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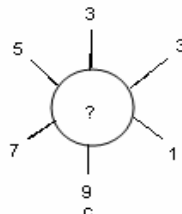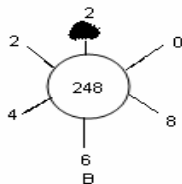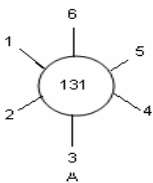**B** **Series Questions**.

1. What is sum of all prime numbers between 100 and 120?
   A) 424   B) 533
   C) 648   D) 650   Ans: **B**

2. The smallest number which when diminished by 3 is divisible by 21,28,36 and 45
   Is
   A) 420   B) 1257
   C) 1260   D) 1263   Ans: **D**

3. The ratio of three numbers is 35: 55: 77 and their HCF is 24. Then the numbers
   Are
   A) 420,660,924   B) 280, 440,616
   C) 840,1320,1848   D) 105,165,231.   Ans: **C**

4) There are 60 students in a class. In an examination 75% of them had failed in
   English and 45% of them had failed in science. How many had failed both in English and Science ?
   A) 5   B) 6
   C) 8   D) 12.   Ans: **D**

5) The average of the first five prime numbers is
   A) 5.0   B) 5.2
   C) 5.6   D) 6.0   Ans: **C**

6) A sum amounts to Rs. 1.352 in 2 years at 4% compound interest. The sum is
   A) Rs. 1,300   B) Rs. 1,200
   C) Rs. 1,250   C) Rs. 1,260   Ans: **C**

7) The speed of a boat in still water is 15 km/hr and the speed of current is 3 km/hr.
   The distance traveled downstream in 12 minutes is
   A) 3.6 km   B) 2.4 km
   C) 1.5 km   D) 1.8 km   Ans: **A**

8) Gold is 19 times as heavy as water and copper is 9 times as heavy as water. The
   ratio, in which the two metals should be mixed, so that the mixture is 15 times as
   heavy as water, is
   A) 1:2   B) 2:3
   C) 3:2   D) 19:135   Ans: **C**

9) If 3 men and 4 boys can do a work in 8 days while 4 men and 4 boys can do that
   work in 6 days, then 4 men and 4 boys will finish it in
   A) 10 days   B) 12 days
   C) 15 days   D) 16 days   Ans: **A**

10) If same patterns of operations are followed in all the three diagrams given below,
    then the missing number is

   A) 320   B) 274   C) 262   D) 132   Ans: **C**

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11) Which one of the following is correctly matched ?
     A) Geographical classification   - Value based data
     B) Chronological classification   - Time series data
     C) Quantitative classification   - Area wise data
     D) Qualitative classification   - Yearly data   Ans: **B**

12) Which one of the following is correctly matched?
     A) FORTRAN   - Typing a text
     B) COBOL   - Mathematical calculations
     C) WORDSTAR   - Business calculation
     D) EXCEL   - Tabulation   Ans: **D**

13) Match **List I** with **List II** correctly and select your answer using the codes given below:

List I	List II
a) Respondents	1) Person collecting information
b) Primary data	2) Person giving information
c) Enumerator	3) Collection of data
d) Census	4) First hand information

    Codes:
     A) 1 2 3 4
     B) 2 3 4 1
     C) 1 3 2 4
     D) 2 4 1 3.   Ans: **D**

14) P(A)= 0.6 and P(B)= 0.5, then which one of the following is correct ?
     A) A and B are mutually exclusive events
     B) A and B are not mutually exclusive events
     C) A and B are complementary events
     D) None of these   Ans: **B**

15) How many prime numbers are there in between 10 and 30 ?
     A) 7   B) 4
     C) 5   D) 6.   Ans: **D**

16) In computers, 1KB and 1MB are respectively equal to
     A) 1000 bytes and 100 kilobytes   B) 1024 bytes and 1000 kilobytes
     C) 1000 bytes and 10000 kilobytes   C) 1024 bytes and 100 kilobytes   Ans: **B**

