 2023. He won the award for his novel in verse 'Roudra Sathwikam' published in 2022.
- The Saraswati Samman, instituted by the K.K. Birla Foundation in 1991, is one of the highest literary honors in India. It recognizes outstanding literary works in any of the Indian languages published in the last 10 years.
- Some of his notable works are the poetry collections 'Souparnika', 'Arkkapoornima', 'Shyama Madhavam', novels 'Chandana Nazhi', 'Aardram', and 'Kanal Chilambu'. He writes in both English and Malayalam.
- Varma has received several prestigious awards including the Kerala Sahitya Akademi Award, Kendra Sahitya Akademi Award, Vayalar Award, and State and Filmfare awards for best lyrics.

S28. Ans.(b)

Sol. Correct answer is (b)

Uttar Pradesh Police has launched the state-of-the-art digital platform Trinetra App 2.0 to help in the investigation and crackdown on criminals. Trinetra App 2.0 has been designed to help in crime prevention and investigation in the state.

Artificial Intelligence (AI) solutions company Staqu Technologies has launched AI powered Crime GPT Trinetra 2.0. This tool works in collaboration with the UP government and the Special Task Force.

S29. Ans.(c)

Sol. The organization that released the State of the Global Climate 2023 report is (c) World Meteorological Organization (WMO).

Key Highlights of the Report:

- The heat content of the world's oceans reached a record high in 2023, with the highest level of ocean heat content ever recorded.
- This increase in ocean heat content is attributed to anthropogenic climate drivers such as greenhouse gas (GHG) emissions and changes in land use.

- Global average sea-surface temperatures (SST) were at a record high in 2023, with several months breaking previous records by significant margins.
- Exceptional heating was observed in various regions including the eastern North Atlantic, the Gulf of Mexico, the Caribbean, the North Pacific, and large areas of the Southern Ocean.

S30. Ans.(a)

Sol. Correct answer is (a)

The 3rd edition of North East Games 2024 commenced in Nagaland at Regional Centre for Sporting Excellence, Sovima. Nagaland Chief Minister Neiphiu Rio inaugurated the event. Over 3000 athletes from eight North Eastern states compete in 15 disciplines across three districts. Host Nagaland won the opening football match against Tripura. Manipur also secured victory in Sepaktakraw Men's event against Mizoram. The games feature sports like archery, athletics, badminton, basketball, boxing, football, lawn tennis, Pencak Silat, table tennis, taekwondo, volleyball, and wushu.

S31. Ans.(c)

Sol. The Poona Pact refers to an agreement between B. R. Ambedkar and M. K. Gandhi made on 24 September 1932 at Yerwada Central Jail in Poona, India. It was signed by Madan Mohan Malviya, Ambedkar and some other leaders as a means to end the fast that Gandhi was undertaking at the jail.

S32. Ans.(a)

Sol. The correctly matched list is as follows-

- Battle of Haldighati - Akbar (against Rana Pratap)
- Battle of Bilgram - Humayun (against Sher Shah)
- Revolt of Khusrau - Jahangir
- Battle of Khanwa - Babur

S33. Ans.(d)

Sol. The British sent Bahadur Shah II, the last Mughal Emperor, out of India, and kept him in Yangon (then called Rangoon), Burma where he died in 1862. The Mughal dynasty, which had ruled India for about four hundred years, ended with his death.

S34. Ans.(b)

Sol. Battle of Khanwah in 1527 was the battle between the invading forces of the first Mughal Emperor Babur and the Rajput forces led by Rana Sanga of Mewar in Rajasthan.

S35. Ans.(b)

Sol. The expenditure of secret service is out of the purview of CAG. And if at all it wants to audit some parts, it needs a permission from the competent authority.

S36. Ans.(a)

Sol. A proclamation declaring a financial emergency must be approved by both the Houses of Parliament within two months from the date of its issue.

