

TS SI and Constable State Wide Mock

Q1. Four segments in the sentence have been highlighted in bold. Identify the one which is NOT correct.

The **reason** I came late **to** office today is **because** my car broke **down**.

- (a) reason
- (b) to
- (c) because
- (d) down

Q2. Four statements are given, labelled A, B, C and D. Among these, three statements are in logical order and form a coherent paragraph. From the given options, select the option that does NOT fit into the theme of the passage.

A. Today, however, the Earth has many other satellites, all made by man.

B. For thousands of millions of years, the Moon has been going round the Earth.

C. During this time, the Moon has been the only satellite of the Earth.

D. Technology is everywhere in education:

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

Q3. Select the option which is NOT an ANTONYM of another word by way of adding the prefix 'Un'.

- (a) Unable
- (b) Union
- (c) Uncooked
- (d) Unfair

Q4. Four segments in the sentence have been highlighted in bold. Identify the one which is NOT correct.

The **after** morning she woke **to** the **first** ray of light **through** the window.

- (a) After
- (b) To
- (c) First
- (d) Through

Q5. Select the word which means the same as the group of words given.

To die without having made a will

- (a) Intaglio
- (b) Inveterate
- (c) Insolvent
- (d) Intestate

Q6. Four statements are given, labelled A, B, C and D. Among these, three statements are in logical order and form a coherent paragraph. From the given options, select the option that does NOT fit into the theme of the passage.

A. The importance of news lies in getting updated & informed about our surrounding environment, everything that is taking place around us.

B. The word earthquake is used to describe any seismic event—whether natural or caused by humans.

C. But also by other events such as volcanic activity, landslides, mine blasts, and nuclear tests.

D. Earthquakes are caused mostly by rupture of geological faults.

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

Q7. Select the most appropriate option to fill in the blank in the given sentence.

_____ a wrench she unscrewed the bolts.

- (a) Along with
- (b) On
- (c) By means of
- (d) Sticking



Q8. Select the most appropriate option to fill in the blank in the given sentence

The shepherd guarded a large _____ of sheep and allowed them to move from pasture to pasture.

- (a) block
- (b) culture
- (c) shoal
- (d) flock

Q9. Select the most appropriate ANTONYM of the given word.

EVASIVE

- (a) Unreliable
- (b) Tricky
- (c) Straightforward
- (d) Elusive

Q10. Identify the segment in the given sentence which contains the grammatical error.

When I entered the bedroom, I saw a snake crawling on the ground.

- (a) When I entered the bedroom
- (b) I saw a snake crawling
- (c) on the ground.
- (d) No error

Q11. Four statements are given, labelled A, B, C and D. Among these, three statements are in logical order and form a coherent paragraph. From the given options, select the option that does NOT fit into the theme of the passage.

A. Success in life depends upon devotion to the chosen occupation.

B. We must choose the occupation which is best suited to our aptitude and qualifications.

C. An education loan scheme given for MBA, MCA, MS, and other notified courses that help with job creation.

D. But once we find such a job and are at the job, we should stick to it.

- (e) A
- (f) C
- (g) D
- (h) B

Q12. Select the most appropriate SYNONYM of the given word.

CELERITY

- (a) Grace
- (b) Fame
- (c) Slipperiness
- (d) Speed

Q13. Select the most appropriate meaning of the idiom.

By fits and starts

- (a) Not regularly
- (b) In short periods
- (c) Both (a) and (b)
- (d) None of the above

Q14. Select the most appropriate option to fill in the blank in the given sentence.

She brought a pen _____her.

- (a) on
- (b) of
- (c) by
- (d) for

Q15. Select the most appropriate option to fill in the blank in the given sentence.

Sunita said that she had never _____ a book she liked so much.

- (a) viewed on
- (b) come across
- (c) held upon
- (d) saw into

Directions (16-20): You have one brief passage with questions following the passage. Read the passage carefully and choose the best answer to each question out of the four alternatives and mark accordingly.

Despite downsizings, workers' overall job satisfaction actually improved between 1988 and 1994. Some reasons given were improved work flow, better cooperation between departments, and increased fairness in supervision. Many firms today rely on attitude surveys to monitor how employees feel about working in their firms.

The use of employee attitude surveys had grown since 1944 when the National Industrial Conference Board "had difficulty finding fifty companies that had conducted opinion surveys". Today, most companies are aware of the need for employees' anonymity, the impact of both the design of the questions and their sequence, the importance of effective communication, including knowing the purpose of the survey before it is taken and getting feedback to the employees after it is completed. Computerization of surveys can provide anonymity, if there is no audit trail to the user, especially for short answers that are entered rather than written or typed on an identifiable machine.

Survey software packages are available that generate questions for a number of standard topics and can be customized by modifying existing questions or by adding questions. If the survey is computerized, reports can be generated with ease to provide snapshots of a given period of time, trend analysis, and breakdowns according to various demographics. You may be interested in responses by age, sex, job categories, departments, division, functions or geography.

The survey can be conducted by placing microcomputers in several locations convenient for employees' use. Employees are advised where the computers will be, for how long, and when the data will be collected (for instance, daily at 5:00 p.m. for three weeks). The screens should not be viewable to supervisors or passers-by. While there may be some risk that employees will take the survey more than once, there are comparable risks with other methods too.

Managers may be interested in knowing how they are perceived by their peers and subordinates. Packages are available that can be customized, which allow the manager to complete a self-assessment tool used to compare self-perceptions to the anonymous opinions of others. This comparison may assist in the development of a more effective manager.

Q16. Companies feel that it is necessary to

- (a) maintain anonymity of the employees and to have effective design and sequence of questions and effective communication
- (b) maintain the fairness of the managers to be part of the survey
- (c) conduct surveys from their employees
- (d) maintain anonymity of the employees and not to have effective design and sequence of questions and effective communication

Q17. One major benefit of using survey software packages is

- (a) reports can be generated easily
- (b) privacy of a person is exposed to the supervisors
- (c) employees would like to take up the test on computer
- (d) employer can get to know the information immediately

Q18. Which word in the passage means 'tendency'?

- (a) Trend
- (b) Breakdowns
- (c) Convenient
- (d) Perceptions

Q19. "The screens should not be viewable to supervisors or passers-by." Why?

- (a) To maintain the secrecy of a person
- (b) The main problem is to enable everyone to participate
- (c) The manager has to be fair enough
- (d) To maintain the problems faced by women in job market

Q20. What does the word 'customized' mean here?

- (a) Adapted
- (b) Take as it is
- (c) Fixed
- (d) Mass produced

Q21. A train covers a distance of 576 km at a certain speed. If the speed is decreased by 24 km/hr, it will take 2 hours more to cover the same distance. Find $33\frac{1}{3}\%$ of original speed.

- (a) 32 km/hr
- (b) 24 km/hr
- (c) 38 km/hr
- (d) 28 km/hr

Q22. Four years ago, the ratio of ages of A and B was 3 : 5. Ten years from now, the ratio of the ages of A and B will be 5 : 6. Find the sum of present ages?

- (a) 32 years
- (b) 24 years
- (c) 26 years
- (d) 22 years

Q23. For an article, the profit is 220% of the cost price. If the cost price increases by 25% but selling price remains same. Then original profit percentage (approx.) ?

- (a) 22%
- (b) 26%
- (c) 29%
- (d) 31%

Q24. The ratio of efficiencies of A, B, C is 4 : 6 : 7. Working together, they can complete working in 39 days A and C together can complete $88\frac{2}{3}\%$ of work in how many days? (approx.)

- (a) 53.4 days
- (b) 55.7 days
- (c) 49 days
- (d) 61.8 days

Q25. Find the compound interest on Rs 15625 if sum is compounded 8 monthly at 12% Rate of interest per annum for 2 years.

- (a) 3600
- (b) 3650
- (c) 3949
- (d) 4058

Q26. The successive discount of $16\frac{2}{3}\%$, $66\frac{2}{3}\%$ and 10% is equivalent to a single discount of-

- (a) 93.33%
- (b) 87.66%
- (c) 75%
- (d) 72.33%

Q27. Pipes A and B can fill a tank in 9 hours and 12 hours and pipe C can empty the full tank in 18 hours All three pipes are opened together, but pipe A is closed after 2 hours. In how many hours will the remaining part of the tank be filled?

- (a) $5\frac{1}{5}$ hours
- (b) 26 hours
- (c) $6\frac{1}{4}$ hours
- (d) 24 hours

Q28. A number which, when increased by 123% becomes 3345. The number is—

- (a) 1245
- (b) 1575
- (c) 1500
- (d) 1775

Q29. The average of all prime numbers between 30 to 60 is—

- (a) 45.53
- (b) 41.42
- (c) 44.43
- (d) 44.90

Q30. A seller marks the products 32% above the cost price and allow a discount of 13%. If the cost price is Rs. 3267800, then the selling price is—

- (a) 385431.23
- (b) 3752741.52
- (c) 3852741.74
- (d) 335431.23

Q31. The average of twelve numbers is 47. The average of the first six numbers is 49 and that of the last three numbers is 45.5. The 7th, 8th and 9th numbers are equal. Find the ratio of average of 7th and 8th number to that of 8th and 9th numbers.

- (a) 4 : 7
- (b) 7 : 4
- (c) 1 : 1
- (d) 2 : 3

Q32. Simple interest on a certain sum at certain rate of interest is 52% of the sum. If the number represents rate percent and time in years be equal then the rate of interest is—

- (a) 24.5%
- (b) 23%
- (c) 23.12%
- (d) 22.23%

Q33. A sum of Rs 56960 is divided among A, B and C such that A receives 10% more than B and B receives 12% less than C. What is C's share in the amount?

- (a) 17600
- (b) 9653.2
- (c) 19360
- (d) 20000

Q34. If A had worked alone, he would have taken 63 hours to do the task. What is B's share, if A and B together on a task finishing it in 36 hours and they get paid Rs. 5,950 for it?

- (a) 3600
- (b) 3400
- (c) 2750
- (d) 2550

Q35. If it takes 42 days for a pond to get filled with rain water. If the level of water doubles each day. Then how long would it take to fill 1/16 of pond.

- (a) 38 days
- (b) 39 days
- (c) 32 days
- (d) 8 days

Q36. In what ratio should coffee costing Rs. 2800/kg be mixed with coffee costing Rs. 1750/kg so that the cost of the mixture is Rs. 2150/kg.

- (a) 8 : 13
- (b) 13 : 8
- (c) 7 : 5
- (d) 5 : 7

Q37. Ram and Pankaj started a partnership business investing in the ratio of 7 : 42. Atul joined them after 5 months with an amount equal to $\frac{2}{21}$ th of Pankaj. What was their profit (in Rs.) at the end of the year if Atul got Rs. 5060 as his share?

- (a) 1, 10, 420
- (b) 1, 11, 320
- (c) 98,720
- (d) 1,05,472

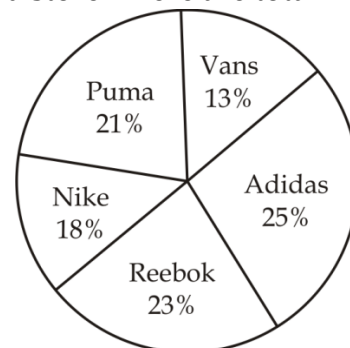
Q38. The average of 27 numbers is zero, out of them how many may be greater than zero, at the most?

- (a) 15
- (b) 20
- (c) 26
- (d) 0

Q39. A fraction is greater than twice its reciprocal by $\frac{7}{15}$. What is the fraction?

- (a) $\frac{3}{5}$
- (b) $\frac{5}{3}$
- (c) $\frac{3}{4}$
- (d) $\frac{4}{3}$

Directions (40-43): The pie chart given below shows the number of shoes of 5 different brands in a multi brand store. There are total 1200 shoes.



Q40. How many shoes are there of Reebok brand?

- (a) 230
- (b) 276
- (c) 286
- (d) 216

Q41. What is the difference in number of shoes of Puma and Vans?

- (a) 96
- (b) 156
- (c) 84
- (d) 112

Q42. The difference between the number of shoes of Reebok and Nike is same as the difference between which of the following two brands?

- (a) Puma and Adidas
- (b) Reebok and Adidas
- (c) Vans and Nike
- (d) Nike and Adidas

Q43. Puma shoes are how much percent more than the Nike Shoes?

- (a) 14.28
- (b) 16.66
- (c) 25
- (d) 21.33

Q44. In an examination, 33% passed in science and 57% failed in mathematics. If 41% failed in both subjects, what percentage passed in both subjects?

- (a) 21%
- (b) 23%
- (c) 17%
- (d) 27%

Q45. If a train runs with the speed of 78 km/hr, it reaches its destination late by 25 minutes. However, if its speed is 91 km/hr, it is late by 10 minutes only. The right time for the train to cover its journey is –

- (a) 60 minutes
- (b) 80 minutes
- (c) 75 minutes
- (d) 92 minutes

Q46. The efficiencies of A, B and C are in the ratio 7 : 6 : 9. Working together, they can complete a piece of work in 135 days. In how many days will, C alone be able to complete 65% of that work?

- (a) $202\frac{3}{5}$ days
- (b) $214\frac{1}{2}$ days
- (c) $197\frac{1}{2}$ days
- (d) 211 days

Q47. If the income of A is 27% less than income of B, then what percentage of B's income is more than that of A?

- (a) 36.98%
- (b) 42.85%
- (c) 61.23%
- (d) 49.27%

Q48. The price of sugar is increased by 12%. By what percentage, there should be decrease in consumption so then there is no change in expenditure?