17) The sum of the ages of A and B is now 110 years and their ages 20years ago were in the ratio of 4:3. The age of A is
     A) 60   B) 55
     B) 50   D) 35   Ans: **A**

18) If x= (¼)y and y=(1/5) z then x: y: z equal to
     A) 1:4:5   B) 4:1:5
     C) 1:5:4   D) 1:4:20   Ans: **D**

19) The students in theree classes are in the ratio 2:3:5. If 40 students are increased in each class, the ratio changes to 4:5:7. originally, the total number of students was
     A) 100   B) 180
     C) 200   D) 400   Ans: **C**

20) Which one of the following is correctly matched?
     A) 123.5 -   Variable
     B) GOD -   Constant
     C) A + B -   Expression
     D) A + 5.0 -   Logical constant   Ans: **C**

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21) Which was the port town of the Indus Valley Civilization?
    A) Lothal   B) Kalibangan
    C)Ropar   D) Mohenjodaro   Ans: **A**

22) The main focus of the Rigvedic culture was
    A) The Indo-Gangetic Valley B) the Punjab and Delhi region
    C)the Indus Valley   D) the region between the Swat and the Indus.   Ans: **A**

23) Consider the following statements :
    Assertion (A): CurZon partitioned Bengal in 1905
    Reason   (R): He wanted to destroy nationalistic unity.
    Now select your answer according to the coding
    A) Both (A) and (R) are correct , and R is the correct explanation of (A)
    B)(A) is correct but (R) is wrong
    C) Both (A) and (R) are correct but R is not the correct explanation of (A)
    D) Both (A) and (R) are wrong   Ans: **A**

24) Consider the following statement
    Assertion(A): Hiuen tsang came India during Harsha's rule
    Reason   (R): His main objective was to vist Buddhist shrines
    Now select your answer according to the coding
    A) Both (A) and (R) are correct , and R is the correct explanation of (A)
    B) Both (A) and (R) are correct but R is not the correct explanation of (A)
    C) (A) is correct but (R) is wrong
    D) Both (A) and (R) are wrong   Ans: **-**

25) Who wrote 'Ananda Math'?
    A) Rabindranath Tagore
    B) Bakim Chandra chattopadhyaya
    C) Aurobindo
    D) Madhusudan Dutta   Ans: **B**

26) Match List I with List II correctly and select your answer using the codes given below:
    List I   List II
     President of Congress   Place and Year
    a) George Yule   1) Alhabad 1888
    b) Dr.R.C Dutta   2) Lucknow, 1899
    c) Annie Besant   3) Calcutta, 1917
    d) Sarojini Naidu   4) Kanpur, 1928.
    Codes:
        A) 2 3 4 1
        B) 1 2 3 4
        C) 1 3 4 2
        D) 2 4 3 1   Ans: **D**

27) The British received permission to establish their company in India from
    A) Akbar   B) Jahangir
    C) Shahjahan   C) Aurangazeb.   Ans: **B**

28) When did the 'Chauri Chaura' incident taken place?
    A) 1920   B) 1923
    C) 1922   D) 1921   Ans: **C**

29) During the Sangam Age, war was usually declared or provoked by
    A) citting the tutelary tree of the enemy
    B) lifting the cattle of the enemy
    C) besieging the enemy's fort
    D) crushing the crops of the enemy's territory under the feet of elephant   Ans: **B**

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30) When was the Madaras Mahajana Sabha formed ?
   A) 1883   B) 1882
   C) 1884   C) 1886.   Ans: **C**

31) The population of Tamilnadu was (as per 2001 census)
   A) 62.4 million   B) 60.3 million
   C) 6404 million   D) 61.5 million   Ans: **A**

32) In literacy among the all states in India, Tamil Nadu occupies which position ?
   A)Ninth position   B) Seventh position
   C) Thirteenth position   D) Tenth position   Ans: **C**

33) Which committee has recommended the establishment of national C0-operative Bank of India ?
   A) Narasimahan committee   B) A.M Khusro committee
   C) Indian Co-operative committee   D) Rangarajan committee.   Ans: **B**