S37. Ans.(b)

Sol. Article 45 under Directive Principles of State Policy laid down the foundation stone of free and compulsory education in the country. The article states that “ the state shall endeavour to provide, within a period of ten years from the commencement of this constitution, for free and compulsory education for all children until they complete the age of fourteen years”

S38. Ans.(c)

Sol. The 61st Amendment Act 1989 reduces the voting age from 21 years to 18 years for the Lok Sabha and Assembly election.

S39. Ans.(b)

Sol. It refers to a plant community which has grown naturally without human aid and has been left undisturbed by humans for a long time.

- It is also called as virgin vegetation.

S40. Ans.(a)

Sol. Mediterranean Climate is characterised by Clear skies and high temperatures; hot, dry summers and cool, wet winters.

- Mean annual precipitation ranges from 35 - 90 cm.
- Temperature of warmest month greater than or equal to 10° C.
- Temperature of coldest month is less than 18° C but greater than -3° C
- Climate is not extreme because of cooling from water bodies.

S41. Ans.(c)

Sol. Isotherm is an imaginary line joining places having equal temperatures. The horizontal or latitudinal distribution of temperature is shown with the help of a map with isotherms. Effects of altitude is not considered while drawing an isotherm. All the temperatures are reduced to sea levels. General characteristics of isotherms-

- Generally follow the parallels: Isotherms have close correspondence with the latitude parallels mainly because the same amount of insolation is received by all the points located on the same latitude.
- Sudden bends at ocean – continent boundaries: Due to differential heating of land and water, temperatures above the oceans and landmasses vary even on the same latitude. (we have seen how land sea differential effects temperature distribution)
- Narrow spacing between isotherms indicate rapid change in temperature (high thermal gradient).
- Wide spacing between isotherms indicate small or slow change in temperatures (low thermal gradient).

S42. Ans.(a)

Sol. Kanak Rele is an Indian dancer, choreographer, and academic best known as an exponent of Mohiniyattom.

- Rele is also a Kathakaliartiste having been trained under Guru "Panchali" Karunakara Panicker since the age of seven.
- In 2013, she was conferred the Padma Bhushan by the Government of India.

S43. Ans.(d)

Sol. 'Daughter of Destiny: An Autobiography' is an autobiography of Benazir Bhutto, a Pakistani politician who served as the 11th and 13th prime minister of Pakistan from 1988 to 1990 and again from 1993 to 1996.

She was the first woman elected to head a democratic government in a Muslim-majority country.

S44. Ans.(d)

Sol. Ustad Bismillah Khan – Sitar, From the given pairs, this is not matched correctly.

- Ustad Bismillah Khan was an Indian musician who played the shehnai, a reeded woodwind instrument.
- He was awarded India's highest civilian honour, the Bharat Ratna, in 2001, becoming the third classical musician of India after M. S. Subbalakshmi and Ravi Shankar to be awarded the Bharat Ratna.

S45. Ans.(a)

Sol. Devaluation is a deliberate downward adjustment to the value of a country's currency relative to another currency.

S46. Ans.(c)

Sol. GDP= Production within the borders of country by domestic as well as foreign firms

- $GNP = GDP + \text{Net factor income from abroad}$
- As per latest economic survey India's GDP growth is expected to remain robust in FY24. GDP forecast for FY24 to be in the range of 6-6.8 %.

S47. Ans.(c)

Sol. Bile breaks down large fat globules into smaller globules in the small intestine so that the pancreatic enzymes can easily act on them. This process is known as emulsification of fats. Bile juice also makes the medium alkaline and activates lipase.

S48. Ans.(b)

Sol. The members of Phaeophyceae are popularly called brown algae. Members of Chlorophyceae are commonly called green algae. The Rhodophyceae or the Red algae is probably the oldest groups of Eukaryotic Algae.

S49. Ans.(a)

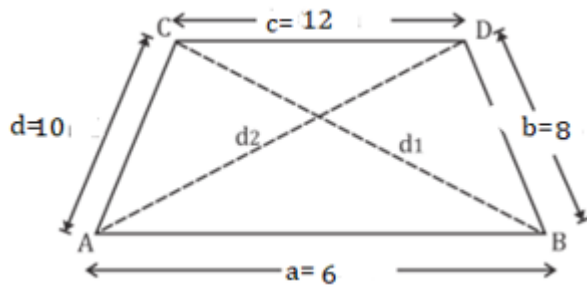
Sol. Unsaturated compounds contains pi-bond (weak bond) in them which can be easily break during chemical reactions when compared to sigma bond. Whereas saturated compounds contains no pi-bond and contains all sigma bonds which makes them comparatively less reactive.

