1. Appellate Jurisdiction of Supreme Court in regard to criminal matters is
   (A) Related to political matters only
   (B) Unlimited
   (C) Not defined in the Constitution
   (D) Limited

2. In 2024, which international agreement on Artificial Intelligence was signed by over 25 countries including the USA and UK to promote safe AI development ?
   (A) Ethical AI Convention
   (B) Bletchley Declaration
   (C) AI Geneva Charter
   (D) Global AI Framework Agreement

3. Which of the following are present in higher amount in hard water ?
   (A) Sodium and Magnesium
   (B) Calcium and Magnesium
   (C) Sodium and Manganese
   (D) Calcium and Sodium

4. Mule Hunter. ai has been introduced by
   (A) CERT-In
   (B) RBI
   (C) NPCI
   (D) SEBI

5. Glycogen is primarily stored in which organs of human beings ?
   (A) Liver and muscles
   (B) Skin and bones
   (C) Brain and spinal cord
   (D) Kidneys and lungs

6. Which of the following is the odd one ?
   (A) Madrid
   (B) London
   (C) Berlin
   (D) Paris

7. With reference to the Vijayanagara Empire, consider the following statements.
   1. The Vijayanagara Empire was founded by Harihara I and Bukka I.
   2. Krishnadevaraya, the greatest ruler of the Tuluva dynasty, authored 'Amuktamalyada' in Telugu.
   3. The city of Hampi, the capital of Vijayanagara, was sacked after the Battle of Talikota.
   How many of the statements given above are correct ?
   (A) Only one
   (B) All three
   (C) Only one and three
   (D) None of the above

8. Which of the following does *not* belong in the group ?

(A) Bat

(B) Pigeon

(C) Eagle

(D) Sparrow

9. The base year for GDP, CPI and IIP has been revised to the following

(A) 2023-24, 2022-23, 2022-23 respectively

(B) 2022-23, 2023-24, 2022-23 respectively

(C) 2022-23, 2022-23, 2023-24 respectively

(D) 2023-24, 2023-24, 2022-23 respectively

10. There are 1400 students in a school, 25% of those wear spectacles and 2/7 of those wearing spectacles are boys. How many girls in the school wear spectacles ?

(A) 250

(B) 100

(C) 200

(D) 300

11. Seema's age after 15 years will be 5 times her age 5 years back. What is Seema's present age ?

(A) 15 years

(B) 10 years

(C) 50 years

(D) 5 years

12. Manganese is present in highest oxidation state in

(A) $Mn_2(CO)_{10}$

(B) MnO_4^{2-}

(C) MnO_2

(D) $KMnO_4$

13. Who among the following addresses the first session after each General Election to the House of People ?

(A) Prime Minister

(B) Parliamentary Affairs Minister

(C) President

(D) Speaker of the Lok Sabha

14. The sides of a triangle are in the ratio 6 : 8 : 12, then it is a _____ triangle.

(A) Right angled

(B) Isosceles

(C) Equilateral

(D) Scalene

15. Which of the following statement is true about phytochrome ?

(A) It is a photosynthetic pigment

(B) Phytochromes produce fluorescence

(C) It is a biological proteinaceous pigment

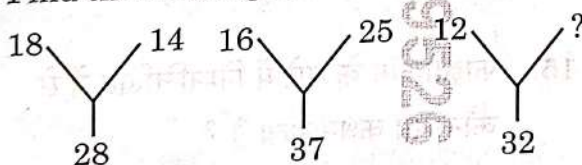(D) The site of phytochrome production is stem

16. Find the missing number to complete the grid.

5	30	25
6	?	30
7	56	49

(A) 47

(B) 36

(C) 56

(D) 90

17. Kunwar Singh fought his last war against which English captain ?

(A) Eyre

(B) Lugard

(C) Le Grand

(D) Douglas

18. Find the missing term.

18 \/ 14   16 \/ 25   12 \/ ?
   28   37   32

(A) 28

(B) 24

(C) 36

(D) 32

19. Which of the following does *not* belong in the group ?

(A) Leopard

(B) Lion

(C) Elephant

(D) Tiger

20. The probability that a leap year has 53 Wednesdays

(A) 1

(B) 2/7

(C) 3/7

(D) 1/7

21. Which of the following countries was officially invited to join the BRICS group during the 2023 Johannesburg Summit ?
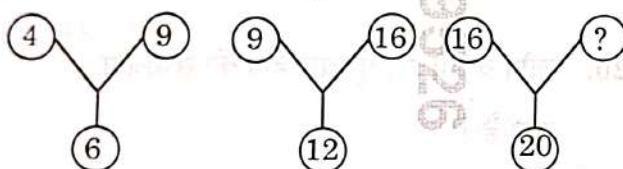
(A) Mexico