34) The RBI was inaugurated in Aprial 1935 with a shares capital of
   A) 15 crores   B) 5 crores
   C) 10 crores   D) 7 crores   Ans: **B**

35) The UTI was formally established in
   A) Feburary, 1974   B) Feburary, 1964
   C) March, 1970   D) December, 1960.   Ans: **B**

36) The Million Wells Scheam was launched as a sub-scheam for
   A) Jawahar Gram Samriddhi Yojana
   B) Swarana Jayanti Employment Program
   C) National Rural Employment Programme
   D) Employment Guarantee Scheam.   Ans: **C**

37) Dr.L.C Gupta Committee was appointsd to look into the working of
   A) Stock exchange   B) Insurance companies
   C) Commercial banks   D) Development finance institution.   Ans: **A**

38) Under which provision of the Article of the Constitution, the President is required to appoint Finance commission ?
   A) Article 320   B) Article280
   C) Article 356   D) Article 325.   Ans: **B**

39) The industrial tribunals are consisted of a person of the rank of
   A) Supreme court Judge   B) Chief Justice of Supreme court
   C) High court Judge   D) Sessions Court Judge.   Ans: **C**

40) The oldest large scale industry in India is
   A) Iron and steel industry   B) Cotton textile industry
   C) Jute industry   D) Paper industry   Ans: **B**

41) The Green Revolution came on the scene around
   A) mid 1960   B) mid 1950
   C) mid 1970   D) mid 1980.   Ans: **A**

42) Demographic pressure acts as a push factor in
   A)migration   B) financial assistance
   C) economic growth   D) none of these.   Ans: **A**

43) Dr.Raja J.Chelliah Tax Reforms committee was set up in
   A) August, 1990   B) September, 1992
   C) August, 1991   D) June, 1993.   Ans: **C**

44) When was the new industrial policy announced?
   A) July, 1991   B) June, 1992
   C) October, 1996   D) January, 1994.   Ans: **A**

TNPSC GROUP - I

45) The incidence of poverty can be computed from
   A) NAS data on national accounts
   B) NSS data on consumption of expenditure
   C) Both (A) and (B)
   D) None of these.   Ans: **C**

46) The World conference on Human Environment was held on
   A) 1970   B) 1972
   C)1981   D) 1985   Ans: **B**

47) The Central Pollution Control Board was set up in the year
   A) 1989   B) 1985
   C) 1981   D) 1991   Ans: **C**

48) The Wild Life Protection Act was formulated in the year
   A) 1970   B) 1972
   C) 1990   D) 1986   Ans: **B**

49) In Tamil Nadu, the district with highest density of population is (as per 2001 Census)
   A) Kanniyakumari   B) Thiruvalluvar
   C) Cuddalore   D) Vellore.   Ans: **A**

50) In population among the all states in India, Tamil Nadu occupies the
   A) 6th position   B) 3rd position
   C) 10th position   D) 5th position.   Ans: **A**

51) Match **List I** with **List II** correctly and select your answer using the codes given below:
List I	List II
a) Executive authority of the President	1) Article 56
b) Tenure of the President	2) Article 55
c) Election of the President	3) Article 61
d) Impeachment of the President	4) Article 54

   CODES:

	a	b	c	d
A)	4	1	5	3
B)	4	2	1	5
C)	4	1	2	3
D)	4	5	3	2

   Ans: **A**

52) Arrange the following items in chronological order:
   A) CBI, ESMA, SSC, CAT   B) ESMA, CBI, CAT, SSC
   C) CAT, SSC, ESMA, CBI   D) CBI, CAT, SSC, ESMA.   Ans: **A**

53) Match **List I** with **List II** correctly and select your answer using the codes given below:
List I	List II
a) Union List	1) Criminal law and procedure
b) State List	2) Defence
c) Concurrent List	3) Public order and police

   Codes:

	a	b	c
A)	1	2	3
B)	2	1	3
C)	2	3	1
D)	3	2	1

   Ans: **C**

54) New Education scheme 10+2+3 was introduced by
   A) British India   B) Congress
   C) DMK   D) AIADMK   Ans: **B**