S50. Ans.(c)

Sol. The apparent weight of a person in a lift which is moving down with uniform acceleration is less than the weight when the person is stationary.

S51. Ans.(d)

Sol.



Formula :

$$d_1^2 + d_2^2 = b^2 + d^2 + 2ac \text{ [Property]}$$

$$d_1^2 + d_2^2 = 10^2 + 8^2 + 2 \times 6 \times 12$$

$$= 100 + 64 + 144$$

$$d_1^2 + d_2^2 = 308 \text{ cm}^2$$

S52. Ans.(b)

Sol.

$$\operatorname{cosec}^2 x = (1 + Q^2)$$

$$\cot^2 x + 1 = 1 + Q^2$$

$$\cot x = Q$$

$$\sin x + \tan^3 x \cos x$$

$$\sin x + \frac{\sin^3 x}{\cos^3 x} \cos x$$

$$\tan x \sec x = (b) (1 + Q^2)^{\frac{1}{2}} / Q$$

S53. Ans.(c)

Sol.

According to question,

$$\text{Total price of product} = 7 \times 800 = \text{Rs. } 5600$$

$$\text{After first Discount} = 5600 \times \frac{85}{100} = \text{Rs. } 4760$$

$$\text{After second Discount} = 4760 \times \frac{62.5}{100} = \text{Rs. } 2975$$

S54. Ans.(b)

Sol.

$$\text{Total work} = 16 \times (24M + 45W) = (16M + 52W) \times 20$$

$$= 96M + 180W = 80M + 260W$$

$$16M = 80W$$

$$\frac{M}{W} = \frac{5}{1}$$

$$\text{Total work} = \{24(5) + 45(1)\}16$$

$$= 2640$$

$$\Rightarrow \frac{2640}{24(5) + 45(1)}$$

$$\Rightarrow \frac{2640}{176} = 15 \text{ Days}$$

S55. Ans.(b)

Sol.

According to question,

$$\frac{54}{288} \times 100 = 18.75\%$$

S56. Ans.(c)

Sol.

$$F_2 : F_1$$

$$450 : 250$$

$$\frac{450}{250} \times 100 = 180\%$$

S57. Ans.(c)

Sol.

According to question

If SP = 40

$$\left. \frac{MP}{SP} = \frac{50}{40} \right) 20\% \text{ Discount}$$

$$\text{To gain } 33\% \text{ New SP} = \frac{40 \times 133}{100} = 53.2$$

$$\text{Profit on the market price} = \frac{53.2 - 50}{50} \times 100 = 6.4\%$$

S58. Ans.(b)

Sol.

$$\sin 15^\circ \sin 45^\circ \sin 75^\circ \sin 30^\circ$$

$$\text{at } \theta = 15^\circ, \quad \sin \theta \sin(60 - \theta) \sin(60 + \theta) = \frac{1}{4} \sin 3\theta$$

$$\Rightarrow \frac{1}{4} \sin(3 \times 15^\circ) \times \sin 30^\circ$$

$$\Rightarrow \frac{1}{4} \sin 45^\circ \times \sin 30^\circ$$

$$= \frac{1}{8\sqrt{2}}$$

S59. Ans.(b)

Sol.

A.T.Q

7	110	5
6	15	3
3	2	2
	0	

So, the Number is 110.

S60. Ans.(d)

Sol.

Let the ratio be $4x$, $9x$ and $7x$

A.T.Q

$$4x + 9x + 7x \rightarrow 20x$$

$$2(a + b + c) = 20x$$

$$a + b + c = 10x$$

$$c = 6x$$

$$b = 3x$$

$$a = x$$

Also,

$$3(x) + 4(3x) + 7(6x) = 399$$

$$3x + 12x + 42x = 399$$

$$57x \rightarrow 399$$

$$x \rightarrow 7$$

$$C = 6x = 42$$

S61. Ans.(c)

Sol.