(B) Argentina

(C) Indonesia

(D) Turkey

22. Who discovered the process of fermentation ?

(A) Ernst Haeckel

(B) Louis Pasteur

(C) Robert Koch

(D) Joseph Lister

23. Find the missing term.

(A) 88

(B) 20

(C) 25

(D) 30

24. Consider the following statements :

1. Except for some hills of Champaran, the remaining plain area of North Bihar is completely flat.

2. The plains of North Bihar are spread over approximately 90,000 sq. km.

3. The plains of South Bihar are spread over approximately 10,568 sq. km.

Which of the above statements is/are correct ?

(A) 2 and 3

(B) Only 2

(C) Only 3

(D) Only 1

25. In which of the following type of cells the gap junctions are absent ?

(A) Sperm cells

(B) Reproductive cells

(C) Brain cells

(D) Cardiac cells

26. Chloramine-T is an

(A) Antipyretic

(B) Antiseptic

(C) Analgesic

(D) Disinfectant

27. Statement :

• All roses are flowers.

• Some flowers are red.

Which of the following conclusions c be drawn ?

(A) Some roses are red.

(B) All red flowers are roses.

(C) All flowers are roses.

(D) None of the above

28. The Carbon — Carbon bond length maximum in

(A) CH_3CH_3

(B) $HC \equiv CH$

(C)

(D) $CH_2 = CH_2$

29. The famous Peacock Throne of Shah Jahan was taken away in 1739 by

(A) British East India Company

(B) Persian invader Nadir Shah

(C) Mongol invader Chengiz Khan

(D) Afghan invader Ahmed Shah Abdali

Direction (Q. No. 30 to 32) : Complete the pair.

30. UJMV : SLKX : : RUNO : ?

(A) SVOP

(B) PWLQ

(C) PSPQ

(D) QTMN

31. Growth : Development : : Stagnation : ?

(A) Reduction

(B) Advancement

(C) Inversion

(D) Deterioration

32. Knowledge : Ignorance : : Success : ?

(A) Direction

(B) Failure

(C) Motivation

(D) Effort

33. Match List – I with List – II and choose your answer from the code given below.

List – I (Governors)	List – II (States)
a. Shri Arif Mohammad Khan	1. Rajasthan
b. Shri La Ganesan	2. Nagaland
c. Shri Jagdish Mukhi	3. Kerala
d. Shri Kalraj Mishra	4. Manipur

Code :

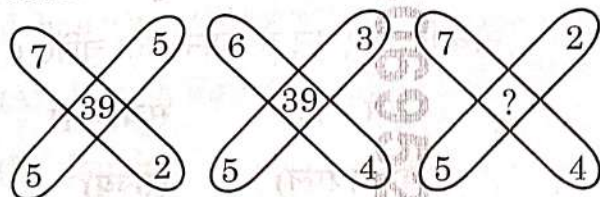|	a	b	c	d
(A)	1	3	4	2
(B)	2	1	4	3
(C)	3	4	2	1
(D)	1	2	3	4

34. The 'Maritime Security Dialogue 2024' aimed at enhancing Indo-Pacific strategic cooperation was held between which two nations ?

(A) USA and Vietnam

(B) Japan and Australia

(C) India and France

(D) India and Russia

35. Find the missing term.

(A) 38

(B) 29

(C) 39

(D) 28

36. The point at which the rate of photosynthesis is equal to the rate of respiration is called

(A) Photosynthetic quotient

(B) Compensation point

(C) Respiratory quotient

(D) Equivalence point

37. Which of the following statements regarding the State of Bihar during the period 2001 – 2011 is correct ?

(A) Both the percent growth of population and Bihar's share in India's total population decreased

(B) The percent growth of population increased, but Bihar's share in India's total population decreased

(C) The percent growth of population decreased, but Bihar's share in India's total population increased

(D) Both the percent growth of population and Bihar's share in India's total population increased

38. Statement :

· Some pens are blue.

· Some blue things are costly.

Which of the following conclusions can be drawn ?

(A) Some pens are costly.

(B) Some costly things are pens.