TNPSC GROUP - I

55) In which year was South Indian Liberal Federation formed?
  A) 1914   B) 1915
  C) 1916   D) 1917   Ans: **C**

56) In the year 1974, which of the following Governments passed state autonomy resolution?
  A) Jammu and Kashmir   B) Bihar
  C) Uttar Pradesh   D) Tamil Nadu   Ans: -

57) The total strength of Rajya Sabha in Tamil Nadu is
  A) 12   B) 14
  C) 16   D) 18   Ans: **D**

58) Who was introduced the kulakallavi Scheme in Tamil Nadu?
  A) Rajaji   B) Ramaswamy
  C) Kamaraj   D) Jayalalithaa.   Ans: **A**

59) How many reserved Parlimentry constituencies are there in Tamil Nadu?
  A) 4   B) 5
  C) 6   D) None of these   Ans: **D**

60) In the year 1926
  A) Justice party formed its ministry
  B) All India congress meeting was held in Madras
  C) Dravidian Tamil weekly was started
  D) None of these.   Ans: **A**

61) Which of the following is incorrectly matched?
  A) Equality to opportunity   - Art. 16
  B) Right to association   - Art. 19
  C) Right to protection of life and liberty   - Art. 22
  D) Right against exploitation   - Art. 24   Ans: **C**

62) How many time the preamble of the Constitution of India has been amended?
  A) Once   B) Twice
  C) Thrice   D) Never   Ans : **A**

63) Match **List I** with **List II** correctly and select your answer using the codes given below:

  List I   **List II**
  a) Modernisation of civil service   1) Wellesley
  b) Recruitment of civil servants   2) Atckinson
  c) Training of civil servants   3) Cornwallis
  d) Classification of civil service   4) Macaulay
  Codes:

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

Ans: **B**

64) The strength of Legislative council members shall not be less than
  A) 50   B) 25
  C) 40   D) 30   Ans: **C**

65) The emergency provision of the Constitution of India was borrowed from
  A) Government of India Act, 1935   B) USSR
  C) USA   D) Weimar Constitution of Germany.   Ans: **D**

66) Indian Federalism is
  A) Centralised federation   B) Pure federation
  C) Decentralised federation   D) None of these   Ans: **A**

TNPSC GROUP - I

67) The final work of UPSC in recruitment process is
    A) Selection   B) Appointment
    C) Certification   D) Placement   Ans: **A**

68) Directive principles of state policy were incorporated in the Constitution with a view to
    A) ensure Democratic Government
    B) Establish Welfare State
    C) Raise the living standard of weaker sections
    D) Provide a strong State Government   Ans: **B**

69) Panchayat Raj institutions depend funds mainly on
    A) Local taxes   B) Property taxes
    C) Government finances   D) Special taxes   Ans: **A**

70) In which year for the first time was no-confidence motion move in the parliament?
    A) 1960   B) 1963
    C) 1964   D) 1967   Ans: **D**

71) ___ was the primary food of the Indus Valley people
    A) Rice   B) Wheat
    C) Corn   D) Millets   Ans: **B**

72) The earliest mention of medicine occurs in which of the following Vedas?
    A) Rigveda   B) Samveda
    C) Yajurveda   D) Atharvaveda   Ans: **D**

73) Ashrams or four state of life came to be well established during which period?
    A) Pre-Vedic period   B) Rig Vedic period
    C) Later-Vedic period   D) None of these   Ans: **C**

74) What does the Rigveda contain?
    A) Collection of prayers
    B) Collection of stories and events
    C) Collection of a chronological sequence of dynasties
    D) Collection of magic rituals.   Ans: **A**

75) Which among the following geographical areas was not inhabited by the early Aryans?
    A) Baluchistan   B) Eastern Afghanistan
    C) Punjab   D) Fringes of western Uttar Pradesh.   Ans: **D**

76) The root cause for all sufferings of mankind according to the preaching of Buddha is
    A) Anger   B) Lust
    C) Pride   D) Desire.   Ans: **D**