- (a) 10.7%
- (b) 11.4%
- (c) 13.2%
- (d) 12.6%

Q49. Pipe A and B can fill a tank in 12 hrs and 36 hrs respectively whereas pipe C can empty the fill tank in 72 hrs all three pipes are opened together, but pipe A is closed after 6 hours. After how many hours, the remaining part of the tank will be filled?

- (a) 28
- (b) 30
- (c) 26
- (d) 22

Q50. A shopkeeper sold two articles for Rs. 6979 each. on one he gained 11% and on the other he lost 11%. What is the overall percentage gain or loss?

- (a) 1.25% gain
- (b) 1.21% gain
- (c) 1.21% loss
- (d) 1.25% loss

Q51. The optical phenomenon that is responsible for the propagation of light signal through an optical fibre is

- (a) interference
- (b) scattering
- (c) total internal reflection
- (d) refraction

Q52. Which one of the following gemstones contains beryllium metal?

- (a) Topaz
- (b) Emerald
- (c) Ruby
- (d) Blue sapphire

Q53. Which one of the following statements about proteins in mammalian cells is correct?

- (a) Proteins in mammalian cells are synthesized in cell membrane.
- (b) Proteins in mammalian cells are not synthesized in cell membrane but directly absorbed from food.
- (c) Proteins in mammalian cells are synthesized in rough endoplasmic reticulum.
- (d) Proteins in mammalian cells are synthesized in Golgi apparatus.

Q54. Which one of the following statements about transport mechanism in plants is correct?

- (a) Diffusion of ions and small molecules across cell membrane requires energy.
- (b) Active transport of ions and small molecules across cell membrane against concentration gradient requires energy.
- (c) Cells conserve energy and no energy is required for transport of ions and small molecules against concentration gradient.
- (d) Cells do not transport ions across their membrane as these are charged molecules.

Q55. Match List-I with List-II and select the correct answer using the code given below the Lists:

List-I (Compound)	List-II (Type of polymer)
A. Melamine	1. Linear
B. Polyvinyl chloride	2. Condensation
C. Terylene	3. Natural
D. Cellulose	4. Cross-linked

Code :

- (a) A B C D
3 2 1 4
- (b) A B C D
4 1 2 3
- (c) A B C D
3 1 2 4
- (d) A B C D
4 2 1 3

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

Q56. In plant cells, the turgidity and rigidity are provided by

- (a) ribosomes
- (b) mitochondria
- (c) golgi apparatus
- (d) vacuoles full of cell sap

Q57. Pollens are produced in

- (a) Corolla
- (b) Style
- (c) Stigma
- (d) Anther



Q58. Which one of the following is NOT a luminous object?

- (a) Sun
- (b) Electric lamp
- (c) Candle
- (d) Moon

Q59. When a beam of white light is allowed to fall on a prism, the maximum deviation of the emerging light occurs for

- (a) red light
- (b) violet light
- (c) yellow light
- (d) blue light

Q60. Which one of the following phenomena CANNOT be exhibited by sound waves?

- (a) Reflection
- (b) Refraction
- (c) Interference
- (d) Polarisation

Q61. The speed of a body that has Mach number more than 1 is

- (a) supersonic
- (b) subsonic
- (c) 300 m/s
- (d) about 10 m/s

Q62. Match List I with List II and select the correct answer using the code given below the Lists:

List I	List II
(Noble gas)	(Use)
A. Argon	1. In lights for advertising display
B. Neon	2. Airport landing lights and in light houses
C. Krypton	3. Light in photographer's flash gun
D. Xenon	4. In tungsten filament to last longer

Code:

A	B	C	D
(a) 3	1	2	4
(b) 3	2	1	4
(c) 4	2	1	3
(d) 4	1	2	3

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

Q63. Colour vision in human eyes is the function of photoreceptor cells named

- (a) Rods
- (b) Cones
- (c) Blind spot
- (d) Fovea

Q64. Which one of the following statements is correct with regard to the material of electrical insulators?

- (a) They contain no electrons
- (b) Electrons do not flow easily through them
- (c) They are crystals
- (d) They have more number of electrons than the protons on their surface

Q65. Which one of the following physical quantities does NOT affect the resistance of a cylindrical resistor?

- (a) The current through it
- (b) Its length
- (c) The resistivity of the material used in the resistor
- (d) The area of cross-section of the cylinder

Q66. A Kelvin thermometer and a Fahrenheit thermometer both give the same reading for a certain sample. What would be the corresponding reading in a Celsius thermometer?

- (a) 574
- (b) 301
- (c) 273
- (d) 232

Q67. Iron sheet kept in moist air gets covered with rust. Rust is

- (a) an element
- (b) a compound
- (c) a mixture of iron and dust
- (d) a mixture of iron, oxygen and water

Q68. Which one of the following gases is supporter of combustion?

- (a) Hydrogen
- (b) Nitrogen
- (c) Carbon dioxide
- (d) Oxygen

Q69. Sodium metal should be stored in

- (a) Alcohol
- (b) Kerosene oil
- (c) Water
- (d) Hydrochloric acid

Q70. Pearl is a hard object produced within the soft tissues of a mollusk. Which one of the following is the main constituent of pearl?

- (a) Calcium carbonate
- (b) Calcium oxide
- (c) Calcium nitrate
- (d) Calcium sulphate

Q71. Bleeding of gums, falling of teeth, fragile bones and delayed wound healing occur due to the deficiency of which one of the following vitamins?

- (a) Vitamin C
- (b) Vitamin K
- (c) Vitamin D
- (d) Vitamin B

Q72. Which one of the following is the 'energy currency' for cellular processes?

- (a) Glucose
- (b) ATP
- (c) ADP
- (d) Pyruvic acid

Q73. Which one of the following is the first enzyme to mix with food in the digestive tract?

- (a) Trypsin
- (b) Cellulose
- (c) Pepsin
- (d) Amylase

Q74. Which one of the following cell organelles contains DNA?

- (a) Golgi apparatus
- (b) Mitochondrion
- (c) Lysosome
- (d) Endoplasmic reticulum

Q75. Who among the following scientists introduced the concept of immunization to the medical world?

- (a) Edward Jenner
- (b) Robert Koch
- (c) Robert Hooke
- (d) Carl Linnaeus

Q76. Consider the following statements regarding the Dalit Movement in India during the Indian National Movement:

1. The 1906 Swaraj declaration mentioned the removal of untouchability as a necessary precondition for attaining swaraj
 2. All India Depressed Classes Association was formed in 1926, with M.C. Rajah of Madras as its first elected president.
 3. Dr. Ambedkar in 1936 founded the Independent Labour Party, in a bid to mobilise the poor and the untouchables on a broader basis than caste alone.
- Which of the statements given above is/are correct?

- (a) 1 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1, 2 and 3

Q77. Which of the following organizations did not support/participate in the Quit India Movement?

1. Rashtriya Swayamsevak Sangh (RSS)
2. Forward Bloc
3. Communist Party of India(CPI)
4. Hindu Mahasabha

Select the correct answer using the code given below-

- (a) 2 and 3 only
- (b) 1 and 3 only
- (c) 1, 3 and 4 only
- (d) 1, 2 and 4 only

Q78. Who was the founder of the Indian Reform Association in 1870?

- (a) Debendranath Tagore
- (b) Keshab Chandra Sen
- (c) Rammohan Roy
- (d) Dayanand Saraswati

Q79. The veda which deals with the rituals is known as _____.

- (a) Rigveda
- (b) Yajurveda
- (c) Samaveda
- (d) Atharvaveda

Q80. Consider the following statements regarding Hoysala temple architecture-

1. They belong to the Vesara type of temple architecture
2. The temples are made out of sandstone
3. the sculptures belonging to this style are intricately carved

Which of the statements given above are correct?

- (a) 1 and 2 only
- (b) 1 and 3 only
- (c) 2 and 3 only
- (d) 1, 2 and 3

Q81. According to the categories of land mentioned in the Chola inscriptions _____ was known as the land of non-Brahmana peasant proprietors?

- (a) Vellanvagai
- (b) Brahmadeya
- (c) Shalabhoga
- (d) Devadana

Q82. Which queen of the Kakatiya dynasty ruled over Warangal, part of modern Andhra Pradesh?

- (a) Rudramadevi
- (b) Ahilyadevi
- (c) Bhagwati
- (d) Bhanumati

Q83. Who has built the Vijay Stambha (Tower of Victory) in Chittorgarh?

- (a) Maharana Pratap
- (b) Rana Kumbha
- (c) Rana Sanga
- (d) Kunwar Durjan Singh

Q84. Which Sikh Guru initiated 'The Khalsa'?

- (a) Guru Nanak Dev
- (b) Guru Gobind Singh
- (c) Guru AngadDev
- (d) Guru TeghBahadur

Q85. Who amongst the following was the successor of Sikh Guru Har Krishan?

- (a) Guru Angad Dev
- (b) Guru Tegh Bahadur
- (c) Guru Hargobind
- (d) Guru Amar Das

Q86. The queen with the title Didda ruled over which part of India between 980 - 1003?

- (a) Avadh
- (b) Kashmir
- (c) Sindh
- (d) Bengal

Q87. Consider the following pairs-

	NEWSPAPER	PERSONALITY ASSOCIATED
1.	Sudharak	Gopal Ganesh Agarkar
2.	Paridasak	Ganesh Shankar Vidyarthi
3.	Pratap	Bipin Chandra Pal

Select the correct answer using the code given below.

- (a) 1 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1,2 and 3

Q88. Consider the following pairs-

PHILOSOPHY	FOUNDER
1.Dvaita	Shankaracharya
2.Suddhadvaita	Vallabhacharya
3.Dvaitadvaita	Nimbaraka
4.Visishtadvaita	Ramanuja

Which of the pairs given above are correctly matched?

- (a) 1 and 4 only
- (b) 2 and 3 only
- (c) 1, 2 and 3 only
- (d) 2, 3 and 4 only

Q89. Consider the following forms of puppetry-

1. Gombeyata
2. Kundhei
3. Tholpavakoothu
4. Paavakoothu
5. Tholu Bommalata

Which of these are types of string puppetry in India?

- (a) 1 and 2 only
- (b) 2, 3 and 5 only
- (c) 1, 3 and 4 only
- (d) 3, 4 and 5 only

Q90. Who wrote the book entitled 'Ghulamgiri'?

- (a) B.R. Ambedkar
- (b) Narayan Guru
- (c) Jyotiba Phule
- (d) M.P. Pillai

Q91. Regarding the Money Bill, which of the following statements is not correct?

- (a) It includes The receipt of money on account of the Consolidated Fund of India or the public account of India by union or state
- (b) The regulation of the borrowing of money by the Union government
- (c) The imposition, abolition, remission, alteration, or regulation of any tax
- (d) the imposition, abolition, remission, alteration, or regulation of any tax by any local authority or body for local purposes.

Q92. With reference to the election of the President of India, consider the following statements:

- (1) The election of a person as President cannot be challenged on the ground that there was an existence of any vacancy among the members of the electoral college.
 - (2) President is declared void by any Court, acts done by him before the date of such declaration are not invalidated and continue to remain in force.
 - (3) While counting the vote value of each MP or MLA the population base of census 2001 is used.
- Which of the statements given above is/are correct?

- (a) 1 and 2
- (b) 2 and 3
- (c) 3 only
- (d) 1 Only

Q93. Consider the following statements regarding Crown Rule in British India

(1) The Indian Council Act 1919 extended the principle of separate electorate further to include depressed classes, women, and labor along with Muslims

(2) As per the Govt of India 1935 reserved subjects controlled by the Governor-General and counselors included defense taxation and tribal affairs only.

Which of the statements given above is/are not correct?

- (a) 1 only
- (b) 2 only
- (c) Both of the above
- (d) None of the above

Q94. Which of the following provides that no person shall be liable to any civil or criminal proceedings in any court in respect of the publication in a newspaper (or by radio or television) of a substantially true report of any proceedings of either House of Parliament or either House of the Legislature of a State.

- (a) Article 123
- (b) Article 361A
- (c) Article 301A
- (d) Article 146

Q95. Consider the following statements

(1) The representation of Peoples act 1950 provides that if any nominated member joins any political party after the expiry of six months he shall be disqualified.

(2) The speaker of India can disqualify an MP of Lok Sabha if he is a director or managing agent nor hold an office of profit in a corporation in which the government has at least 25 percent share.

Which of the statements given above is/are not correct?

- (a) 1 only
- (b) 2 only
- (c) Both of the above
- (d) None of the above

Q96. Consider the following statements regarding motions moved by the members to raise discussions on the impeachment of the chief election commissioner

- (a) Censure motion
- (b) Substitute motion
- (c) Substantive motion
- (d) Ancillary motion

Q97. Consider the following statements Epidemic Diseases Act, 1897 lays down punishment as per Section 188 of the Indian Penal Code, 1860, for flouting orders issued by various state governments.

- (a) Section 309
- (b) Section 188
- (c) Section 497
- (d) Section 127

Q98. Consider the following statements

(1) The Constitution of India Provides states that the superintendence, direction, and control of the preparation of electoral rolls for, and the conduct of, all elections to the Panchayats and Municipalities shall be vested in a State Election Commission consisting of a State Election Commissioner to be appointed by President of India.

(2) Since 1990 the Chief election commissioner is assisted by two other election commissioners.

(3) Article 243K (2) states that the State Election Commissioner shall be removed from his/her office for holding the office of profit, moral turpitude, or breach of any privilege by the president of India on the recommendation of governor of the state.

Which of the statements given above is/are incorrect?

- (a) 1 and 2
- (b) 3 only
- (c) 2 and 3
- (d) 1, 2 and 3

Q99. A resolution of disapproval of National Emergency is different from a resolution approving the continuation of a proclamation in which of the following respects?