(C) All pens are blue.

(D) None of the above

39. Which of the following is a primary treatment for water pollution ?

(A) Removal of Nitrates

(B) Trickling Filter Method

(C) Sedimentation

(D) Sludge Method

40. Pradhan Mantri JI-VAN Yojana come under which ministry ?

(A) Ministry of Defence

(B) Ministry of Agriculture

(C) Ministry of Petroleum and Natural Gas

(D) Ministry of New and Renewable Energy

41. Which of the following are phagocytic cells ?

(A) Mast cells, antibodies

(B) Mast cells, macrophages
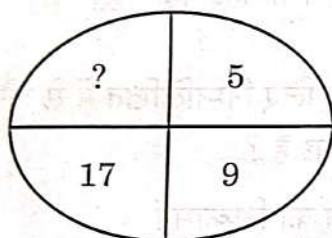
(C) Neutrophils, macrophages

(D) Neutrophils, mast cells

42. The first Indian Commercial Bank which was wholly owned and managed by Indians was

(A) Punjab National Bank

(B) Oudh Commercial Bank

(C) State Bank of India

(D) Central Bank of India

43. Find the missing term.

(A) 23

(B) 27

(C) 29

(D) 21

44. Which is the correct ascending order of the electromagnetic spectrum in terms of increasing frequency ?

(A) Infrared < visible < radio < uv < gamma

(B) Radio < infrared < visible < uv < gamma

(C) Radio < visible < infrared < uv < gamma

(D) Infrared < radio < visible < uv < gamma

45. Which of the following is a medicinal plant used to treat certain type of cancers ?

(A) Chir-pine

(B) Himalayan Oak

(C) Himalayan Birch

(D) Himalayan Yew

46. Consider the following statements regarding Mughal administration.

1. The Mansabdari system was a unique administrative system that integrated military and civil services.

2. Akbar introduced the 'Dahsala system' of land revenue assessment.

3. The 'Jagirdari' system involved granting land assignments to Mansabdars in lieu of cash salaries.

How many of the statements given above are correct ?

(A) Only one

(B) All three

(C) Only one and two

(D) None of the above

47. Nymph is the young stage of

(A) Cockroach

(B) Beetle

(C) Housefly

(D) Butterfly

16/A/PT–2025/K

14

48. Find the missing term.

	15			22			18	
17	15	8	20	8	18	12	?	7
	7			16			9	

(A) 33

(B) 32

(C) 14

(D) 41

49. Which of the following report/reports is *not* published by WTO ?

(A) World Trade Statistical Review

(B) World Investment Report

(C) The World Trade Report

(D) The Global Trends Report

50. The side of a square is 12 m. Its perimeter is

(A) 144 m

(B) 24 m

(C) 48 m

(D) 36 m

51. In Bihar, _____ of the households are in rural areas as per National Family Health Survey (NFHS-5), 2019 – 2021.

(A) 89%

(B) 80%

(C) 84%

(D) 78%

52. Pressure has the same dimension as

(A) Force

(B) Energy

(C) Force per unit volume

(D) Energy per unit volume

53. Statement : "All employees must attend the meeting tomorrow."

Conclusion : "John, an employee, will attend the meeting tomorrow."

Which of the following is correct ?

(A) The statement contradicts the conclusion

(B) Conclusion does not follow

(C) There is not enough information to decide

(D) Conclusion follows

Direction (Q. No. 54 and 55) : Read the given information carefully.

- a and b teach Hindi and English.
- c and b teach English and Geography.
- d and a teach Mathematics and Hindi.
- e and b teach History and Punjabi.

54. Out of the following, which pair of teachers teaches both Geography and Hindi ?

(A) a and b

(B) c and d

(C) b and c

(D) None of these

16/A/PT-2025/K

16

55. Out of these teachers who teaches the maximum number of subjects ?

(A) d

(B) b

(C) c

(D) a

56. The ages of Vikas and Vinod are in the ratio 3 : 2. After 5 years, the ratio of their ages will be 4 : 3. Find the present age of each.

(A) 16 years, 14 years

(B) 15 years, 10 years

(C) 10 years, 12 years

(D) 12 years, 15 years

57. Consider the following statements about the Mauryan period in Bihar.

1. Chandragupta Maurya established the Maurya Empire by overthrowing the Nanda dynasty.

2. Ashoka's edicts, found extensively in Bihar, promoted a policy of 'Dhamma' based on non-violence and tolerance.

3. Megasthenes, a Greek ambassador, visited Pataliputra during the reign of Bindusara.

How many of the statements given above are correct ?