77) The basic social organization of the Rigvedic people was
    A) Matriarchal family   B) Patriarchal family
    C) Both matriarchal and patriairchal families
    D) None of these   Ans: **B**

78) Sangam literature was written in
    A) Avadhi   B) Tamil
    C) Maithili   D) Malayalam.   Ans: **B**

79) "Mandiram Avathu Neeru" the song was written by
    A) Thirumoolar   B) Gnana Sambandar
    C) Kannappar   D) Mangayarkarasiyar.   Ans: **B**

80) The pallava rulers believed in
    A) Jainism   B) Buddhism
    C) Hinduism   D) shaivism   Ans: **C**

81) Kulothunga II was also called
    A) Gangaikonda Chola   B) Sungam Thavirtha Chola
    C) Krimikanta Chola   D) Mummudi Konda Chola   Ans: **-**

TNPSC GROUP - I

82) Which one of the following is not known to Mespotamian civilization?
    A) gold and Silver   B) Copper
    C) Bronze   D) Iron   Ans: **D**

83) The pottery of Indus Valley Civilization is
    A) Grey ware   B) Black on red ware
    C) Northern black polished ware
    D) Black and red ware.   Ans: **B**

84) Who was the founder of Navavidhan Samaj?
    A) Devendra Nath   B) Navin Chandra Rai
    C) Keshav Chandra Sen   D) P.C. Majumdar   Ans: **-**

85) Who was the first Director of Archaeology?
    A) Dr. Hultz   B) Alexander Cunningham
    C) Fergusson   D) Marshall   Ans: **B**

86) Iron was first introduced in India by
    A) Aryans   B) Dravidians
    C) Persians   D) Sumerians.   Ans: **B**

87) Who was the first Indian, elected for the British Parliament?
    A) Dadabhai Naoroji   B) C.R. Das
    C) W.C. Bonnerjee   D) Jawaharlal Nehru.   Ans: **A**

88) The Indus Valley civilization was specialized in
    A) Town planning   B) Architecture
    C) Craftsmanship   D) All of these   Ans: **A**

89) Which God was worshipped by the Indus valley people?
    A) Indra   B) Varuna
    C) Vishnu   D) None of them   Ans: **D**

90) The Indus valley people imported from abroad
    A) Wheat   B) Wine
    C) Silver   D) Silk   Ans: **-**

91) The *iatadari* system was introduced by
    A) Balban   B) Aibek
    C) Iltumish   D) Alauddin Khilji   Ans: **C**

92) Which of the following is wrongly matched?
    A) Mesolithic period   - Microlithic industry
    B) Paleolithlic period   - Wandering life
    C) Neollithic period   - Settled life
    D) Chalcollithic period   - Food producing stage.   Ans: **D**

93) Which one of the following does not belong to the "Three Ratnas" of Jainism?
    A) Full Knowledge   B) Meditation
    C) Good action   D) Liberation.   Ans: **D**

94) Who of the following attended all the three Round Table conferences?
    A) B.R, Ambedkar   B) M.M. Malaviya
    C) M.K. Gandhi   D) V.S. Srinivasa Sastri   Ans: **A**

95) Which stories were explained in Ajanta paintings?
    A) Ramayana   B) Mahabharata
    C) Pancha Tantram   C) Jataka stories   Ans: **D**

96) Identify the correct order in which Europeans came to India.
    A) Portuguese, Dutch, English, French
    B) Dutch, English, Portuguese, French
    C) English, Dutch, French, Portuguese
    D) French, Portuguese, English, Dutch.   Ans: **A**

97) Match **List I** with **List II** correctly and select your answer using the codes given below:

List I	List II
a) Sadharmapundarika	1) Divine grace
b) Vajrachedika	2) Heaven
c) Sukhavati vyuha	3) Conduct
d) Karanda Vyuha	4) Metaphysics

Codes:

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

Ans: -

98) Consider the following statements:

Assertion (A): Buddhism does not accept the theory of Karma

Reason (R) : It does not accept the existence of permanent self.