(1) The proclamation needs to be approved by both the houses whereas the disapproval can be done by the Presiding officer of the house himself without any subsequent affirmation required from the Parliament

(2) A resolution of disapproval by the Presiding officer cannot be questioned by the parliament, whereas the proclamation of emergency is subject to both Parliamentary scrutiny and judicial review
Choose the correct code from below?

- (a) 1 only
- (b) 2 only
- (c) Both are correct
- (d) None of the above

Q100. Consider the following statements

(1) Any bill originated to form new states or alter the areas, boundaries, or names of the existing states must be introduced in the Parliament with the prior recommendation of the President who has referred the same to the state legislature concerned for expressing its views within a specified period must act accordingly the views of the states.

(2) When the legislature of a state passes resolutions requesting the Parliament to enact laws on a matter in the State List, then the Parliament can make laws for regulating that matter which in turn applies only to that state which has requested
Which of the statements given above is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both are correct
- (d) None of the above

Q101. An aggrieved party can move the Supreme Court, under Article 32 of the Constitution, for the enforcement of which of the following?

- (1) Any Statutory right
- (2) Any law modifying the mining leases violates the right to equality among the stakeholders.
- (3) Any Right conferred through executive resolutions, rules, or regulations

Which of the statements given above are correct?

- (a) 1 and 2
- (b) 2 only
- (c) 1 and 3
- (d) None of the above

Q102. India is a founding member of the ILO and it has been a permanent member of the ILO Governing Body since 1922. Which of the following Conventions ILO has not been passed by India

- (1) Discrimination (Employment Occupation) Convention
- (2) Worst forms of Child Labour Convention
- (3) Right to Organise and Collective Bargaining Convention
- (4) Freedom of Association and Protection of the Right to Organise Convention

Choose the correct code from below?

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

Q103. Consider the following statements

- (1) The Gram Sabha keeps a track of the work of Gram Panchayat and prevents misuse of money.
- (2) The Gram Sabha is the principal forum for wage seekers to raise their voices and make demands which approve the shelf of works under MGNREGA and fix their priority.

(3) The Gram panchayats receive funds under the MPLAd scheme to give a boost to community development works

Which of the statements given above is/are correct?

- (a) 2 and 3
- (b) 2 only
- (c) 1 and 3
- (d) 1 and 2

Q104. The superintendence, direction, and control of the preparation of 'electoral rolls' for the municipalities is vested in the

- (a) Election Commission of India
- (b) District Planning Committee (DPC)
- (c) State Election Commission
- (d) State Department of Urban Affairs

Q105. Consider the following statements

(1) The Petroleum and Natural Gas Regulatory Board (PNGRB) was constituted under The Petroleum and Natural Gas Regulatory Board Act, 2005

(2) Compressed Natural Gas (CNG) is cheaper than petrol, diesel, and LPG in India.

(3) The new Hydrocarbon Exploration and Licensing Policy provides the creation of a National data repository that allows the contractors for uniform licenses for exploration and production of all forms of hydrocarbons, enabling contractors to explore conventional as well as unconventional oil and gas resources utilizing National data repository.

Which of the statements given above is/are correct?

- (a) 3 Only
- (b) 2 only
- (c) 2 and 3
- (d) 1 and 2

Q106. The demand for inferior goods decreases with _____ in the consumer's income.

- (a) Increase
- (b) Decrease
- (c) Constant
- (d) Double

Q107. Goods for which the quantity that a consumer chooses, increases as the consumer's income increases and decreases as the income decreases are called?

- (a) Inferior goods
- (b) Normal goods
- (c) Complementary goods
- (d) Substitute goods



Q108. The _____ balance is equal to capital flows from the rest of the world, minus capital flows to the rest of the world.

- (a) Current Account
- (b) Savings Account
- (c) Capital Account
- (d) Asset Account

Q109. Balance of Trade is the difference between

- (a) Country's Income and Expense
- (b) Country's Exports and Import
- (c) Country's Tax Revenue and Expense
- (d) Country's capital inflow and outflow

Q110. Micro economics deals with -

- (a) the circular flow of income
- (b) the decision making of a single economic variable like demand
- (c) understanding unemployment
- (d) economic growth

Q111. _____ is a good whose quantity demanded decreases when consumer income rises.

- (a) Veblen good
- (b) Normal good
- (c) Exclusive good
- (d) Inferior good

Q112. In economic equilibrium _____

- (a) supply is equal to the demand.
- (b) the surplus is larger than the shortage.
- (c) elasticity of demand equals elasticity of supply
- (d) price elasticity of demand is unity

Q113. The _____ of a firm is a relationship between inputs used and output produced by the firm.

- (a) Marginal product
- (b) Production function
- (c) Total product
- (d) Average product

Q114. _____ is the set of all possible combinations of the two inputs that yield the same maximum possible level of output.

- (a) The Short Run
- (b) The Long Run
- (c) Isoquant
- (d) Average product

Q115. The _____ exchange rate is the price of one unit of foreign currency in terms of domestic currency.

- (a) Artificial
- (b) Nominal
- (c) Fixed
- (d) Real

Q116. Consider the following statements with respect to corals-

1. They are only found in tropical oceans and seas.
2. Coral reefs have greater biodiversity than tropical rainforests.
3. Corals can survive only in fresh water system

Choose the correct option-

- (a) 1 and 2
- (b) 2 only
- (c) 3 only
- (d) 1,2 and 3

Q117. Which of the following is Critically Endangered Species in India?

1. Leatherback Turtle
2. Namdapha Flying Squirrel
3. Bengal Florican
4. Red-headed Vulture

Choose the correct option-

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

Q118. TRAFFIC, The Wildlife Trade Monitoring Network is a joint conservation programme of

- (a) WWF and UNEP
- (b) UNEP and IUCN
- (c) IUCN and WWF
- (d) UNEP and WWF

Q119. The report, Readiness for Investment in Sustainable Energy (RISE), is prepared by which organization?

- (a) International Monetary Fund
- (b) Sustainable Development solutions Network
- (c) World Bank Group
- (d) United Nations Development Report

Q120. Consider the following statements with respect to short lived climate pollutants (SLCP) -

1. They primarily come from fossil fuel production and combustion.
2. The main short-lived climate pollutants are black carbon, methane, tropospheric ozone, and fluorinated gases
3. These contribute very less to climate change per molecule emitted as compared to Greenhouse gases.

Which of the above statements is/are correct?

- (a) 1 and 2
- (b) 2 and 3
- (c) 3 only
- (d) 1,2 and 3

Q121. Which of following is correct statement about the Ozone?

- (a) Ozone in troposphere is good for breathing
- (b) Ozone in troposphere is not good for breathing
- (c) Ozone is present only in troposphere.
- (d) All of the above

Q122. Match List -I with List -II and select the correct answer from the codes given below the lists:

<p>List- I</p> <p>A. Shivpuri National Park</p> <p>B. Dudhwa National Park</p> <p>C. Manas National Park</p> <p>D. Corbett National Park</p>	<p>List-II</p> <p>1. Assam</p> <p>2. UP</p> <p>3. MP</p> <p>4. Uttarakhand</p>
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Codes :

- | | | | | |
|-----|---|---|---|---|
| | A | B | C | D |
| (a) | 1 | 2 | 3 | 4 |
| (b) | 3 | 2 | 1 | 4 |
| (c) | 4 | 3 | 2 | 1 |
| (d) | 3 | 1 | 2 | 4 |

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

Q123. Which of the following statements about saline soil is/are true?

1. It contain a larger proportion of sodium, potassium and magnesium.
2. They are rich in nitrogen and calcium.

Select the correct answer from the codes given below:

Codes :

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

Q124. Which of the following pairs is NOT correctly matched?

(Tribes)	(homeland)
(a) Zulus	South Africa
(b) Bindibu	Australia
(c) Bushman	Siberia
(d) Turregs	Sahara

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

Q125. Lake Assal is located in which continent?

- (a) Europe
- (b) Asia
- (c) Africa
- (d) Australia

Q126. Which of the following statements about peninsular plateau is/are true?

1. It s extended in the north east till Shillong and Karbi-Anglong plateau.
2. Malwa plateau is not part of it.

Select the correct answer from the codes given below:

Codes :

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

Q127. The Great Indian Bustards, recently in news, is categorised in IUCN Red list as?

- (a) endangered
- (b) vulnerable
- (c) critically endangered
- (d) Near Threatened

Q128. Which of the following pairs is NOT correctly matched?

(Passes)	(State)
(a) Tse La	Arunachal Pradesh
(b) Shipki La	Himachal Pradesh
(c) Palghat	kerala
(d)Rohtang	Uttarakhand

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

Q129. Which of the following pairs is NOT correctly matched?

(Waterfalls)	(River)
(a) Bundla	Bundla
(b) Hundru Falls	Narmada
(c) Lodh	Budha
(d) Jog	Sharavati

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

Q130. Which of the following pairs is NOT correctly matched?

(Glaciers)	(State)
(a) Chandra	Uttarakhand
(b) Zemu	Sikkim
(c) Ralam	Uttarakhand
(d)Biafo	Jammu and Kashmir

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

Q131. Which of the following wind is blowing from the Mediterranean Sea to the North Western parts of India?

- (a) Western disturbances
- (b) Norwesters
- (c) Loo
- (d) Mango showers

Q132. Which layer of the earth's atmosphere contains the ozone layer?

- (a) Troposphere
- (b) Mesosphere
- (c) Ionosphere
- (d) Stratosphere

Q133. Where is the Great Barrier Reef located?

- (a) Pacific Ocean
- (b) Indian Ocean
- (c) Atlantic Ocean
- (d) Arctic Ocean

Q134. The longest sea beach in India is -

- (a) Chapora beach
- (b) Diu beach
- (c) Aksa beach
- (d) Marina beach

Q135. Which one of the following regions is most rich in coal deposits?

- (a) Bramhaputra Valley
- (b) Damodar Valley
- (c) Mahanadi Valley
- (d) Godavari Valle

Q136. Which state has topped India's list in the number of MSME owned by entrepreneurs from the Scheduled Castes?

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

Q137. Who won the record-breaking 21st Grand Slam title on January 30, 2022?

- (a) Rafael Nadal
- (b) Daniil Medvedev
- (c) Novak Djokovic
- (d) Roger Federer

Q138. Who has become the first Australian woman to win Australian Open in 44 years?

- (a) Daria Saville
- (b) Samantha Stosur
- (c) Maddison Inglis
- (d) Ashleigh Barty

Q139. The overall global gold demand in 2021 was recorded at what value as per the data by World Gold Council?

- (a) 4,021.3 tonnes
- (b) 3,658.8 tonnes
- (c) 5,051.5 tonnes
- (d) 3,749.2 tonnes

Q140. The world's largest canal lock has recently been unveiled in which country?

- (a) Switzerland
- (b) Germany
- (c) New Zealand
- (d) The Netherlands

Q141. The World Leprosy Day is marked every year on which of these days?

- (a) Last Monday of January
- (b) Last Sunday of January
- (c) January 30
- (d) January 29

Q142. Which of these days has been designated by the WHO as the World Neglected Tropical Diseases Day?

- (a) January 30
- (b) January 31
- (c) January 29
- (d) January 28

Q143. Which player has won the Men's Single title at Australian Open 2022?

- (a) Daniil Medvedev
- (b) Novak Djokovic
- (c) Andy Murray
- (d) Rafael Nadal

Q144. Which team has won the 2022 Women's Pan American Cup Field Hockey Tournament?

- (a) Chile
- (b) Canada
- (c) Argentina
- (d) Uruguay

Q145. The Geological Survey of India (GSI) has approved the setting up of India's first geological park on the banks of the Narmada River in which state?

- (a) Gujarat
- (b) Uttar Pradesh
- (c) Himachal Pradesh
- (d) Madhya Pradesh

Q146. Name the election mascot unveiled by the Chief Electoral Officer's office of Punjab recently.

- (a) Bholu
- (b) Stumpy
- (c) Shera
- (d) Ballu

Q147. Social activists have built a temple for Mahatma Gandhi 'Gandhi Mandiram' and freedom fighters' Smriti Vanam in which of the following state?

- (a) Haryana
- (b) Bihar
- (c) Rajasthan
- (d) Andhra Pradesh

Q148. Which company surpassed U.S chipmaker Intel to become the world's leading chipmaker by revenue in 2021?

- (a) Micron
- (b) SK Hynix
- (c) Samsung Electronics
- (d) Qualcomm

Q149. Xiomara Castro sworn in as the first woman President of which of the following country?

- (a) Honduras
- (b) Guatemala
- (c) Mexico
- (d) Belize

Q150. The World Wetlands Day is observed every year on which day?

- (a) First Wednesday of February
- (b) February 02
- (c) First Tuesday of February
- (d) February 01

Q151. Which country recently test fired its intermediate-range ballistic missile Hwasong-12?

- (a) China
- (b) Japan
- (c) Jordan
- (d) North Korea

Q152. Antonio Costo is reelected as the Prime Minister of which country?

- (a) Finland
- (b) Estonia
- (c) Germany
- (d) Portugal

Q153. World Interfaith Harmony Week is an annual event observed during the _____.

- (a) First week of February
- (b) Second week of February
- (c) Third week of February
- (d) Fourth week of February

Q154. Which team has won the 9th National Women's Ice Hockey Championship in 2022 held in Himachal Pradesh?

- (a) Chandigarh
- (b) Indo-Tibetan Border Police
- (c) Delhi
- (d) Ladakh

Q155. Ramachandran Nagaswamy, who has passed away recently was one of the renowned _____ of Tamil Nadu.