(A) Only one

(B) All three

(C) Only one and two

(D) None of the above

58. If △△△△ stands for 300, what does △△△ stand for ?

(A) 260

(B) 225

(C) 220

(D) 60

59. Pointing to a photograph, a man said, "She is my mother's only daughter." How is the woman in the photograph related to the man ?

(A) Wife

(B) Sister

(C) Daughter

(D) Mother

60. "Order of St. Andrew the Apostle" Award was recently seen in the news. It is the highest civilian honour award of which country ?

(A) Germany

(B) Russia

(C) France

(D) Australia

61. Why is grafting *not* possible in monocots ?

(A) Because they have parallel venation

(B) Because they lack cambium

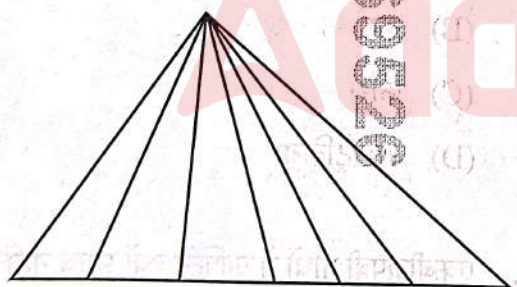(C) Because they do not have venation

(D) Because they are herbaceous

62. As per the National Family Health Survey (NFHS-5), 2019 – 2021, what proportion of households in Bihar live in a pucca house ?

(A) Two-thirds

(B) One-third

(C) One-half

(D) One-fourth

63. Which of the following materials is ferromagnetic ?

(A) Manganese

(B) Gold

(C) Wood

(D) Nickel

64. How many triangles are there in the following figure ?

(A) 21

(B) 12

(C) 14

(D) 44

65. Which one of the following pairs is *not* matched ?

(A) Administration of Scheduled and Tribal areas — Article 244

(B) Consolidated Fund of India — Article 266

(C) Powers of Parliament to legislate on a State subject — Article 248

(D) Freedom of trade and commerce — Article 301

66. If 38% of A = 52% of B, then A : B = ?

(A) 19 : 16

(B) 16 : 9

(C) 26 : 19

(D) 5 : 4

67. Litmus, the pH indicator, is obtained from which of the following source ?

(A) A red alga

(B) A fungi

(C) A lichen

(D) A brown alga

68. If the 25th of August in a year is Thursday, the number of Mondays in that month is
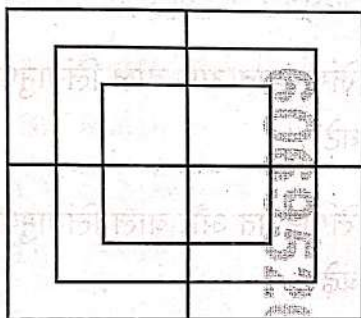
(A) 6

(B) 4

(C) 5

(D) 3

69. The First Anglo-Mysore War, fought between the British and Hyder Ali from 1767 to 1769, concluded with which of the following agreements ?

(A) Treaty of Madras

(B) Treaty of Mangalore

(C) Treaty of Srirangapattanam

(D) Treaty of Salbai

70. Sangeeta is facing South-East direction. She turns 45° in anticlockwise direction and again 90° in the same direction. After some time she turns 180° in clockwise direction. In which direction Sangeeta is facing now ?

(A) North-East

(B) South

(C) South-East

(D) North

71. Which country has assumed the Chair of Asian Disaster Preparedness Centre (ADPC) for 2024-25 ?

(A) Russia

(B) Indonesia

(C) Thailand

(D) India

72. Which of the following climatic zone lies around 40°– 60° latitude ?

(A) Arctic

(B) Subtropical

(C) Temperate

(D) Tropical

73. A number is greater than 5 but less than 15. Also, it is greater than 8 but less than 10. Then the number is

(A) 9

(B) 7

(C) 8

(D) 6

74. Which of the following is correct statement about the sex ratio in Bihar between Census 2001 and Census 2011 ?

(A) Both overall sex ratio and child sex ratio decreased

(B) Both overall sex ratio and child sex ratio increased

(C) Overall sex ratio remained the same, but child sex ratio decreased

(D) Overall sex ratio increased, but child sex ratio decreased

75. Which of the following ministries in India recently launched the scheme for Partial Reimbursement of Exploration Expenses for Holders of Exploration Licences (EL) ?