According to question,

$$312 = \text{lateral surface area} + a^2 \quad (\text{where } a \text{ is the side of square})$$

$$312 - 36 = \text{lateral surface area}$$

$$\text{Lateral surface area} = 276$$

Again,

$$276 = \frac{1}{2} \times 4 \times 6 \times \text{slant height}$$

$$\text{Slant height} = 22.9 = 23 \text{ cm}$$

S62. Ans.(d)

Sol.

$$\text{Volume of the frustum} = \frac{1}{3} \pi h (r^2 + R^2 + rR)$$

$$\Rightarrow \frac{1}{3} \times \frac{22}{7} \times 63 \times (196 + 36 + 84) \Rightarrow 20856 \text{ cm}^3$$

S63. Ans.(c)

Sol.

$$\text{Given: } \tan 45^\circ (1 - 3\tan^2 15^\circ) = 3\tan 15^\circ - 4\tan^3 15^\circ$$

$$\tan 45^\circ = \frac{3\tan 15^\circ - 4\tan^3 15^\circ}{1 - \tan^2 15^\circ}$$

$$\theta = 15$$

$$\text{Required} \Rightarrow 2\cos \frac{4 \times 15}{2} = \sqrt{3}$$

S64. Ans.(c)

Sol.

Mean proportion = $a : b :: b : c$

$$b = \sqrt{ac}$$
$$= \sqrt{16.9 \times 32.4}$$
$$= 23.4$$

Third proportion = $a : b :: b : C$

$$c = \frac{b^2}{a}$$
$$= \frac{64}{5} = 12.8$$

Ratio

$$\frac{23.4}{1} : \frac{12.8}{1} \Rightarrow 11.7 : 6.4$$

S65. Ans.(d);

Sol.

$$ax - 5y = -9$$
$$\Rightarrow 5y = ax + 9$$
$$\Rightarrow y = \frac{a}{5}x + \frac{9}{5}$$

Equation, $y = mx + c$

$$\therefore \text{slope} = \frac{a}{5} = \frac{-7}{5}$$
$$\therefore a = -7$$

S66. Ans.(c)

Sol.

Rate = 12%

Half year Rate = 6%

Time 2 half years and 3 months

$$\text{Rate for 3 months} = \frac{12}{12} \times 3 = 3\%$$

Principle	amount
100	106
100	106

100 103

----- -----

1000000 1157308

Gain $1157308 - 1000000 = 157308$

$$\text{Gain \%} = \frac{157308}{1000000} \times 100$$
$$= 15.7308$$

Approx. = 16%



S67. Ans.(b)

Sol.

Let the 20th number = x

So, 19th number = x + 3

18th number = x + 3 - 5 = x - 2

$$\frac{8 \times 70 + 9 \times 75 + (x-2) + (x+3) + x}{20} = 75$$

$$\text{Or, } 3x = 1500 - 1236$$

$$\text{Or, } x = 88$$

$$\text{Average of 18th and 20th number} = \frac{x-2+x}{2} = (x-1) = 87$$

S68. Ans.(c)

Sol.

Ratio of two positive number = 9:7

Let the numbers are 9x and 7x

Product of 9x and 7x = 12348

$$9x \times 7x = 12348$$

$$x^2 = 196$$

$$x = 14$$

$$= \frac{1}{9x} + \frac{1}{7x} = \frac{16}{63x}$$

$$\text{Average} = \frac{16}{63x \times 2} = \frac{16}{63 \times 14 \times 2} = \frac{4}{441}$$

S69. Ans.(d)

Sol.

Let the speed of stream = x km/h

$$\frac{36}{9+x} + \frac{36}{9-x} = 14.4$$

$$\frac{2 \times 36 \times 9}{9^2 - x^2} = 14.4$$

$$x = 6 \text{ km/h}$$

S70. Ans.(c)

Sol.

Let the distance be d.