- (a) Filmmaker
- (b) Author
- (c) Archaeologist
- (d) Mountaineer

Q156. Which Small Finance Bank has launched 'Platina Fixed Deposit', offering interest of 15 basis points (bps) ?

- (a) Jana Small Finance Bank
- (b) Suryoday Small Finance Bank
- (c) Equitas Small Finance Bank
- (d) Ujjivan Small Finance Bank

Q157. _____ and _____ have entered into an agreement to build a dam at Adi Badri in Yamunanagar district.

- (a) Uttar Pradesh and Haryana
- (b) Punjab and Haryana
- (c) Himachal Pradesh and Haryana
- (d) Uttarakhand and Haryana

Q158. Which of the following has developed an indigenous RT-PCR diagnostic kit, 'Om', for the testing of Omicron variant of coronavirus?

- (a) DRDO
- (b) CSIR - CDRI
- (c) IIT Madras
- (d) AIIMS

Q159. India's _____ gets the best film award at 20th Dhaka International Film Festival.

- (a) Pushpa
- (b) Marakkar: Arabikadalinte Simham
- (c) Jai Bhim
- (d) Koozhangal

Q160. India's first Chief of Defence Staff Bipin Rawat will be posthumously honoured with which among the following awards?

- (a) Bharat Ratna
- (b) Padma Vibhushan
- (c) Padma Bhushan
- (d) None of the Above

Q161. Three of the following four number-pairs are alike in a certain way and one is different. Find the odd one out.

- (a) 7 : 23
- (b) 8 : 26
- (c) 10 : 30
- (d) 9 : 29

Q162. In a code language, RIVER is written a ERVRI how will TRAIN be written as in that language?

- (a) RATIN
- (b) INATR
- (c) RAINI
- (d) RTANI

Q163. Three of following four words are alike in a certain way and one is different. Find odd one out.

- (a) Carpenter
- (b) Cobbler
- (c) Tailor
- (d) Teacher

Q164. Ram's school bus was facing north - west when it reaches his school. After starting from his house the took one left turn, one Right turn another left turn to reach. If bus pick up Ram and starting towards East direction then in which direction bus facing to reach school.

- (a) South-east
- (b) North-east
- (c) North.
- (d) South

Q165. Which letter-cluster will replace the question mark (?) in the following series?

AZC, DXF, GUI, _?_, MLO

- (a) KQM
- (b) JQL
- (c) KPN
- (d) JRL

Q166. Three of the following four words are alike in a certain way and one is different. Find the odd one out.

- (a) Iron Box
- (b) Mixer Grinder
- (c) Computer
- (d) Gas Stove

Q167. If CAD = 4 and BUS = 4

Then TRAIN =?

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

Q168. Which number will replace the question mark (?) in the following series?

8, 11, 17, 20, 26, _?_

- (a) 29
- (b) 32
- (c) 35
- (d) 27

Q169. In a code language, TRAIN is written as MRZIG. How will FACTOR be written as in that language ?

- (a) ILXGUZ
- (b) ILGXZU
- (c) UZXGLI
- (d) UZGXIL

Q170. Find the missing number given below?

2	7	9
7	3	4
9	8	?
126	168	216

- (a) 8
- (b) 3
- (c) 6
- (d) 36



Direction (171-175): Study the following information carefully and answer the questions given below:

Seven students A, B, C, D, E, F and G have exams on different days in the same week from Monday to Sunday but not necessarily in the same order. B's exam held just before the day of G and just after the day of D. F's exam held just after of C. There are three days gap between the exams of A and E. C's exam held before of Wednesday. E's exam doesn't held on Monday and Wednesday.

Q171. How many days gap between the exams of F and D?

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

Q172. Who among the following student have an exam on Friday?

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

Q173. Who among the following student have an exam on Saturday?

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

Q174. If F is interchanged his position with D, then who among the following have an exam on Tuesday?

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

Q175. Four of the following five are alike in a certain way and hence they form a group. Which one of the following does not belong to that group?

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

Directions (176-180): Study the given information carefully and answer the given questions.

Eight persons P, Q, R, S, T, U, V and W are sitting in a circular table facing outside the center but not necessarily in the same order. R is not sit opposite to W. Two persons sit between P and T. W sits second to the right of T. Both Q and S are sitting opposite to each other. Both W and Q are not adjacent to each other. V sits immediate left of P.

Q176. How many persons are sitting between Q and R when counted clockwise direction from Q?

- (a) One
- (b) Four
- (c) Five
- (d) Three

Q177. Who among the following person is immediate neighbor of W and V?

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

Q178. Who among the following person sits third to the left of V?

- (a) W
- (b) S
- (c) T
- (d) R

Q179. Who among the following person sits opposite to R?

- (a) U
- (b) P
- (c) V
- (d) W

Q180. If in some way S is related to P, and W is related to V, then who among the following is related to R?

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

Q181. Pravara is a tributary of which of the following rivers?

- (a) Godavari
- (b) Krishna
- (c) Cauvery
- (d) Tapati

Q182. What special initiative has the Telangana government launched to curb child trafficking and child labor?

- (a) Muskan
- (b) Roshini
- (c) Gramajyoti
- (d) Ujwala

Q183. In which constituency will the 'Dalit Bandhu' scheme be launched as a pilot project?

- (a) Gajwel
- (b) Dubbaka
- (c) Sirisilla
- (d) Huzurabad

Q184. What is the full form of the FAST scheme launched by the Government of Telangana to provide free education from KG to PG?

- (a) Financial Assistance to Students of Telangana
- (b) Physical Assistance to Students of Telangana
- (c) Financial Assurance to Students of Telangana
- (d) Financial Assume to Students of Telangana

Q185. When did the Telangana government launch the Mana Uru-Mana Badi program?

- (a) March 2022
- (b) January 2022
- (c) February 2022
- (d) December 2021

Q186. How many lakhs of insurance facility has been provided to Telangana handloom workers in the budget 2022-2023?

- (a) 10 lakhs
- (b) 5 lakhs
- (c) 6 lakhs
- (d) 8 lakhs

Q187. Which was the first state to introduce information technology on land?

- (a) Telangana
- (b) Karnataka
- (c) Madhya Pradesh
- (d) Maharashtra

Q188. What is the area of double bedroom houses being constructed by the Telangana government?

- (a) 208 square feet
- (b) 209 square feet
- (c) 506 square feet
- (d) 560 square feet

Q189. How much financial assistance does the government provide to the families of Telangana martyrs?

- (a) 7 lakhs
- (b) 15 lakhs
- (c) 10 lakhs
- (d) 12 lakhs

Q190. Who designed the emblem of the state of Telangana?

- (a) Ande Shri
- (b) Goreti Venkanna
- (c) Gaddar
- (d) Ale Laxman

Q191. Dokra Metal art is unique in which of the following areas?

- (a) Uttar Pradesh Zone
- (b) Jainur Zone
- (c) Bhimapur Zone
- (d) Narnaur Zone

Q192. The Upper Manor Irrigation Project will meet the irrigation needs of which district?

- (a) Jagityala
- (b) Karimnagar
- (c) Rajanna Sirisilla
- (d) Kamareddy

Q193. Which district has the lowest literacy rate in Telangana as per 2011 census?

- (a) Medak
- (b) Nizamabad
- (c) Mahabubnagar
- (d) Adilabad

Q194. Which of these districts is mainly covered by Kandikal, Rakhi mountains?

- (a) Adilabad
- (b) Mahabubnagar
- (c) Karimnagar
- (d) Rangareddy

Q195. Which district has the highest sex ratio in Telangana according to 2011 census?

- (a) Hyderabad
- (b) Nizamabad
- (c) Karimnagar
- (d) Khammam

Q196. Mallannasagar Reservoir was built in which district?

- (a) murmur
- (b) Gadwal
- (c) Siddhipet
- (d) Rajanna Sirisilla

Q197. On which day is Telangana Irrigation Day celebrated?

- (a) March 22
- (b) April 22
- (c) September 14
- (d) November 14

Q198. Which temple in Telangana was recently included in the 'Pilgrimage Revival, Spiritual Heritage Enhancement Scheme (Prasad) ' by the Union Ministry of Tourism and Culture?

- (a) Jnana Saraswati Temple, Basra
- (b) Thousand Pillars Temple, Hanmakonda
- (c) Ramappa Temple, Mulugu
- (d) Rajarajeshwara swamy Temple, Vemulawada

Q199. Which was the first object to get Geographical Identification (GI) from Telangana region?

- (a) Karimnagar Silver Filigree
- (b) Gadwal Sarees
- (c) Hyderabad Haleem
- (d) Pochampally Ikkat

Q200. At present there is a maximum limit of Rs 2 lakh per family for treatment under the Arogya Sree scheme but how much has it been increased in the new Telangana budget?

- (a) 7 lakhs
- (b) 5 lakhs
- (c) 3.5 lakhs
- (d) 5.25 lakhs



Solutions**S1. Ans.(c)**

Sol. “Because” is used to provide reason for a particular action. If we are already using the phrase ‘The reason’ at the beginning of the sentence, we do not need to provide the reason again by using ‘because’. Thus, ‘because’ should be omitted. We can use ‘that’ in the sentence to correct it. The reason I came late to office today is that my car broke down.

S2. Ans.(d)

Sol. The proper arrangement is – BCA.
The given passage is based on ‘Satellite’. Sentence ‘D’ talks about ‘Technology in education’ which is irrelevant. Hence, option (d) is the correct choice.

S3. Ans.(b)

Sol. The correct answer is option b.
Unable - Lacking the necessary power, competence, etc., to accomplish some specified act which is an antonym of ‘Able’.
Uncooked - Not cooked which is an antonym of ‘Cooked’ which is an antonym of ‘Cook’.
Unfair - Not following the rules and therefore giving an advantage to one person, team, etc. which is an antonym of ‘Fair’.
Union - The action of joining or the situation of being joined which is not the antonym of any other word by way of adding a prefix.

S4. Ans.(a)

Sol. “After” should be replaced with “early” to make the statement meaningful.

S5. Ans.(d)

Sol. The correct answer is option d.
Intestate – to die without having made a will.
Whereas, meaning of other words –
Insolvent - unable to pay debts owed.
Inveterate - having a particular habit, activity, or interest that is long-established and unlikely to change.

Intaglio - a design incised or engraved into a material.

Option (d) portrays the same meaning as that of the given group of words & hence it is the correct choice.

S6. Ans.(a)

Sol. The correct answer is option a.
The proper arrangement is – BDC
The sentence A talks about news which is out of the context. Hence, this is the correct choice.

S7. Ans.(c)**S8. Ans.(d)**

Sol. With sheep we use “flock” A shoal of fish. A flock of birds, sheep.

S9. Ans.(c)

Sol. The word evasive means deliberately vague or ambiguous; tending to avoid commitment or self-revelation, especially by responding only indirectly.

S10. Ans.(c)

Sol. ‘Ground’ means the surface of earth. Change ‘ground’ into ‘floor’.

S11. Ans.(b)

Sol. The correct answer is option b.
The given passage is based on ‘Choosing the right occupation’. But sentence ‘C’ talks about ‘Education loan’ which is out of the context. Hence, option (b) is the correct choice.

S12. Ans.(d)

Sol. The word Celerity means swiftness or speed.

S13. Ans.(c)

Sol. The idiom ‘by fits and starts’ refers to ‘irregular bursts of activity’. If something happens in fits and starts, it often stops and then starts again. Hence, option(c) is the correct answer.

S14. Ans.(d)

Sol. The correct answer is option 'd'.
"She was brought a pen for her." is correct.

S15. Ans.(b)

Sol. Come across means meet or find by chance.

S16. Ans.(a)

Sol. Refer to "Today, most companies are aware of the need for employees' anonymity, the impact of both the design of the questions and their sequence, the importance of effective communication, including knowing the purpose of the survey before it is taken and getting feedback to the employees after it is completed."

S17. Ans.(a)

Sol. Refer to "If the survey is computerized, reports can be generated with ease to provide snapshots of a given period of time, trend analysis, and breakdowns according to various demographics".

S18. Ans.(a)

Sol. Tendency means an inclination towards a particular characteristic or type of behavior. Trend means a general development or change in a situation or in the way that people are behaving.

S19. Ans.(a)

Sol. The basic reason for computerization of surveys is to provide anonymity. Thus, the screen should not be viewable to supervisors or passers-by.

S20. Ans.(a)

Sol. Customized means modified to suit a particular individual or task.
Adapt means make (something) suitable for a new use or purpose; modify.

S21. Ans.(a)

Sol.

Speed	Time
24	2
48	4
$-24 \uparrow \begin{matrix} 72 \\ 96 \end{matrix}$	$\begin{matrix} 6 \\ 8 \end{matrix} \downarrow +2$

∴ Original speed = 96 km/hr
 $33\frac{1}{3}\%$ of original speed = $96 \times \frac{1}{3} = 32$ km/hr

S22. Ans.(b)

Sol.

A	B	
3	5) 7—14 1— 2
5×2	6×2	
10	12	A B

Present Age's of A and B — $(3 \times 2) + 4 (5 \times 2) + 4$
 10 14
 Sum of present ages of A & B = 24.

S23. Ans.(c)

Sol.

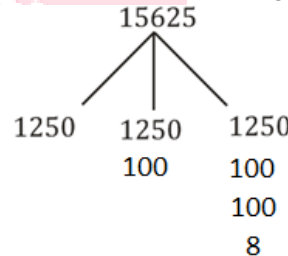
CP	SP	P%	
100	320	220) $\frac{64}{220} \times 100 = 29\%$
$+25\%$			
125	320	156	

S24. Ans.(a)

Sol. A and C = $\frac{39 \times 17}{11} \times \frac{266}{300} = \frac{176358}{3300} = 53.4$ days

S25. Ans.(d)

Sol. Rate of interest = 8% for 8 monthly compounded $8\% = \frac{2}{25}$



CI = 4058

S26. Ans.(c)

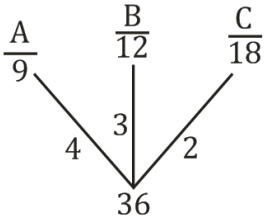
Sol.