(A) Ministry of Power

(B) Ministry of Finance

(C) Ministry of Mines

(D) Ministry of Earth Sciences

76. What is the role of the enzyme RuBisCO in photosynthesis ?

(A) It catalyzes the splitting of water molecules to generate oxygen

(B) It is involved in the electron transport chain to generate ATP

(C) It fixes carbon dioxide to produce carbohydrate

(D) It regulates stomatal opening and closing for gaseous exchange

77. How many squares are there in the following figure ?

(A) 17
(B) 11
(C) 15
(D) 10

78. During the Gupta Empire, the term "UPARIKARA" was used for

(A) King's customary share of the production normally amounting to $1/6^{th}$ of the production.

(B) Periodic supplies of fruits, firewood, flowers etc.

(C) It was a voluntary offering by people to the king.

(D) An extra tax levied on all subjects.

79. Find the odd one out.

(A) Cube
(B) Rectangle
(C) Triangle
(D) Square

80. The principal buffer present in human blood

(A) $H_2CO_3 + HCO_3^-$

(B) $H_3PO_4 + NaH_2PO_4$

(C) $CH_3COOH + CH_3COONa$

(D) $NaH_2PO_4 + Na_2HPO_4$

81. Rahul is facing North. He turns 90° clockwise, then 180° anticlockwise and then 90° clockwise again. Which direction is he facing now ?

(A) West
(B) South
(C) East
(D) North

82. Which of the following Government of India Act/Indian Council Act brought the three separate presidencies (Madras, Bombay and Bengal) into a common system ?

(A) Indian Councils Act, 1892
(B) Government of India Act, 1858
(C) Regulating Act, 1773
(D) Indian Councils Act, 1861

83. A woman introduces a man as "He is the husband of the only daughter of the father of my brother". How is the man related to woman ?

(A) Cousin

(B) Brother-in-law

(C) Nephew

(D) Brother

84. If the focal length of the objective lens is increases

(A) Magnifying power of microscope will decrease but that of telescope will increase

(B) Magnifying power of microscope and telescope both will increase

(C) Magnifying power of microscope and telescope both will decrease

(D) Magnifying power of the microscope will increase but that of telescope will decrease

85. The Pyrenees Mountain is located in the middle portion of

(A) Spain and the Mediterranean Sea

(B) Spain and Portugal

(C) France and the Mediterranean Sea

(D) Spain and France

86. What is the main reason that bryophytes are referred to as "amphibians of the plant kingdom" ?

(A) They can live both on land and in water

(B) They require water for sexual reproduction

(C) They have a life cycle that includes both aquatic and terrestrial stages

(D) They have a strong tolerance to extreme temperatures

87. Nirman Shramik Mrityu Evam Divyaang Sahaayata Yojana is associated with which Indian State ?

(A) Bihar

(B) Haryana

(C) Chhattisgarh

(D) Jharkhand

88. A clock which gains 10 minutes in 24 hours, is set right at 12 AM. What will be the true time when the clock indicates 5 AM on the following day ?

(A) 5 : 15 AM

(B) 5 : 12 AM

(C) 4 : 50 AM

(D) 4 : 48 AM

89. Consider the following statements.
   1. An election to constitute a municipality shall be completed before the expiration of a period of six months from the date of its dissolution.
   2. Election to constitute a municipality should be before three months of its expiration.
   3. A municipality constituted upon dissolution of a municipality before expiration of its term shall continue only for a remainder period.
   4. If a municipality is dissolved before expiration of its term then the new municipality will be constituted for five years.

   Out of these statements :
   (A) 1 and 3 are correct
   (B) Only 4 is correct
   (C) 2 and 4 are correct
   (D) Only 2 is correct

90. Four words have been given, out of which three are alike in some manner and one is different. Choose the odd one.
   (A) Copper
   (B) Gold
   (C) Silver
   (D) Mercury

91. Find the incorrect statement for algae.
   (A) 'Agar-agar' is produced from Gracilaria
   (B) Mannitol is a food reserve of red-alga
   (C) Chlorella is used in space food
   (D) Algin is produced by algae

92. Which country has imposed a comprehensive ban on the export of weapons and defence-related items to India ?
   (A) Qatar
   (B) Russia
   (C) UAE
   (D) Turkey