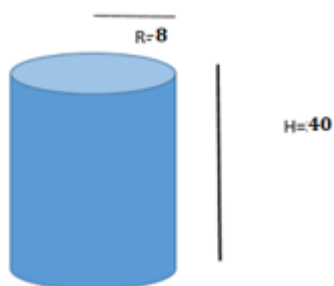
$$\frac{d}{12} + \frac{d}{4} = 8$$

$$\Rightarrow \frac{4d}{12} = 8$$

$$\Rightarrow d = 24 \text{ km.}$$

S71. Ans.(b)

Sol.



$$\text{Total surface area} = 2\pi RH + 2\pi R^2 = 2\pi \times 8 \times 40 + 2 \times \pi \times 8^2 = 2411.52 \text{ cm}^2$$

Now, cylinder is bisected into two similar half of equal radius 8cm and height 20cm



$$\text{New total surface area} = 2 \times (2\pi Rh + 2\pi R^2) = 2 \times (2 \times \pi \times 8 \times 20 + 2 \times \pi \times 8^2) = 2813.44 \text{ cm}^2$$

$$\% \text{ increase in area} = \frac{2813.44 - 2411.52}{2411.52} \times 100 = 16.66\%$$

S72. Ans.(a)

Sol.

$$x^2 - 9x + 1 = 0$$

$$x^2 + 1 = 9x$$

$$x + \frac{1}{x} = 9$$

$$\text{so, } x^2 + \frac{1}{x^2} = 79$$

$$\text{and, } x^3 + \frac{1}{x^3} = 702$$

ATQ,

$$x^5 + \frac{1}{x^5} = \left(x^2 + \frac{1}{x^2}\right) \times \left(x^3 + \frac{1}{x^3}\right) - \left(x + \frac{1}{x}\right) = 79 \times 702 - 9 = 55449$$

S73. Ans.(c)

Sol.

Let total work be 90 units (LCM of 18 and 15)

Efficiency of Ankit = 5 units/day

Efficiency of Chinu = 6 units/day

Starting with Chinu, we have

In 16 days, they will do 88 units

So, required number of days = $16 + \frac{2}{6} = 16\frac{1}{3}$ days

S74. Ans.(c)

Sol.

Let the number be $100x$

Then the new number = $100x \times 1.3 \times .65 = 84.5x$

Percentage change in the value = $\frac{100x - 84.5x}{100x} \times 100 = 15.5\%$

S75. Ans.(c)

Sol.

A.T.Q

Average of English newspaper = 5600

Average of hindi newspaper = 3800

$$\Rightarrow (5600) - (3800)$$

$$= 1800$$

S76. Ans.(a)

Sol. The most appropriate antonym of the word '**innovative**' in the given sentence is (a) **Stale**, as it means lacking freshness, originality, or interest, which is the opposite of **innovative**, which means introducing new ideas or methods.

- **Synonyms:** creative, original, inventive, imaginative, ingenious, fresh.
- **Antonyms:** unoriginal, conventional, traditional, predictable, **stale**.

Meanings of the other given words:

- **Creative:** relating to or involving the imagination or original ideas, especially in the production of artistic work.
- **Progressive:** favoring or advocating progress, change, improvement, or reform, especially social or political reform.
- **Cutting-edge:** the newest, most advanced stage in the development of something.

S77. Ans.(d)

Sol. Sol. Active Voice- It denotes that the noun or pronoun that acts as the subject in the sentence is the doer of the action. In other words, the subject performs the action or acts upon the verb.

Passive Voice- represents that the subject is one acted upon by the action or verb in the sentence. It can also be said that the passive voice indicates that the subject in the sentence is no longer active but passive.

- The sentence is an example of active voice having form:
- Subject + will+ v1+ object.
- When it is converted into passive voice, following rule must be followed:
- Object+ will+ be +V3+ by + subject.

S78. Ans.(a)

Sol. Reclusive: avoiding the company of other people; solitary.

- **Withdrawn:** tending to avoid other people; reserved; introverted.
- The most appropriate synonym of the given word 'Reclusive' is (a) Withdrawn.
- **Synonyms:** solitary, introverted, **withdrawn**, isolated, reticent.
- **Antonyms:** outgoing, sociable, gregarious, extroverted.