6	5
3	1
10	9
$\frac{180}{180}$	$\frac{45}{45}$

Req. % = $\frac{135}{180} \times 100 = 75\%$

S27. Ans.(b)

Sol.

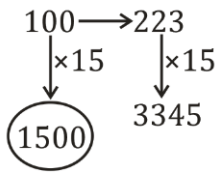


Filled in 2 hours = $2 \times 5 = 10$

Req. time = $\frac{26}{1} = 26$ hours

S28. Ans.(c)

Sol.



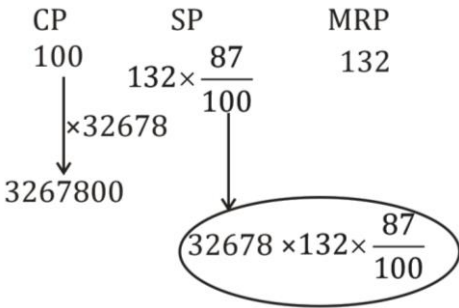
S29. Ans.(c)

Sol. Req. Avg. = $\frac{31+37+41+43+47+53+59}{7}$

= $\frac{311}{7}$
= 44.43

S30. Ans.(b)

Sol.



⇒ Selling price = Rs. 3752741.52
or check by unit digit.

S31. Ans.(c)

Sol. 7th = 8th = 9th = x

Req. ratio = $\frac{x}{x} = 1 : 1$

S32. Ans.(b)

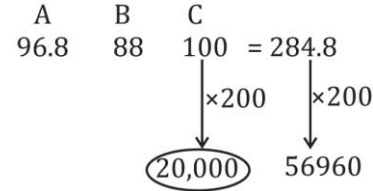
Sol. $529 = \frac{100 \times R^2}{100}$

R = 23%

So Rate of interest = 23%

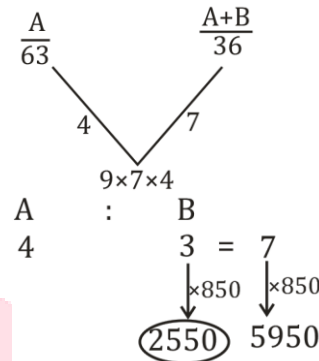
S33. Ans.(d)

Sol.



S34. Ans.(d)

Sol.



S35. Ans.(a)

Sol. Let total capacity of pond = 16 unit

On 42th day, water in pond = 16 unit

On 41th day, water in pond = 8 unit

On 40th day, water in pond = 4 unit

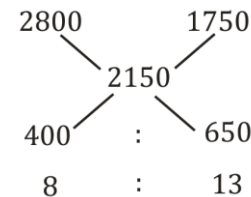
On 39th day, water in pond = 2 unit

On 38th day, water in pond = 1 unit

On 38th day pond is filled with $\frac{1}{16}$ of total capacity.

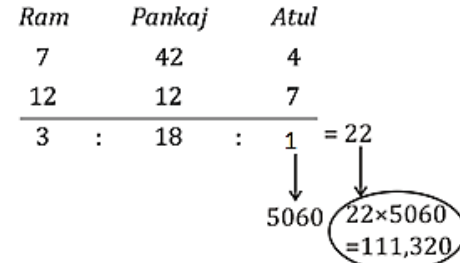
S36. Ans.(a)

Sol.



S37. Ans.(b)

Sol.



S38. Ans.(c)

Sol. Max 26 numbers may be greater than zero.

S39. Ans.(b)

Sol. Let the fraction be x

∴ ATQ,

$$x - \frac{2}{x} = \frac{7}{15}$$

$$\Rightarrow x^2 - 2 = \frac{7x}{15}$$

$$\Rightarrow 15x^2 - 30 = 7x$$

$$\Rightarrow 15x^2 - 7x - 30 = 0$$

On solving

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

S40. Ans.(b)

Sol. No. of shoes of Reebok brand

$$= 23\% \times 1200 = 276$$

S41. Ans.(a)

Sol. Difference = $8\% \times 1200$

$$= 96$$

S42. Ans.(c)

Sol. Difference is same as 5% in (c).

S43. Ans(b)

Sol. No. of Puma shoes = $21\% \times 1200$

$$= 252$$

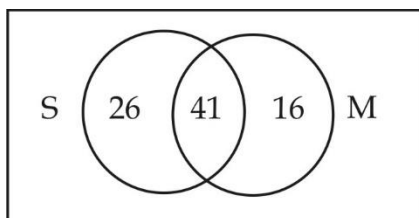
No. of Nike shoes = 216

$$\therefore \% \text{ more} = \frac{252-216}{216} \times 100$$

$$= 16.67\%$$

S44. Ans.(c)

Sol.



$$\text{Passed} = 100 - (41 + 26 + 16)$$

$$\text{Passed} = 17\%$$

S45. Ans.(b)

Sol. Let t be the right time

$$78(t + 25) = 91(t + 10)$$

$$6(t + 25) = 7(t + 10)$$

$$150 - 70 = t$$

$$t = 80 \text{ min}$$

S46. Ans.(b)

Sol.

$$\frac{135 \times 22}{9} \times \frac{65}{100} = 214 \frac{1}{2} \text{ days}$$

S47. Ans.(b)

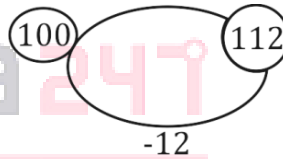
Sol.



$$\frac{27}{73} \times 100 = 36.98\%$$

S48. Ans.(a)

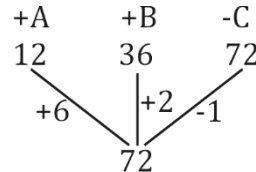
Sol.



$$\frac{12}{112} \times 100 = 10.7\%$$

S49. Ans.(b)

Sol.



$$T.W = 72$$

$$\text{Remaining work} = 72 - 42$$

$$\text{Remaining work done by } (b+c)$$

$$\therefore \frac{30}{1} = 30$$

S50. Ans.(c)

$$\text{Sol. Loss}\% = \frac{xy}{100} = 1.21\%$$

S51. Ans.(c)

Sol. Optical fibers use total internal reflection to transmit light. It has a solid core of dense glass surrounded by a less dense cladding. The light ray passing through the inner core is reflected back instead of being refracted to the rarer cladding.

Total Internal Reflection is the complete reflection of a light ray reaching an interface with a less dense medium when the angle of incidence exceeds the critical angle.

Two conditions of total internal reflection:

1. The light ray moves from a more dense medium to less dense medium.
2. The angle of incidence must be greater than the critical angle.

Since total internal reflection takes place within the medium, no incident energy is ever lost due to the transmission of light across the boundary. The intensity of the light remains constant.

S52. Ans.(b)

Sol. Beryllium, aluminum, silicon and oxygen come together to create the mineral Beryl. The right temperature and pressure conditions can be the start of forming emerald. Emerald is a gemstone and a variety of the mineral beryl colored green by trace amounts of chromium. Emerald chemical formula is $Be_3Al_2SiO_6$.

S53. Ans.(c)

Sol. The rough ER, studded with millions of membrane bound ribosomes, is involved with the production, folding, quality control and despatch of some proteins. Smooth ER is largely associated with lipid (fat) manufacture and metabolism and steroid production hormone production. It also has a detoxification function.

S54. Ans.(b)

Sol. Active transport is the movement of molecules across a cell membrane from a region of lower concentration to a region of higher concentration—against the concentration gradient. Active transport requires cellular energy to achieve this movement. There are two types of active transport: primary active transport that uses adenosine triphosphate (ATP), and secondary active transport that uses an electrochemical gradient.

Unlike passive transport, which uses the kinetic energy and natural entropy of molecules moving down a gradient, active transport uses cellular energy to move them against a gradient, polar repulsion, or other resistance. Active transport is usually associated with accumulating high concentrations of molecules that the cell needs, such as ions, glucose and amino acids.

S55. Ans.(b)

- Sol.** A. Melamine- Cross-linked
 B. Polyvinyl chloride- Linear
 C. Terylene- Condensation
 D. Cellulose- Natural

S56. Ans.(d)

Sol. Vacuole provides turgidity and rigidity to plant cells. Turgidity is the state of being turgid or swollen, especially due to high fluid content. Turgidity helps to explain as to how plant cells are able to stand upright despite the lack of a skeletal structural framework that animals have. Also, it confers rigidity to plants. Vacuole provides turgidity and rigidity to plant cells. Vacuoles regulate the turgidity by regulating the amount of water inside the cell.

When cell has excessive water, vacuole absorbs the water and then diffuses it out of the cell.

When cell lacks water, water from the vacuole gets passed back into the cell thereby maintaining turgidity.

S57. Ans.(d)

Sol. Pollen is produced by the anthers of the stamens in flowers. Pollen plays a key role in pollination of plants.

Pollination is the act of transferring pollen grains from the male anther of a flower to the female stigma. The goal of every living organism, including plants, is to create offspring for the next generation. One of the ways that plants can produce offspring is by making seeds. Seeds contain the genetic information to produce a new plant.

S58. Ans.(d)

Sol. If light is emitted by object, the object is called Luminous Object. Sun, electric lamp & candle have their own light produced by different methods but moon only reflects sunlight. Moon does not have its own light, so it is not luminous object.

S59. Ans.(b)

Sol. The angle of deviation through a triangular prism is defined as the angle between the incident ray and the emerging ray. When a ray of light passes through a prism, it disperses the ray of light into seven colours. They are Violet, Indigo, Blue, Green, Yellow, Orange, Red i.e., VIBGYOR. The angle of deviation increases in order. It means that Violet bends the most and Red the least. The extent of bending depends on their wavelength. Red has larger wavelength than blue.

S60. Ans.(d)

Sol. Sound waves are longitudinal waves and as particles vibrate in the same direction of wave, it cannot be polarised. Only transverse waves can be polarized. The displacement of a transverse wave can be in any direction in the plane that is perpendicular to the propagation direction. If the displacements of a transverse wave are restricted to one line, then we say it is polarised. Polarized waves are waves in which the vibrations occur in a single plane. Plane polarized light consists of waves in which the direction of vibration is the same for all waves.

Sound wave shows reflection, refraction and interference.



S61. Ans.(a)

Sol. Mach Speed is the ratio of the speed of a body to the speed of sound in the surrounding medium. Subsonic conditions occur for Mach numbers less than one, $M < 1$.

As the speed of the object approaches the speed of sound, the flight Mach number is nearly equal to one, $M = 1$, and the flow is said to be transonic.

Supersonic conditions occur for Mach numbers greater than one, $1 < M < 3$.

For speeds greater than five times the speed of sound, $M > 5$, the flow is said to be hypersonic.

S62. Ans.(d)

S63. Ans.(b)

Sol. Photoreceptors in the retina are classified into two groups, rods and cones. Rod cells are highly sensitive to light and function in night vision, whereas cone cells are capable of detecting a wide spectrum of light photons and are responsible for colour vision.

S64. Ans.(b)

Sol. Insulators do not have free electrons available to conduct electricity. Materials with larger resistivity values, offer greater resistance to the flow of electric current and are therefore better insulators. Insulators are mainly used in applications where the prevention of the flow of electric charges is required. These materials work as effective non-conductors since they lack movable electric charges required to propagate electric current.

S65. Ans.(a)

Sol. The electrical resistance of a material is dependent on the following factors:

1. The cross-sectional area of the material.
2. Length of the material.
3. The material of the resistor (i.e., resistivity of material).
4. The temperature of the material.

S66. Ans.(b)

Sol. Relationship between different temperature scales:

$$\frac{C}{5} = \frac{F-32}{9} = \frac{R}{4} = \frac{K-273}{5}$$

It is given that $K = F$, then,

$$\frac{K-32}{9} = \frac{K-273}{5}$$

On solving, we get, $K = 574.25$,

So, at 574.25 K, Kelvin thermometer and Fahrenheit thermometer both give the same reading for a certain sample.

Now, 574.25 K on Celsius scale given by,

$$^{\circ}\text{C} = 574.25 - 273 = 301.25^{\circ}\text{C}$$

S67. Ans.(b)

Sol. Chemically, rust is hydrated ferric oxide ($\text{Fe}_2\text{O}_3 \cdot n\text{H}_2\text{O}$). The exposure of iron to oxygen in the presence of moisture leads to the formation of rust. The reaction of the rusting of iron involves an increase in the oxidation state of iron. Oxygen is a very good oxidizing agent whereas iron is a reducing agent. Therefore, the iron atom readily gives up electrons when exposed to oxygen.

S68. Ans.(d)

Sol. Oxygen is essential for combustion. During combustion, oxygen in the atmosphere combines with carbon atoms to produce carbon dioxide and hydrogen atoms to produce water. The three elements that when present together can cause a fire to start are fuel, heat and oxygen.

S69. Ans.(b)

Sol. Sodium is a very reactive metal. It is kept in kerosene to prevent it from coming in contact with oxygen and moisture. If this happens, it will react with the moisture present in air and form sodium hydroxide. This is a strongly exothermic reaction, and lot of heat is generated. Sodium is a very reactive element, it is a strong reducing agent therefore it reduces oxygen and water. Compounds present in kerosene are already reduced hence no further reduction of kerosene oil can take place. Therefore it does not show any reaction with kerosene oil.