Now select your answer according to the coding scheme given below:
- A) Both (A) and (R) are true and (R) is the correct explanation of (A)
- B) Both (A) and (R) are true, but (R) is not the correct explanation of (A)
- C) (A) is true, but (R) is false
- D) (A) is false, but (R) is true.

Ans: **D**

99) Kamalambal Charitram was written by
- A) Vedanayakam Pillai
- B) Lakshmi
- C) Rajam Iyer
- D) Sivashankari.

Ans: **C**

100) Manimekalai was written by
- A) Tolkappiyar
- B) Kabilar
- C) Elangoadigal
- D) Sittalai Sattanar.

Ans.: **D**

101) Match **List I** with **List II** correctly and select your answer using the codes given below:

List I	List II
a) Kant	1) Climatic classification
b) Thornthwaite	2) Cycle of erosion
c) Whittlesey	3) Origin of the earth
d) Penck	4) Agricultural typology.

Codes:

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

Ans: **A**

102) Consider the following statements:

Assertion (A): Tea and coffee are both grown in the Nilgiri hills.

Reason (B):   Both crops need similar condition for growth

Now select your answer according to the coding scheme given below:
- A) (A) and (R) are True
- B) Both (A) and (R) are true, but (R) is not the correct explanation of (A)
- C) (A) is true, but (R) is false
- D) (A) is false, but (R) is true.

Ans: **C**

103) Which National Highway connects Agra and Mumbai?
- A) NH 1
- B) NH 7
- C) NH 3
- D) NH 5

Ans: **C**

TNPSC GROUP - I

104) International Literacy Day is celebrated on
    A) October 8   B) September 8
    C) August 8   D) December 8   Ans: **B**

105) The oldest oil refinery of India is
    A) Haldia   B) Digboi
    C) Barauni   D) Cochin.   Ans: **B**

106) Tidal Park in Chennai was formed by TIDCO and
    A) Elcot   B) Sathyam
    C) Polaris   D) TCS   Ans: **A**

107) Theni district was bifurcated form Madurai on
    A) 1996   B) 1997
    C) 1998   D) 1999   Ans: **A**

108) Match **List I** with **List II** correctly and select your answer using the codes given below:

List I	List II
a) Vedanthangal	1) Tanjore
b) Kalakadu	2) Nilgiri
c) Mukurthi	3) Tirunelveli
d) Vadur	4) Kancheepuram

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

Ans: **B**

109) Dharmapuri district is known for ____ in Tamil Nadu.
    A) Granite   B) Quartz
    C) Limestone   D) Iron ore.   Ans: **A**

110. Which is the South Indian Oxford of Tamil Nadu?
    A) Salem   B) Kanniyakumari
    C) Tiriunelveli   D) Tuticorin   Ans: **C**

111. Which part of the Himalays has the maximum stretch from east to west?
    A) Kumaun Himalayas   B) Assam Himalayas
    C) Punjab Himalayas   D) Nepal Himalayas   Ans: **D**

112. Consider the following statements:
    Assertion (A): Soils in humid tropical regions lack humus
    Reason (B): Heavy precipitation cause leaching of humus.
    Now select your answer from the coding scheme given below:
    A) Both (A) and (R) are true and (R) is the correct explanation of (A)
    B) Both (A) and (R) are true, but (R) is not the correct explanation of (A)
    C) (A) is true, but (R) is false
    D) (A) is false, but (R) is true   Ans: **B**

113. Which of the following river flows between the Satpuras and the Vinidhyas?
    A) Godavari   B) Gandak
    C) Tapti   D) Narmada   Ans: **D**

114. The boundary between Germany and Poland is called
    A) Hindeberg Line   B) Maginot Line
    C) Durand Line   D) 17th Parallel.   Ans: **A**

115. Ahmedabad town is located on the river
    A) Sabarmati   B) Mahanadi
    C) Gangotri   C) Kaveri   Ans: **A**

TNPSC GROUP - I

116. The term 'NIFE' refers to
 A) Earthquakes   B) Core of the earth
 C) Crust of the earth   D) Ocean floor.   Ans: **B**