Meanings of the other given words:

- **Outgoing:** friendly and socially confident; extroverted.
- **Sociable:** willing to talk and engage in activities with other people; friendly.
- **Gregarious:** fond of company; sociable.

S79. Ans.(b)

Sol. The correct answer is option b.

- The given sentence is 'Direct Speech'.
- **Direct Speech** - Reporting the message of the speaker in the exact words as spoken by him.
- The given sentence is an 'Assertive Sentence.'
- Sentences that make a statement are called assertive sentences. These sentences may be positive, negative, false, or true statements.
- While changing it into an indirect form, we consider following rules.
- Reported Verb - 'Said' remains unchanged.
- Conjunction - In the Assertive sentence conjunction 'That' is used.
- Tense - Could remain unchanged.
- The sentence thus formed is - The doctor said that he could play in the match.

S80. Ans.(b)

Sol. Eloquent refers to having or showing the ability to use language clearly, effectively, and persuasively, especially in speaking or writing.

- The option that can substitute the highlighted segment correctly and complete the meaning of the sentence is option (b) **Articulate**, as it means expressing oneself clearly and effectively, which is similar to eloquent.
- The other options, such as persuasive, fluently, and coherent, convey related but not identical meanings, and do not fully capture the sense of skill and power in expression conveyed by eloquent.
- **Persuasive**: able to convince someone to do or believe something; convincing or effective.
- **Fluently**: able to express oneself easily and accurately in a language; smooth and effortless in speech or writing.
- **Coherent**: logical and consistent; able to communicate clearly and effectively.

S81. Ans.(d)

Sol. Flexible: able to bend or be reshaped easily; adaptable or versatile.

- **Stiff**: lacking flexibility or unable to bend or move easily.
- The most appropriate antonym of the given word 'Flexible' is (d) Stiff.
- **Synonyms**: supple, pliable, adaptable, versatile, bendable.
- **Antonyms**: stiff, inflexible, unbending, immovable, rigid.

Meanings of the other given words:

- **Elastic**: able to be stretched, compressed, or expanded and then return to its original shape.
- **Supple**: bending and moving easily and gracefully; flexible.
- **Pliable**: easily bent or shaped; flexible; adaptable.

S82. Ans.(b)

Sol. An adverb of manner describes how an action or event is done or performed. It modifies a verb and provides more information about how the action is carried out.

- In the given sentence, the verb 'played' is modified by the adverb 'skilfully', which describes how he played the guitar.
- Option (b) 'Carefully' is the appropriate adverb of manner to replace 'skilfully' as it conveys the sense of being attentive, cautious, and precise, which is similar to the meaning of skilfully.
- The other options, tomorrow, often, and there, do not convey any sense of manner, which is what an adverb of manner does.

S83. Ans.(b)

Sol. Arrogance: having an exaggerated sense of one's own importance or abilities; behaving in a proud, overbearing, or self-important manner.

- **Humility**: the quality of being modest or having a low view of one's importance.
- The most appropriate antonym of the given word 'Arrogance' is (b) Humility.
- **Synonyms**: conceit, haughtiness, hubris, pomposity, egotism.
- **Antonyms**: humility, modesty, meekness, deference, submission.

Meanings of the other given words:

- **Concealment**: the action of hiding something or preventing it from being known; secrecy.
- **Exposure**: the condition of being presented to view or made known; the act of revealing or uncovering.
- **Secrecy**: the condition of being kept secret or hidden; the act of keeping something confidential.

S84. Ans.(a)

Sol. Vain refers to having an excessively high opinion of oneself, one's abilities, or appearance, often without justification or merit. It can also refer to someone who is conceited, self-centered, or excessively proud, often to the point of being irritating or insufferable.

- Thus, the option that can be used as a one-word substitute for the given group of words is (a) Vain.