S70. Ans.(a)

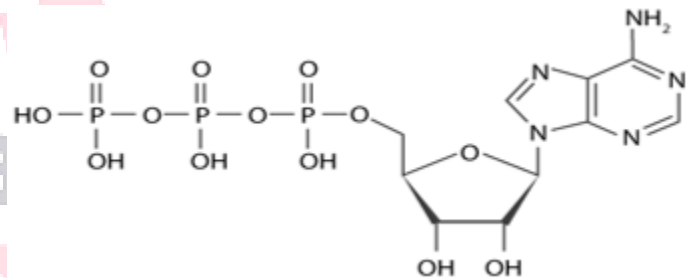
Sol. The chemical composition of pearl is 85% Calcium Carbonate (Aragonite), 10-14% Conchiolin and 2-4% of water (CaCO_3 and H_2O). Conchiolin is a protein.

S71. Ans.(a)

Sol. Bruising, bleeding gums, weakness, fatigue and rash are scurvy symptoms. Scurvy results from a deficiency of vitamin C in the diet. Vitamin C is found in citrus fruits and vegetables. It also plays an important role in maintaining proper immune function.

S72. Ans.(b)

Ans. ATP. Adenosine 5'-triphosphate, or ATP, is the principal molecule for storing and transferring energy in cells. It is often referred to as the energy currency of the cell.



These ATP molecules are synthesized by Mitochondria, therefore it is called powerhouse of the cell.

S73. Ans.(d)

Sol. Amylase enzyme is the present in the human saliva. Saliva contains the enzyme amylase that breaks some starches down into maltose and dextrin. Thus, digestion of food starts within the mouth, even before food reaches the stomach.

S74. Ans.(b)

Sol. Mitochondrion contains its own DNA. Mitochondrion DNA normally inherited exclusively from the mother.

S75. Ans.(a)

Sol. Smallpox vaccine, the first successful vaccine to be developed, was introduced by Edward Jenner in 1796. He followed up his observation that milkmaids who had previously caught cowpox did not later catch smallpox by showing that inoculated cowpox protected against inoculated smallpox.

S76. Ans.(b)

Sol. The dalit alienation from Congress politics was to a large extent the result of Congress approach to the question of caste and untouchability. In its eagerness to avoid socially sensitive issues, it ignored the question till 1917. Gandhiji had made untouchability an issue of public concern and the 1920 Noncooperation resolution mentioned the removal of untouchability as a necessary pre-condition for attaining swaraj. The first meeting of the All India Depressed Classes Conference held at Nagpur in May 1920 under the presidency of the Maharaja of Kolhapur, was the modest beginning. All India Depressed Classes Leaders' Conference held at the same city in 1926. Here the All India Depressed Classes Association was formed, with M.C. Rajah of Madras as its first elected president. Dr. Ambedkar in 1930 at a conference in Nagpur, founded his own All India Depressed Classes Congress and later in 1936 founded his Independent Labour Party, in a bid to mobilise the poor and the untouchables on a broader basis than caste alone.

S77. Ans.(c)

Sol. Several political groups active during the Indian Independence Movement were opposed to the Quit India Movement. These included the Muslim League, the Hindu Mahasabha, the Rashtriya Swayamsevak Sangh, the Communist Party of India and princely states.

- Muslim League: According to Jinnah, it was not in the interest of the Muslims for the British to abandon them in a potentially hostile swamp of Hinduism. This position of the League was actually to keep the British in India—at least for as long as it took to convince them of the case for Pakistan.

- Hindu Mahasabha: It openly opposed the call for the Quit India Movement and boycotted it officially. Shyama Prasad Mukherjee, leader of the Hindu Mahasabha wrote a letter to the British Government as to how they should respond, if the Congress gave a call to the British rulers to quit India- Anybody, who during the war, plans to stir up mass feeling, resulting internal disturbances or insecurity, must be resisted by any Government that may function for the time being.
- Rashtriya Swayamsevak Sangh (RSS) also openly admitted the fact that it did not participate in the Quit India Movement. Government report further noted that in December 1940, orders had been issued to the provincial RSS leaders to desist from any activities that the British Government considered objectionable, and the RSS, in turn, had assured the British authorities that "it had no intentions of offending against the orders of the Government".
- Communist Party of India(CPI): It was officially against the Quit India movement. However, this decision of the CPI was not based on any understanding of the Indian situation by Indian communists. The opposition to the movement was the outcome of a diktat emanating from Russia
- In the Princely States, The movement had less support, as the princes were strongly opposed and funded the opposition.
- Others which were active were Forward Bloc members, Congress Socialist Party and revolutionary terrorists.

S78. Ans.(b)

Sol. The Indian Reform Association was formed on 29 October 1870 with Keshab Chandra Sen as president. It represented the secular side of the Brahmo Samaj and included many who did not belong to the Brahmo Samaj. The objective was to put into practice some of the ideas Sen was exposed to during his visit to Great Britain.

S79. Ans.(b)

Sol. The Veda which deals with the rituals is known as Yajurveda. Rigveda is collection of hymns.

S80. Ans.(b)

Sol. Hoysala dynasty ruled in Deccan India about 1006 to about 1346 CE. The capital of the Hoysalas was initially located at Belur but was later moved to Halebidu. Hoysala temples are sometimes called hybrid or vesara as their unique style seems neither completely Dravida nor nagara, but somewhere in between. The plan (top view) of these temples was similar to a star and is known as a stellate plan. They are made out of soapstone. Due to its softness, the sculptures are intricately carved

S81. Ans.(a)

Sol. Vellanvagai is the land of non-Brahmana peasant proprietors according to the different categories of land which are mentioned in Chola inscriptions.

S82. Ans.(a)

Sol. Rudramadevi was a monarch of the Kakatiya dynasty in the Deccan Plateau modern Andhra Pradesh, from 1263 until her death. She probably began her rule of the Kakatiya kingdom jointly with her father, Ganapatideva, as his co-regent, from 1261-62. She assumed full sovereignty in 1263.

S83. Ans.(b)

Sol. The Vijaya Stambha is an imposing victory monument located within Chittorgarh fort in Chittorgarh, Rajasthan, India. The tower was constructed by the Mewar king, Rana Kumbha, in 1448 to commemorate his victory over the combined armies of Malwa and Gujarat led by Mahmud Khilji.

S84. Ans.(b)

Sol. The Khalsa tradition was initiated in 1699 by the last living Guru of Sikhism, Guru Gobind Singh. Its formation was a key event in the history of Sikhism. The founding of Khalsa is celebrated by Sikhs during the festival of Vaisakhi, the Sikh new year.

S85. Ans.(b)

Sol. Guru Har Krishan was the eighth of ten Gurus of the Sikh religion. Guru Har Krishan had the shortest tenure as Guru, lasting only 2 years, 5 months and 24 days. Guru Tegh Bahadur was the successor of sikh guru Har Krishan.

S86. Ans.(b)

Sol. Queen Didda was the ruler of Kashmir from 958 CE to 1003 CE, first as a Regent for her son and various grandsons, and from 980 as sole ruler and monarch.

S87. Ans.(a)

Sol. Sudharak, meaning Reformer, was a newspaper in India. It was founded in 1888 by Gopal Ganesh Agarkar, who had previously edited Kesari. Paridasak was a Bengali weekly written by Bipin Chandra Pal and Pratap was a revolutionary weekly written by Ganesh Shankar Vidyarthi.

S88. Ans.(d)

Sol. In the thirteenth century, Madhava from Kannada region propagated Dvaita or dualism of Jivatma and Paramatma. According to his philosophy, the world is not an illusion but a reality. God, soul, matter are unique in nature. In the ninth century Sankaracharya started a Hindu revivalist movement giving a new orientation to Hinduism. He was born in Kaladi in Kerala. His doctrine of Advaita or Monism was too abstract to appeal to the common man. Moreover, there was a reaction against the Advaita concept of Nirgunabrahman (God without attributes) with the emergence of the idea of Sagunabrahman (God with attributes).

- In the twelfth century, Ramanuja, who was born at Sriperumbudur near modern Chennai, preached Visishtadvaita. According to him God is Sagunabrahman. The creative process and all the objects in creation are real but not illusory as was held by Sankaracharya. Therefore, God, soul, matter are real. But God is inner substance and the rest are his attributes.

- Dvaitadvaita of Nimbaraka: Dvaitadvaita means dualistic monism. According to this philosophy God transformed himself into world and soul. This world and soul are different from God (Brahman). They could survive with the support of God only. They are separate but dependent.
- Suddhadvaita of Vallabhacharya: Vallabhacharya wrote commentaries on Vedanta Sutra and Bhagavad Gita. For him Brahman (God) was Sri Krishna who manifested himself as souls and matter. God and soul are not distinct, but one. The stress was on pure non-dualism. His philosophy came to be known as Pushtimarga (the path of grace) and the school was called Rudrasampradaya.

S89. Ans.(a)

Sol.

String Puppetry	Shadow Puppetry	Rod Puppetry	Glove Puppetry
Gombeyata (Karnataka)	Togalu Gombeyata (Karnataka)	Putul Nauch (West Bengal)	Paavakoothu (Kerala)
Bommalattam (Tamil Nadu)	Tholu Bommalata (Andhra Pradesh)	Yampuri (Bihar)	
Kuthputli (Rajasthan)	Tholpavakoothu (Kerala)		
Kundhei (Odisha)	Ravanachaya (Odisha)		

S90. Ans.(c)

Sol. Ghulamgiri is written by Jyotiba Phule.

S91. Ans.(d)

Sol. Statement (d) is incorrect:

A bill is not to be deemed to be a money bill by reason only that it provides for:

- (a) the imposition of fines or other pecuniary penalties, or
- (b) the demand or payment of fees for licenses or fees for services rendered; or
- (c) the imposition, abolition, remission, alteration, or regulation of any tax by any local authority or body for local purposes

S92. Ans.(d)

Sol. Statement 1 is correct: All doubts and disputes in connection with the election of the President are inquired into and decided by the Supreme Court whose decision is final. The election of a person as President cannot be challenged on the ground that the electoral college was incomplete (ie, the existence of any vacancy among the members of the electoral college).

Statement 2 is incorrect: President is declared void by the Supreme Court (Not any court), acts done by him before the date of such declaration are not invalidated and continue to remain in force

Statement 3 is incorrect: While counting the vote value of each MP or MLA the population base of census 1971 (not 2001) is used.

S93. Ans.(d)

Sol. Statement 1 is incorrect

the Indian council act 1919 extended the principle of a separate electorate further to include Sikhs Anglo Indians Indian Christians and Europeans. It was an extension of the Indian Councils Act 1909 which allowed a system called "separate electorate" for the first time under which Muslims were to be elected by Muslim voters only.

Statement 2 is incorrect

The Govt of India Act 1935 act divided the powers between the Centre and provinces in terms of three lists -Federal List Provincial List, and Concurrent list. Reserved subjects were controlled by the Governor-General and counselors included defense, ecclesiastical affairs (church-related), external affairs, press, police, taxation, justice, power resources, and tribal affairs

S94. Ans.(b)

Sol. Under article 361 No criminal proceedings shall be instituted or continued against the President or the Governor in any court during his term of office.

Further

Article 361-A provides that no person shall be liable to any civil or criminal proceedings in any court in respect of the publication in a newspaper (or by radio or television) of a substantially true report of any proceedings of either House of Parliament or either House of the Legislature of a State. Hence Statement (b) is incorrect

S95. Ans.(c)

Sol.

(1) Statement 1 is incorrect: The tenth schedule of the constitution which deals with anti-defection law (not a representation of Peoples act 1950) provides that if any nominated member joins any political party after the expiry of six months he shall be disqualified.

(2) Statement 2 is incorrect: The president of India (not the speaker) can disqualify an MP of Lok Sabha if he is a director or managing agent nor hold an office of profit in a corporation in which the government has at least 25 percent share after the advice of election commission under the representation people act 1950.

S96. Ans.(c)

Sol. Statement (c) is correct: Substantive Motion: It is a self-contained independent proposal dealing with a very important matter like the impeachment of the President or removal of the Chief Election Commissioner.

Substitute Motion: It is a motion that is moved in substitution of an original motion and proposes an alternative to it. If adopted by the House, it supersedes the original motion

Ancillary Motion: It is used as the regular way of proceeding with various kinds of business.

S97. Ans.(b)

Sol. The Epidemic Diseases Act, 1897 lays down punishment as per Section 188 of the Indian Penal Code, 1860. In the past, the Act has been routinely enforced across the country for dealing with outbreaks of diseases such as swine flu, dengue, and cholera. Its penal provisions are currently being invoked by states to contain the COVID-19 pandemic, for flouting orders issued by various state governments to contain the spread of COVID-19

S98. Ans.(d)

Sol. Statement 1 is incorrect: Article 243K(1): States that the superintendence, direction, and control of the preparation of electoral rolls for, and the conduct of, all elections to the Panchayats (Municipalities under Article 243ZA) shall be vested in a State Election Commission consisting of a State Election Commissioner to be appointed by the Governor.

Statement 2 is incorrect: On 16 October 1989, the president appointed two more election commissioners to cope with the increased work of the election commission on account of lowering of the voting age from 21 to 18 years. Thereafter, the Election Commission functioned as a multimember body consisting of three election commissioners. However, the two posts of election commissioners were abolished in January 1990 and the Election Commission was reverted to the earlier position. Again in October 1993, the president appointed two more election commissioners. Since then and till today, the Election Commission has been functioning as a multi-member body consisting of three election commissioners

Statement 3 is incorrect: Article 243K(2): States that the tenure and appointment will be directed as per the law made by the state legislature. However, State Election Commissioner shall not be removed from his/her office except in the like manner and on the like grounds as a Judge of a High Court.