93. In angiosperms, xylem is made up of
   (A) Vessels and fibers
   (B) Tracheids, vessels and fibers
   (C) Fibers and tracheids
   (D) Sieve elements and tracheids

94. Where is the headquarter of the National Turmeric Board of India ?
   (A) Kolkata, West Bengal
   (B) New Delhi
   (C) Nizamabad, Telangana
   (D) Kochi, Kerala

95. Introducing a man, Mahesh said, "His wife is the only daughter of my wife". How is Mahesh related to that man ?
   (A) Son
   (B) Grandfather
   (C) Father-in-law
   (D) Father

96. Find the odd one out.

    (A) 56

    (B) 36

    (C) 49

    (D) 21

97. What is the smallest number that must be subtracted from 7578 so that the result is perfectly divisible by 27, 35, 42 and 56 ?

    (A) 18

    (B) 14

    (C) 16

    (D) 12

98. Which of the following Committees is *not* related to Panchayati Raj System ?

    (A) Swarn Singh Committee

    (B) L. M. Singhavi Committee

    (C) Ashok Mehta Committee

    (D) G. V. K. Rao Committee

99. Lalita purchased 13 pencils from the shop. She distributed equally to her two younger sisters Anita and Babita and herself kept one pencil more than them. Tell how many pencils she has now ?

    (A) 7

    (B) 5

    (C) 6

    (D) 4

100. Natural rubber obtained from the rubber tree "Hevea Brasiliensis" consists of

    (A) Poly (chloroprene)

    (B) Trans-poly (isoprene)

    (C) Poly (isobutylene)

    (D) Cis-poly (isoprene)

101. The focal length of lens of the eye is under the control of

    (A) Cornea

    (B) Pupil

    (C) Ciliary body

    (D) Iris

102. Why are Perm, Ufa and Kuibyshev mines popularly known places in the world ?

    (A) Hydroelectricity Sites

    (B) Iron Ore Mines

    (C) Petroleum Mines

    (D) Coal Mines

103. One half of a number is 96. What is 67% of this number ?

    (A) 193.96

    (B) 192.96

    (C) 19.296

    (D) 128.64

104. If $x + \dfrac{1}{x} = 3$ then the value of $x^7 + \dfrac{1}{x^7}$ is

(A) 846

(B) 746

(C) 843

(D) 743

105. Which is true about Central Government's expenditure as per Budget 2025 ?

(A) Centrally sponsored scheme > central sector scheme > finance commission > subsidies

(B) State taxes/duties > interest > central sector scheme > centrally sponsored scheme

(C) Centrally sponsored scheme > central sector scheme > subsidies > finance commission

(D) Interest > state taxes/duties > central sector scheme > centrally sponsored scheme

106. Glass is best described as

(A) A supercooled solution

(B) A gel

(C) An alloy

(D) An eutectic mixture

107. Identify the number that completes the pattern in the given sequence.

5, 6, 11, 28, _____ , 160

(A) 97

(B) 37

(C) 71

(D) 35

108. Which famous ancient Indian physician is considered one of the principal founders of Ayurveda and authored the 'Samhita' ?

(A) Patanjali

(B) Aryabhata

(C) Charaka

(D) Sushruta

109. If the animals which can walk are called swimmers, animals which can crawl are called flying, those which live in water are called snakes and those which fly in the sky are called hunters, then what will a lizard be called ?

(A) Flying

(B) Snake

(C) Hunter

(D) Swimmer

110. Recently, the United States of America has designated which of the following country as its Major Non-NATO Ally, MNNA ?

(A) Nigeria

(B) Namibia

(C) Kenya

(D) Botswana

111. A person gets out in the sunlight from a dark room. How does his pupil regulate and control the light entering the eye ?

(A) The size of the pupil will remain the same but less light will enter the eye

(B) The size of the pupil will decrease and more light will enter the eye

(C) The size of the pupil will remain the same but more light will enter the eye

(D) The size of the pupil will decrease and less light will enter the eye

112. Find the missing value in the following.

5	16	13
2	6	7
4	3	?
10	8	39

(A) 21

(B) 7

(C) 14

(D) 3

113. Who has the power to transfer a Judge from one High Court to another ?

(A) Prime Minister's Office

(B) President

(C) Chief Justice of High Court

(D) Parliament

114. Who coined the word "atom" ?

(A) John Dalton

(B) Thomson

(C) E. Rutherford

(D) Democritus

115. Three metal cubes with edge of lengths of 3 cm, 4 cm and 5 cm are melted together to form one larger cube. Assuming no metal is lost during melting, what will be the edge length of the resulting cube ?