Meanings of the other given words are:

- **Flamboyant:** tending to attract attention because of one's exuberance, confidence, and stylishness; showy and colorful.
- **Narcissist:** a person who has an excessive interest in or admiration of themselves; an egotistical or self-centered person.
- **Hedonist:** a person who believes that pleasure and happiness are the primary or most important goals of life; someone who seeks pleasure or indulgence in sensory experiences.

S85. Ans.(b)

Sol. Sentence P introduces the topic of having a morning routine, which is further developed in S, where the benefits of being more focused and productive are explained.

- Sentence R follows logically from this, as it explains how having a well-structured morning routine can help you prioritize your work.
- Finally, sentence Q provides additional support for the idea by explaining how a morning routine can help you tackle important tasks first.
- The most logical order of the sentences to form a coherent paragraph is (b) PSRQ.

S86. Ans.(a)

Sol. The sentence begins with the claim made by many travellers that they have seen a strange creature in the dense forest, as mentioned in part Q.

- Part P provides additional information about the creature, while part R describes the creature as possessing supernatural abilities.
- Finally, part S provides a concluding statement about the creature's characteristics.
- The correct order of the parts of the sentence is (a) QPRS.

S87. Ans.(a)

Sol. Active Voice- It denotes that the noun or pronoun that acts as the subject in the sentence is the doer of the action. In other words, the subject performs the action or acts upon the verb.

Passive Voice- represents that the subject is one acted upon by the action or verb in the sentence. It can also be said that the passive voice indicates that the subject in the sentence is no longer active but passive.

- The sentence is an example of active voice having form:
- Sub + V₂ + obj.
- When it is converted into passive voice, following rule must be followed:
- Obj. + was/were + V₃ + by + obj.

S88. Ans.(c)

Sol. The correct meaning of the given idiom 'To play second fiddle' is (c) To take on a supporting role to someone. The idiom is often used to describe a situation where a person takes a secondary or subordinate role to another person or entity.

- Example: John was disappointed to learn that he would have to play second fiddle to his colleague in the upcoming project. Even though he had more experience and knowledge about the subject, his boss had assigned him a supporting role in the project.

S89. Ans.(a)

Sol. The most appropriate option to fill in the blank is (a) laugh. The sentence suggests that the woman found the comedian's jokes funny, and could not resist laughing.

- Option (b) 'frown' means to wrinkle one's forehead in disapproval, and does not fit the context of the sentence.
- Option (c) 'sneer' means to smile or speak in a mocking or contemptuous manner, and does not convey the same meaning as laughing at someone's jokes.
- Option (d) 'glare' means to stare fiercely or angrily, and does not fit the context of the sentence.

S90. Ans.(c)

Sol. The incorrectly spelled word is (c) Expedition. The correct spelling is 'Expedition'.

Meanings of the given words:

- **Exaggeration** - the act of making something seem more important, impressive, or worse than it actually is.
- **Exasperate** - to irritate or annoy someone to the point of frustration or anger.
- **Expedition** - a journey or voyage undertaken for a specific purpose, often involving exploration or research.
- **Exceedingly** - to a great degree or extent, extremely.

S91. Ans.(a)

Sol. The idiom 'skating on thin ice' means to be engaging in a risky or perilous activity or behavior, where even a slight misstep can lead to dire consequences.

- In the given sentence, the subject is criticizing his boss openly, which is a risky behavior that can lead to negative consequences, such as losing his job or damaging his reputation.
- Hence, option (a) is the correct answer.
- **Example:** John knew that he was skating on thin ice when he lied to his boss about completing the project.

S92. Ans.(c)

Sol. The correct spelling of the highlighted word is (c) precipice.

- The word 'precipice' refers to a steep or overhanging cliff or rock face, often with a sheer drop at the bottom.
- Hence, the corrected sentence would be: "He carefully walked along the ledge of the precipice."

S93. Ans.(a)

Sol. The most appropriate option to fill in the blank is (a) diverse. The sentence suggests that the new restaurant offers a range of dishes on its menu, and not just a limited set of options.

- The word '**diverse**' means varied, having many different kinds, or being composed of distinct elements.