S99. Ans.(d)

Sol. Both the statements are incorrect

There are two major differences between disapproval and proclamation:

(1) The first one is required to be passed by the Lok Sabha only, while the second one needs to be passed by both Houses of Parliament.

(2) The first one is to be adopted by a simple majority only, while the second one needs to be adopted by a special majority.

Every resolution approving the proclamation of emergency or its continuance must be passed by either House of Parliament by a special majority, that is, (a) a majority of the total membership of that house, and (b) a majority of not less than two-thirds of the members of that house present and voting. This special majority provision was introduced by the 44th Amendment Act of 1978. Previously, such a resolution could be passed by a simple majority of the Parliament.

S100. Ans.(d)

Sol. Statement 1 is incorrect: Any bill originated to form new states or alter the areas, boundaries, or names of the existing states must be introduced in the Parliament with the prior recommendation of the President who has referred the same to the state legislature concerned for expressing its views within a specified period but he is not bound by the views of the states. He can either accept or reject it. The constitution of India has provided parliament the right to draw its political map without the consent of states.

Statement 1 is incorrect: The distribution of legislative powers between the Centre and the states is rigid. Consequently, the Centre cannot delegate its legislative powers to the states and a single state cannot request the Parliament to make a law on a state subject. The distribution of executive power in general follows the distribution of legislative powers. But, such a rigid division in the executive sphere may lead to occasional conflicts between the two. Hence, the Constitution provides for inter-government delegation of executive functions in order to mitigate rigidity and avoid a situation of deadlock.

S101. Ans.(d)

Sol. Statement 1 and 3 are incorrect: The Supreme Court can issue writs only for the enforcement of the Fundamental Rights and not for other purposes. The high court, on the other hand, can issue writs not only for the enforcement of the fundamental rights but also for other purposes.

Statement 2 is incorrect: Article 31A saves five categories of laws from being challenged and invalidated on the ground of contravention of the fundamental rights conferred by Article 14 (equality before the law and equal protection of laws) and Article 19 (protection of six rights in respect of speech, assembly, movement, etc. It includes the following:

- 1) Acquisition of estates and related rights by the State;
- 2) Taking over the management of properties by the State;
- 3) The amalgamation of corporations;
- 4) Extinguishment or modification of rights of directors or shareholders of corporations; and
- 5) Extinguishment or modification of mining leases.

S102. Ans.(d)

Sol. (1) India is a founding member of the ILO and it has been a permanent member of the ILO Governing Body since 1922. The eradication of Child Labour is part of the **UN Sustainable Development Goal Target 8.7. UN General Assembly has declared 2021 as the year for the elimination of child labor.**

(2) India has ratified six out of the eight-core/fundamental ILO conventions. These conventions are:

- (a) Forced Labour Convention (No. 29)
- (b) Abolition of Forced Labour Convention (No.105)
- (c) Equal Remuneration Convention (No.100)
- (d) Discrimination (Employment Occupation) Convention (No.111)
- (e) Minimum Age Convention (No.138)
- (f) Worst forms of Child Labour Convention (No.182)

Note -India has not ratified the two core/fundamental conventions, namely Freedom of Association and Protection of the Right to Organise Convention, 1948 (No. 87) and Right to Organise and Collective Bargaining Convention, 1949 (No. 98).

The main reason for the non-ratification of ILO conventions No.87 & 98 is due to certain restrictions imposed on the government servants. The ratification of these conventions would involve granting of certain rights that are prohibited under the statutory rules, for the government employees, namely, the right to strike, to openly criticize government policies, to freely accept a financial contribution, to freely join foreign organizations, etc.

S103. Ans.(d)

Sol. Statement 1 is correct: Every Panchayat at the village level is required to obtain from the Gram Sabha a certification of the utilization of funds by that Panchayat for such plans, programs, and projects implemented.

Statement 2 is correct: MGNREGA guarantees a hundred days of wage employment in a financial year, to a rural household whose adult members volunteer to do unskilled manual work. Individual beneficiary oriented works can be taken up on the cards of Scheduled Castes and Scheduled Tribes, small or marginal farmers or beneficiaries of land reforms or beneficiaries under the Indira Awaas Yojana of the Government of India.

Within 15 days of submitting the application or from the day work is demanded, wage employment will be provided to the applicant.

Right to get unemployment allowance in case employment is not provided within fifteen days of submitting the application or from the date when work is sought.

Receipt of wages within fifteen days of work done. Variety of permissible works which can be taken up by the Gram Panchayaths. The Gram Sabha is the principal forum for wage seekers to raise their voices and make demands.

It is the Gram Sabha and the Gram Panchayat which approves the shelf of works under MGNREGA and fix their priority.

Statement 3 is incorrect: Members of Parliament Local Area Development Schemes (MPLADS) is a scheme formulated by the Government of India on 23 December 1993 that enables the members of parliaments (MP) to recommend developmental work in their constituencies with an emphasis on creating durable community assets based on locally felt needs. Initially, this scheme was administered by the Ministry of Rural Development. Later, in October 1994, the Ministry of Statistics and Programme Implementation (MOSPI) has been looking into its work. Each MP is allocated Rs. 5 crores per year since 2011-12 which has been increased from Rs. 5 lakh in 1993-94 and Rs. 2 crores in 1998-99. MoSPI disburses funds to district authorities, not directly to MPs.

A State level nodal department is chosen, which is responsible for supervision and monitoring and maintaining coordination with line departments. District authorities (DAs) sanction the work recommended by MPs; sanction funds; identify implementation agency and user agency, implement the work on the ground, transfer assets to user agency, and report back to the ministry about the status of MPLADS in the district. The funds are not transferred to gram panchayats hence statement 3 is incorrect.

S104. Ans.(c)

Sol. The state legislature makes provision with respect to all matters relating to elections to the municipalities. But, the conduct of elections is vested with the SEC, not the ECI which conducts elections at the Union and state levels. DPCs are bodies constituted by indirect elections by bodies like municipalities and panchayats. It can never conduct or supervise their polling.

S105. Ans.(c)

Sol. Statement 1 is incorrect The Petroleum and Natural Gas Regulatory Board (PNGRB) was constituted under The Petroleum and Natural Gas Regulatory Board Act, 2006 (not 2005) The Act provides for the establishment of Petroleum and Natural Gas Regulatory Board to protect the interests of consumers and entities engaged in specified activities relating to petroleum, petroleum products, and natural gas and to promote competitive markets and for matters connected therewith or incidental thereto.

Statement 3 is correct: This also regulates the *Open Acreage Licensing Policy (OALP)* ? A critical part of the *Hydrocarbon Exploration and Licensing Policy* Provides *uniform licenses for exploration and production of all forms of hydrocarbons*, enabling contractors to explore conventional as well as unconventional oil and gas resources. Under the OALP, once an explorer selects areas after evaluating the National Data Repository (NDR) and submits the EoI, it is to be put up for competitive bidding and the entity offering the maximum share of oil and gas to the government is awarded the block.

Statement 2 is correct: Natural gas is a superior fuel as compared with coal and other liquid fuels being an environment friendly, safer, and cheaper fuel. Natural Gas is supplied through pipelines just like one gets water from the tap. There is no need to store cylinders in the kitchen and thus saves space. Natural Gas (as CNG) is cheaper by 60% as compared with petrol and 45 % w.r.t. Diesel. Similarly, Natural Gas (as PNG) is cheaper by 40 % as compared with market price LPG and the price of PNG almost matches that of subsidized LPG (based on prices in Delhi).

S106. Ans.(a)

Sol. In economics, an inferior good is a good whose quantity demanded decreases when consumer income rises.

S107. Ans.(b)

Sol. In economics, normal goods are any goods for which demand increases when income increases, and falls when income decreases but price remains constant, i.e. with a positive income elasticity of demand.

S108. Ans.(c)

Sol. The Capital Account balance is equal to capital flows from the rest of the world, minus capital flows to the rest of the world.

S109. Ans.(b)

Sol. The balance of trade (BOT) is the difference between a country's imports and its exports for a given time period. The balance of trade is the largest component of the country's balance of payments (BOP).

S110. Ans.(b)

Sol. Micro economics deals with the decision making of a single economic variable like demand.

S111. Ans.(d)

Sol. An inferior good is a good whose quantity demanded decreases when consumer income rises unlike normal goods, for which the opposite is observed. Normal goods are those for which consumers demand increases when their income increases.

S112. Ans.(a)

Sol. In economic equilibrium, supply is equal to the demand.

S113. Ans.(b)

Sol. In economics, a production function relates physical output of a production process to physical inputs or factors of production in a firm.

S114. Ans.(c)

Sol. An isoquant is a contour line drawn through the set of points at which the same quantity of output is produced while changing the quantities of two or more inputs. In other words, Isoquant is the set of all possible combinations of the two inputs that yield the same maximum possible level of output.

S115. Ans.(b)

Sol. The nominal exchange rate is defined as the number of units of the domestic currency that can purchase a unit of a given foreign currency and vice versa.

S116. Ans.(b) Coral reefs are the colonies of tiny living creatures that are found in oceans. They are the underwater structures that are formed of coral polyps that are held together by calcium carbonate. Coral reefs are also regarded as the tropical rainforest of the sea and occupy just 0.1% of the ocean's surface but are home to 25% of marine species. These have greater biodiversity than tropical rainforests. Corals can be found in all the oceans but the biggest coral reefs are mostly found in the clear, shallow waters of the tropics and subtropics. The most favourable temperature for the growth of the coral reefs is between 23°C to 25°C. The temperature should not exceed 35°C. Corals can survive only under saline conditions with an average salinity between 27% to 40%. India has its coastline extending over 7500 kilometres. It is due to the subtropical climatic conditions, there are a very few coral reefs in India. The major coral reefs in India includes the Palk Bay, the Gulf of Mannar, the Gulf of Kutch, the Andaman and Nicobar Islands and Lakshadweep Islands.

S117. Ans.(b) Some of the critically endangered species-

Sol.

Mammals	<ul style="list-style-type: none"> • Large Rock Rat or Elvira Rat • Namdapha Flying Squirrel. • Malabar Civet • Sumatran Rhinoceros and Javan Rhinoceros
Birds	<ul style="list-style-type: none"> • Siberian Crane and Spoon-billed Sandpiper • Bengal Florican • Great Indian Bustard • Indian Vulture, Red-headed Vulture, Slender-billed Vulture and Whitebacked Vulture.
Fishes	<ul style="list-style-type: none"> • Pondicherry Shark and Ganges Shark • Large-tooth Sawfish and Long-comb Sawfish or Narrow-snout Sawfish
Recent changes in the IUCN Red List	<ul style="list-style-type: none"> • Pygmy Hog: Status changed from Critically Endangered (CR) to Endangered (EN). • Kondana Rat: Status changed from Critically Endangered (CR) to Endangered (EN) • Leatherback Turtle: Status changed from Critically Endangered (CR) to Vulnerable (VU).

S118. Ans.(c)

Sol. TRAFFIC was founded in 1976 as a strategic alliance of the World Wide Fund for Nature (WWF)

Sol. and the International Union for the Conservation of Nature (IUCN). TRAFFIC works to ensure that trade in wild plants and animals is not a threat to the conservation of nature. TRAFFIC focuses on leveraging resources, expertise and awareness of the latest globally urgent species trade issues such as tiger parts, elephant ivory and rhino horn.

S119. Ans.(c)

Sol. Readiness for Investment in Sustainable Energy (RISE), developed by the World Bank Group, is a suite of indicators that assesses the legal and regulatory environment for investment in sustainable energy. It establishes a framework for better depicting the national enabling environment to attract investment into sustainable energy. RISE is aimed at policymakers who focus on actions within their control. Creating this environment is directed by policymakers—the primary constituency RISE aims to influence. RISE supports the achievement of the objectives of the Sustainable Energy for All (SE4ALL)

Sol. initiative.

S120. Ans.(a)

Sol. Short-lived climate pollutants are powerful climate forcers that remain in the atmosphere for a much shorter period of time than carbon dioxide (CO₂), yet their potential to warm the atmosphere can be many times greater. Certain short-lived climate pollutants are also dangerous air pollutants that have harmful effects for people, ecosystems and agricultural productivity. The short-lived climate pollutants black carbon, methane, tropospheric ozone, and hydro fluorocarbons are the most important contributors to the man-made global greenhouse effect after carbon dioxide, responsible for up to 45% of current global warming. They primarily come from fossil fuel production and combustion. Due to SLCP'S immense contributions to climate change per molecule emitted, reducing short-lived climate pollutants can be very cost-effective. Actions taken in the immediate future to address them could slow the planet's warming 0.6 degrees by mid-century.

S121. Ans.(b)

Sol. Ozone present in the stratosphere, acts as a protection from U.V. light. Without this protective shield, all life would be more susceptible to cancer, impaired immunity and other health issues. Whereas the ozone present in the troposphere, which is close to earth surface, can damage our lungs. Hence it is not good for breathing.

S122. Ans.(b)

Sol.

The correctly matched pairs are:
 Shivpuri National Park - MP
 Dudhwa National Park - UP
 Manas National Park - Assam
 Corbett National park - Uttarakhand

S123. Ans.(a)

Sol. It is also known as Usara soils. It contain a larger proportion of sodium, potassium and magnesium, and thus, they are infertile, and do not support any vegetative growth.

They lack in nitrogen and calcium. Saline soils are more widespread in western Gujarat, deltas of the eastern coast and in Sunderban areas of West Bengal.

S124. Ans.(c)

Sol.