(A) 12 cm

(B) 8 cm

(C) 10 cm

(D) 6 cm

116. A class of boys stands in a long line. One boy is 9th in order from both ends. How many boys are there in the class ?

(A) 37

(B) 18

(C) 20

(D) 17

117. Which of the following option is the correct order of mountains from north to south in Asia ?

(A) Kolyma, Stanovoy, Cherskiy and Yablonovy

(B) Kolyma, Cherskiy, Yablonovy and Stanovoy

(C) Cherskiy, Kolyma, Stanovoy and Yablonovy

(D) Kolyma, Cherskiy, Stanovoy and Yablonovy

118. Edible portion of the coconut is

(A) Fruit wall

(B) Endosperm

(C) Cotyledon

(D) Embryo

119. If + means ÷, − means ×, ÷ means + and × means −, then find the value of $36 \times 12 + 4 \div 6 + 2 - 3$.

(A) 6½

(B) 18

(C) 42

(D) 2

120. Which currency is recently added to IMF's Special Drawing Rights (SDRs) basket ?

(A) British Pound Sterling

(B) Japanese Yen

(C) Chinese Renminbi

(D) Euro

121. The chemical behavior of an atom is mostly determined by its

(A) Atomic weight

(B) Neutron count

(C) Mass number

(D) Valence electrons

122. Two numbers exceed a third number by 35% and 50% respectively. What percentage of the second number is the first ?

(A) 90%

(B) 70%

(C) 80%

(D) 60%

123. How much more heat is produced if the current is doubled ?

(A) Five times the original amount

(B) Thrice the original amount

(C) Four times the original amount

(D) Twice the original amount

124. If any question as to disqualification of member of state legislature arises, the question shall be referred for the decision of

(A) Supreme Court

(B) President

(C) Governor

(D) Election Commission

125. Which of the following is used in rocket propellants ?

(A) H_2

(B) N_2H_4

(C) O_2

(D) All of the above

16/A/PT−2025/K

36

126. In a code language RAIN is coded as 42 and PAIN is coded as 40 then CHAIN will be coded as
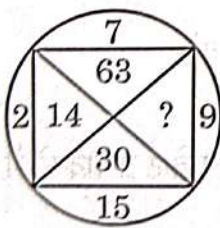
(A) 35

(B) 26

(C) 36

(D) 25

127. Which of the following statements are *not* true about Human Development (HD) Report 2025 ?

   a. Theme of the Human Development Report 2025 is 'breaking the Gridlock : reimagining cooperation in a polarized world'.

   b. India's rank in HDI is 134.

(A) Neither a nor b

(B) b only

(C) Both a and b

(D) a only

128. Find the missing number in the following.

(A) 145

(B) 135

(C) 140

(D) 130

129. 80 copies of a book cost Rs. 600. What will 300 copies cost ?

(A) Rs. 5,000

(B) Rs. 2,250

(C) Rs. 3,000

(D) Rs. 1,000

130. Flowers without petals are pollinated by

(A) Butterflies

(B) Birds

(C) Wind

(D) Insect

131. According to the Koeppen Climatic Classification Scheme, 'Bihar' mainly lies in which type of climate ?
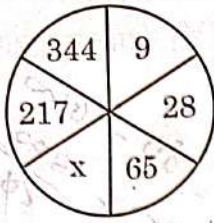
(A) Aw

(B) Bshw

(C) As

(D) Cwg

132. Match the Columns.

Column A (Process/ Concept)	Column B (Definition/ Example)
i. Sublimation	1. Separation based on boiling point
ii. Distillation	2. Solid to gas directly
iii. Evaporation	3. Gas to liquid
iv. Filtration	4. Separation of solid from liquid
v. Condensation	5. Liquid to gas below boiling point

(A) i – 1, ii – 2, iii – 3, iv – 4, v – 5

(B) i – 2, ii – 1, iii – 5, iv – 4, v – 3

(C) i – 4, ii – 5, iii – 2, iv – 1, v – 3

(D) i – 3, ii – 1, iii – 5, iv – 4, v – 2

133. Find x in the following.

(A) 170
(B) 126
(C) 130
(D) 120

134. Which one of the following is a wrong statement ?

(A) Eutrophication is a natural phenomenon in freshwater bodies
(B) Ozone in upper part of atmosphere is harmful to animals
(C) Most of the forests have been lost in tropical areas
(D) Greenhouse effect is a natural phenomenon