Meanings of the other given words:

- **Uniform** means remaining the same or consistent, and does not convey the meaning of variety or diversity.
- **Monotonous** means lacking in variety and can be used to describe something that is dull, boring or repetitive.
- **Tedious** means tiresome or boring and suggests that something is dull, repetitive or uninteresting.

S94. Ans.(b)

Sol. The given sentence does not contain any error. Hence, the correct answer is (b) No error.

- All the parts of the sentence are grammatically correct and convey a clear meaning. The sentence is in the past tense, and describes the surprise of the subject upon seeing her old friend suddenly appear.

S95. Ans.(a)

Sol. The correct option to fill in the blank is (a) put forth.

- The sentence suggests that the coach is motivating the team members to give their best efforts in the upcoming match. The phrasal verb 'put forth' means to make an effort, to do one's best or to exert oneself.
- Option (b) 'retreat' means to withdraw or move back, and is the opposite of putting forth one's best efforts.
- Option (c) 'withhold' means to keep back or refuse to give something, and is not appropriate in the context of the sentence.
- Option (d) 'diminish' means to make something smaller or reduce in importance, and does not fit the context of the sentence.

S96. Ans.(a)

Sol. The word that can be filled in the blank is 'repository' to make the sentence grammatically and contextually correct.

- A '**repository**' is a place where something, especially a natural resource, is stored. In this case, it refers to a book as a storage for knowledge.
- The other options do not fit the context of the sentence:
- **Dissipator** means something that scatters or disperses, which is not a suitable description for a book in the context of knowledge storage.
- **Competitor** is a person or thing that competes with another, which is not relevant to the context.
- **Contradiction** refers to a statement or proposition that opposes or conflicts with another, which is not appropriate for describing a book as a source of knowledge.

S97. Ans.(d)

Sol. The word that can be filled in the blank is 'disseminating' to make the sentence grammatically and contextually correct.

- **Disseminating** means spreading or distributing information widely.
- In this context, it refers to sharing the information contained in books.
- The other options do not fit the context of the sentence:
- **Delegating** refers to entrusting a task or responsibility to another person, which is not relevant in this context.
- **Confiscating** means to seize something, especially as a penalty, which does not fit the context of sharing information.
- **Dissipating** means to disperse or scatter, which does not convey the intended meaning of sharing information.

S98. Ans.(a)

Sol. The word that can be filled in the blank is 'challenge' to make the sentence grammatically and contextually correct.

- **Challenge** means to test or stimulate one's abilities. In this context, it refers to how books encourage us to think and question.
- The other options do not fit the context of the sentence:
- **Impede** means to hinder or obstruct, which is not suitable for describing the role of books in stimulating thinking.
- **Curtail** means to reduce or restrict, which is contrary to the idea of books encouraging thinking and questioning.
- **Prohibit** means to forbid or prevent, which is also not appropriate for the intended meaning.

S99. Ans.(c)

Sol. The word that can be filled in the blank is 'expand' to make the sentence grammatically and contextually correct.

- **Expand** means to become or make larger or more extensive. In this context, it refers to opening our minds to new ideas and concepts through reading.
- The other options do not fit the context of the sentence:
- **Obscure** means to make something unclear or difficult to understand, which is not the intended effect of books on our minds.
- **Constrict** means to make something narrower or tighter, which is contrary to the idea of opening our minds to new ideas.
- **Diminish** means to make something smaller or less, which also contradicts the intended meaning of expanding our minds.

S100. Ans.(c)

Sol. The word that can be filled in the blank is 'treasured' to make the sentence grammatically and contextually correct.

- A '**treasured**' friend is someone who is greatly valued and cherished. In this context, it refers to the support, guidance, and inspiration provided by a good book, similar to a valued friend.
- The other options do not fit the context of the sentence:
- **Fair-weather** refers to someone who is only a friend when circumstances are pleasant or profitable, which does not describe the supportive nature of a good book.
- **Distant** refers to someone who is not emotionally close or involved, which does not convey the idea of a good book providing guidance, support, and inspiration.
- **Loathed** means to feel intense dislike or disgust for something, which is not an appropriate description of a good book that provides support and inspiration.