The correctly matched pairs are:
 Zulus South Africa
 Bindibu Australia
 Bushman Kalahari desert
 Turregs Sahara

S125. Ans.(c)

Sol. Lake Assal is a crater lake in the Danakil Desert in central Djibouti. Dormant volcanoes and black lava fields back its emerald water. More than 150m below sea level, it's the lowest point in Africa.

S126. Ans.(a)

Sol. Delhi ridge in the northwest, (extension of Aravalis), the Rajmahal hills in the and the Cardamom hills in the south constitute the outer extent of the Peninsular plateau.

- However, an extension of this is also seen in the northeast, in the form of Shillong and Karbi-Anglong plateau.

The Peninsular India is made up of a series of patland plateaus such as the Hazaribagh plateau, the Palamu plateau, the Ranchi plateau, the Malwa plateau, the Coimbatore plateau and the Karnataka plateau, etc.

S127. Ans.(c)

Sol. The Supreme Court intervened on behalf of the critically endangered Great Indian Bustards over the birds falling dead after colliding with power lines running through their dwindling natural habitats in Gujarat and Rajasthan. It is the State bird of Rajasthan.

Habitat: Bustards generally favour flat open landscapes with minimal visual obstruction and disturbance, therefore adapt well in grasslands.

They are listed in Appendix I of CITES, Listed as Critically Endangered on the IUCN Red List.

S128. Ans.(d)

Sol. The correctly matched pairs are:
 Tse La Arunachal Pradesh
 Shipki La Himachal Pradesh
 Palghat kerala
 Rohtang Himacha Pradesh

S129. Ans.(b)

Sol. The correctly matched pairs are:
 Bundla Bundla
 Hundru Falls Subernekhya
 Lodh Budha
 Jog Sharavati

S130. Ans.(a)

Sol. The correctly matched pairs are:
 Chandra Himachal Pradesh
 Zemu Sikkim
 Ralam Uttarakhand
 Biafo Jammu and Kashmir



S131. Ans.(a)

Sol. A Western Disturbance is an extratropical storm originating in the Mediterranean region that brings sudden winter rain to the northwestern parts of the Indian subcontinent.

S132. Ans.(d)

Sol. About 90% of the ozone in the Earth's atmosphere is found in the region called the Stratosphere. This is the atmospheric layer between 16 and 48 kilometers (10 and 30 miles) above the Earth's surface.

S133. Ans.(a)

Sol. The Great Barrier Reef is the world's largest coral reef system. The reef is located in the Coral Sea, off the coast of Queensland, Australia in Pacific Ocean.

S134. Ans.(d)

Sol. Marina Beach in Chennai is the longest natural beach in India

S135. Ans.(b)

Sol. Damodar Valley region is most rich in coal deposits.

S136. Ans.(a)

Sol. Maharashtra has topped India's list in the number of micro, small and medium enterprises (MSME) owned by entrepreneurs from the Scheduled Castes with as many as 96,805 enterprises.

S137. Ans.(a)

Sol. Rafael Nadal won his record-breaking 21st Grand Slam title after making a stunning comeback in the men's singles final at the Australian Open 2022. He defeated world No. 2 Daniil Medvedev, 2-6, 6-7 (5), 6-4, 6-4, 7-5 in the final match that lasted 5 hours and 24 minutes.

S138. Ans.(d)

Sol. World no. 1 Ashleigh Barty became the first Australian woman to win Australian Open since Christine O'Neil in 1978. Barty beat world no. 27 Danielle Collins 6-3, 7-6(2) in the women's singles final on January 29, 2022.

S139. Ans.(a)

Sol. The World Gold Council (WGC) in its 'Gold Demand Trends 2021' Report has informed that the global gold demand rose 10 percent in 2021 to 4,021.3 tonnes.

S140. Ans.(d)

Sol. The world's largest canal lock has been inaugurated at Ijmuiden, a small port city, in the Port of Amsterdam, The Netherlands.

S141. Ans.(b)

Sol. The World Leprosy Day is observed globally on the last Sunday of January every year. In 2022, the World Leprosy Day falls on January 30, 2022.

S142. Ans.(a)

Sol. The World Neglected Tropical Diseases Day (World NTD Day) is observed on January 30. 2022 theme is 'Achieving health equity to end the neglect of poverty-related diseases'.

S143. Ans.(d)

Sol. Rafael Nadal (Spain) defeated Daniil Medvedev (Russia) 2-6,6-7,6-4,6-4,7-5 to win the Men's Single title at Australian Open 2022.

S144. Ans.(c)

Sol. Argentina defeated Chile, 4-2 to win its 6th women's field hockey championship title at the 2022 Women's Pan American Cup.

S145. Ans.(d)

Sol. The Geological Survey of India (GSI), Ministry of Mines, approved the setting up of India's first geological park at Lamheta village, on the banks of the Narmada River in Jabalpur, Madhya Pradesh.

S146. Ans.(c)

Sol. Chief Electoral Officer's office of Punjab unveiled its election mascot, "Shera" (Lion).

S147. Ans.(d)

Sol. Social activists have built a temple for Mahatma Gandhi and freedom fighters' Smrithi Vanam at the Municipal Park in Srikakulam, Andhra Pradesh.

S148. Ans.(c)

Sol. South Korean electronics manufacturing giant, Samsung Electronics surpassed U.S chipmaker Intel to become the world's leading chipmaker by revenue in 2021

S149. Ans.(a)

Sol. Leftist Xiomara Castro was sworn in as the first woman President of Honduras. She vowed to reform the crime-and poverty-stricken nation into a "socialist and democratic state."

S150. Ans.(b)

Sol. The World Wetlands Day is observed every year on February 2 all over the world.

S151. Ans.(d)

Sol. North Korea successfully tested its Hwasong-12 intermediate-range ballistic missile on January 30, 2022 from the Jagang Province area.

S152. Ans.(d)

Sol. The Prime Minister of Portugal, Antonio Costo, has been re-elected after his centre-left Socialist Party secured landslide victory in the 2022 Portuguese legislative election.

S153. Ans.(a)

Sol. World Interfaith Harmony Week is an annual event observed during the first week of February (1-7 February), after General Assembly designation in 2010.

S154. Ans.(d)

Sol. The women's team from Ladakh has lifted the 9th National Women's Ice Hockey Championship in Himachal Pradesh.

S155. Ans.(c)

Sol. Noted Indian historian, archaeologist and epigraphist from Tamil Nadu, Ramachandran Nagaswamy, has passed away. He was 91.

S156. Ans.(d)

Sol. Ujjivan Small Finance Bank (SFB) launched 'Platina Fixed Deposit', offering interest of 15 basis points (bps) higher than the regular term deposit rates provided by Ujjivan SFB.

S157. Ans.(c)

Sol. Governments of Himachal Pradesh and Haryana signed an MoU at Panchkula, for the construction of Adi Badri Dam that would come up on 77 acres in Himachal Pradesh near Adi Badri area of Yamuna Nagar district of Haryana.

S158. Ans.(b)

Sol. CSIR-Central Drug Research Institute (CDRI) has developed an indigenous RT-PCR diagnostic kit, 'Om', for the testing of Omicron variant of coronavirus.

S159. Ans.(d)

Sol. P S Vinothraj directed film Koozhangal from India won the best film award in the Asian Film Competition section at the 20th Dhaka International Film Festival.

S160. Ans.(b)

Sol. India's first Chief of Defence Staff Bipin Rawat will be posthumously honoured with the Padma Vibhushan award. The CDS had died in a tragic helicopter crash in Tamil Nadu in December 2021.

S161. Ans.(c)

Sol. Except (c) all follow 1st × 3 + 2 Pattern.

S162. Ans.(b)

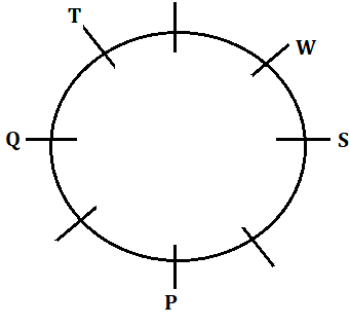
Sol.
RIVER → ERVRI

↖ ↗
 Inter change 1st two latter with last two latter.

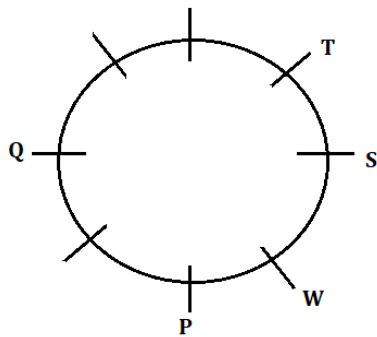
TRAIN → INATR

Solutions (176-180): Two persons sit between P and T from here we have two cases i.e. case 1 and case 2. W sits second to the right of T. Both Q and S are sitting opposite to each other. Both W and Q are not adjacent to each other.

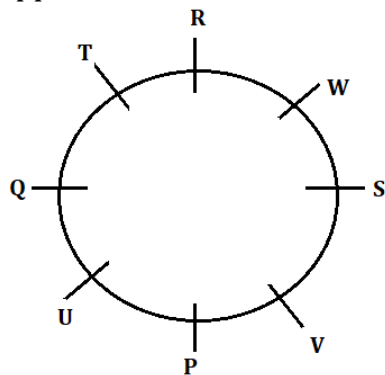
Case 1



Case 2



V sits immediate left of P and from here our case 2 get eliminated and we have case 1. R is not sit opposite to W.



S176. Ans.(a)

S177. Ans.(a)

S178. Ans.(d)

S179. Ans.(b)

S180. Ans.(b)

S181. Ans.(a)

Sol. The Pravara River is a tributary of the Godavari River. Its birthplace is in Maharashtra.

S182. Ans.(a)

Sol. Operation Muskan was launched by the Telangana government to curb child trafficking and child labor.

S183. Ans.(d)

Sol. The Dalit Bandhu scheme was launched on August 4, 2021 in Vasala Marri village, the adopted village of CM KCR. It was decided to start the scheme first as a pilot project in Huzurabad constituency. 10 lakh will be credited in their accounts to the selected beneficiaries through this scheme.

S184. Ans.(a)

Sol. The Telangana government has launched the FAST scheme to provide free education from KG to PG.

S185. Ans.(b)

Sol. As a part of Mana Uru - Mana Badi scheme, all government schools will be provided with infrastructure, classroom repairs, English medium education and digital classroom management facilities. The scheme was started on March 8 at Vanaparathi Boys' School.

S186. Ans.(b)

Sol. The Telangana government has provided an insurance cover of Rs 5 lakh to handloom workers in 2022.

S187. Ans.(a)

Sol. The Dharani Portal was launched on October 29, 2020 to provide quick services to farmers on land registration and implementation of mutations as a solution to land issues. Telangana was the first state to introduce information technology on land.

S188. Ans.(d)

Sol. The area of double bedroom houses being constructed by the Telangana government is 560 square feet.

S189. Ans.(c)

Sol. The government will provide financial assistance of Rs 10 lakh to the families of Telangana martyrs.

S190. Ans.(d)

Sol. The official emblem of Telangana was designed by Ale Laxman. The emblem is circular with a Kakatiya artwork in the center, with the Charminar symbol in the center and the national emblem on it. Around it is Government of Telangana written in English and Telangana prabhutvam written in Telugu and Urdu.

S191. Ans.(b)

Sol. Dokra Metal is a tribal metal craft widely found in the Jainur Zone of Adilabad District. These are made of brass.

S192. Ans.(c)

Sol. Upper Maneru Project was built in 1954 on the Maneru River in Narmala village in Rajanna Sirisilla district.

S193. Ans.(c)

Sol. Mahabubnagar and Adilabad districts have the lowest literacy rate in Telangana as per 2011 census. Districts with high literacy rate - Hyderabad, Rangareddy. State literacy is 66.46%.

S194. Ans.(c)

Sol. The Kandikal and Rakhi mountains are mainly spread over the Karimnagar district.

S195. Ans.(b)

Sol. According to the 2011 census, the sex ratio in Telangana is 988: 1000

Districts with high sex ratio in Telangana

1. Nizamabad (1040) 2. Khammam (1011)

Districts with low sex ratio 1. Hyderabad (954) 2. Rangareddy (961)

S196. Ans.(c)

Sol. Mallanna Sagar, the second largest reservoir in Telangana, built as part of the Kaleshwaram project, was inaugurated on February 24 by Chief Minister KCR Garu and dedicated to the nation with capacity of 50 TMCs in Thoguta zone of Siddipet district.

S197. Ans.(d)

Sol. R. Vidyasagar Rao was the advisor on Irrigation Projects of telangana.His birthday is celebrated on November 14 as Telangana Irrigation Day. In recognition of his services to the Telangana irrigation sector, the Dindi lift Irrigation project was named after him.

S198. Ans.(c)

Sol. Prasad- Pilgrimage Rejuvenation And Spiritual Augmentation Drive was launched by the Central Government on March 9, 2015 for the development of pilgrimage sites. Its purpose is to provide infrastructure facilities at pilgrimage sites, increase the importance of pilgrimages and develop them into world-class tourist destinations. Bhadrachalam and Ramappa temples from Telangana have been selected for the scheme.

S199. Ans.(d)

Sol. Pochampally Ikkat (2004-05) was the first object to get Geographical Identification (GI) from Telangana region and 12 objects from Telangana have got Geographical Identity so far.

S200. Ans.(b)

Sol. Arogyasree scheme was started with the objective of providing good medical care with free of cost to the poor. At present there is a maximum limit of Rs 2 lakh per family for treatment under the Arogya Sree scheme but in the new Telangana budget this limit has been increased to Rs 5 lakh. one can also avail free medical services in private hospitals with Arogyasree Card.