135. A member of the parliament may *not* ask

(A) A question which is sub-judice
(B) Short notice question
(C) Supplementary question
(D) A question which is starred

136. Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?

ab __ bbc __ c __ ab __ ab __ b

(A) bccab
(B) cbabc
(C) cacac
(D) ccaac

137. With reference to the Harappan Civilization, consider the following statements.

1. Harappan script was an exact replica of Egyptian and Mesopotamian script, indicating their cultural links.
2. The usage of standard weights and measurements throughout the civilization represented the uniformity of the Harappan culture.
3. The Harappan pottery was mostly handmade as they were unaware of potter's wheel.

How many of the statements given above are correct ?

(A) Only one
(B) All three
(C) Only two
(D) None of the above

138. Below is a new MSMEs classification criterion as per Union budget 2025

Enterprise category	Investment Limit	Turnover Limit
a) Micro	≤ Rs. 2.5 crore	≤ Rs. 10 crore
b) Small	≤ Rs. 25 crore	≤ Rs. 100 crore
c) Medium	≤ Rs. 250 crore	≤ Rs. 500 crore

Which is correct ?

(A) a, b and c
(B) b and c
(C) a and c
(D) a and b

139. If A × B means A is to the south of B;

A + B means A is to the north of B;

A % B means A is to the east of B;

A − B means A is to the west of B,

then in P % Q + R − S, S is in which

direction with respect to Q ?

(A) North-West

(B) South-East

(C) North-East

(D) South-West

140. Pyrolusite, Psilomelane and Braunite

are the ores of the following mineral

(A) Copper

(B) Bauxite

(C) Manganese

(D) Iron Ore

141. Monu cycles from city A to city B at

18 km/h and returned back from city B

to city A at 12 km/h. Find his average

speed over the whole journey.

(A) 13.7 km/h

(B) 13.6 km/h

(C) 14.4 km/h

(D) 12.4 km/h

142. The compound interest exceeds the simple interest on a certain principal by ₹ 1.20 at an annual interest rate of 4% over 2 years. What is the principal amount ?

(A) ₹ 840

(B) ₹ 720

(C) ₹ 750

(D) ₹ 600

143. Gogabeel bird sanctuary is *not* located in which of the district of Bihar ?

i. Samastipur

ii. Katihar

iii. Kaimur

iv. Nalanda

(A) i, ii and iv

(B) i, iii and iv

(C) ii, iii and iv

(D) None of the above

144. What was the key announcement in Union Budget 2025 about Atmanirbharata (self-reliance) in pulses ?

a. Launch of a six year mission focusing upon tur, urad and masur.

b. Launch of a five year mission focusing upon tur, urad and moong.

c. Establishment of pulse export zone in each state.

(A) b only

(B) b and c only

(C) a only

(D) a and c only

145. Light is an electromagnetic wave, is the principle of

(A) Oersted

(B) James Clarke Maxwell

(C) Michael Faraday

(D) Isaac Newton

146. Atmosphere always has

(A) Oxygen

(B) Dust

(C) Air

(D) All of the above

147. Consider the following statement.
When a bill has been passed by the legislative assembly or by both houses of legislature of the state (In case of legislative council) then the Governor may

1. Assent to the bill.
2. Return for reconsideration.
3. Withold his assent.
4. Return the money bill.

Of these :

(A) 1, 2 and 3 are correct

(B) Only 2 is correct

(C) Only 4 is correct

(D) 1 and 3 are correct

148. A car completes a journey in 15 hrs, travelling the first half of the distance at 20 km/h and the remaining half at 30 km/h. What is the total distance covered ?

(A) 390 km

(B) 360 km

(C) 345 km

(D) 260 km

149. Which of the following statement is true regarding apical dominance in plants ?

(A) Decrease in cytokinin increases apical dominance

(B) Auxin stimulates lateral bud formation

(C) Root and shoot in their apex are dormant

(D) Removal of apical buds promote lateral bud growth

150. A series is given in the certain definite pattern in groups with some terms are missing. Choose the correct alternatives from the given alternatives that will complete the series.
2 3 B _ 6 _ F G _ 5 D _ 8 _ H I

(A) W, 8, 7, I, 6

(B) D, 8, 6, C, 7

(C) E, 8, 7, D, 9

(D) C, 7, 4, E, 9