117. The length of India's coast line is about
 A) 7516.6 km   B) 7500.5km
 C) 7000 km   D) 6100 km   Ans: **A**

118. What is meant by 'reserved forest'?
 A) A forest reserved exclusively for grazing
 B) A forest reserved for hunting
 C) A forest reserved for commercial exploitation with restrictions on grazing
 D) A forest reserved for the use of tribal people   Ans: **C**

119. Arrange the states in ascending order in terms of sex ratio (2001):
 1) Tripura   2) Uttranchal
 3) Sikkim   4) Rajasthan
 Codes:
 A) 3 2 4 1 B) 1 3 2 4
 C) 2 1 3 4 D) 3 1 2 4   Ans: 3,4,1,2

120. Arrange the following states in descending order on the basis of area:
 1) Andhra Pradesh 2) Gujarat
 3) Bihar   4) Assam
 Codes:
 A) 1 2 3 4
 B) 2 3 1 4
 C) 2 4 1 3
 D) 1 3 2 4   Ans: **A**

121. What were the animals found in the most of the ancient forts for protection?
 A) Lion   B) Tiger
 C) Horse   D) Crocodile   Ans: **D**

122. Where is the Veterinary University in Tamil Nadu located?
 A) Madurai   B) Coimbatore
 C) Trichy   D) Chennai   Ans: **D**

123. Parambikulam project is located in ____ district.
 A) Periyar   B) Coimbatore
 C) Ooty   D) Karur   Ans: **B**

124. Tuticorin is famous for
 A) Spic Fertilizer industry B) Iron and Steel Industry
 C) Aluminium industry D) Machine Tool Industry   Ans: **A**

125. Gokula Krishna Commission was appointed to probe into
 A) Caste clashes in Tamil Nadu
 B) Coimbatore Blast
 C) Study the Dalit's situation in Tamil Nadu
 D) None of these.   Ans: **B**

126. The first Tamil Nadu Chief Minister to be awarded Bharat Ratna is
 A) C.N. Annadurai   B) M.G. Ramachandran
 C) C. Rajagopalachari D) Baktavatchalam.   Ans: **C**

127. The Pykara Scheme of Tamil Nadu is in ___ district.
 A) Salem   B) Periyar
 C) Nilgiri   D) Kanniyakumari   Ans: **C**

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128. Which Tamil nationalist published a literary magazine called "Bala Bharahi"?
    A) Subramanya Bharathi
    B) Subramanya Siva
    C) V.O.C
    D) V.S.S. Iyer   Ans: **D**

129. Match **List I** with **List II** correctly and select your answer using the codes given below:

List I	List II
a) Pattinapakkam	1) The morning bazaar
b) Maruvurpakkam	2) The residential area
c) Nalangadi	3) The evening bazaar
d) Allangadi	4) Coastal area with its harbour.

Codes:

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

Ans: **B**

130. Who assassinated Ashe, the District collector of Tiriunelveli?
    A) V.V.S. Iyer
    B) Vanchi Iyer
    C) V.S. Srinivasa Sastry
    D) S. Srinivasa Iyengar.   Ans: **B**

131. What is the correct expansion of the abbreviation of WTO ?
    A) World Textile Organisaton
    B) World Trade Organisation
    C) World Trusteeship Organisation
    D) World Transport Organisation   Ans: **B**

132. The important parts during the Sangam Age were?
    i) Kaveripattinam   ii) Madurai
    iii) Arikamedu   iv) Kapatapuram   v) Musiri
    Of these
    A) (i), (ii) and (iv)
    B) (i), (ii) and (iii)
    C) (i), (iii) and (iv)
    D) (ii) only   Ans: **C**

133. At present the maximum strength of Lok Sabha is
    A) 545 members
    B) 555 members
    C) 565 members
    D) 575 members   Ans: **A**

134. Human Rights Day is observed on
    A) April 10th
    B) June 10th
    C) September 10th
    D) December 10th Ans: **D**

135. In which of the following places three oceans merge together?
    A) Chennai
    B) Rameshwaram
    C) Kanniyakumari
    D) Tuticorin.   Ans: **C**

136. Match **List I** with **List II** correctly and select your answer using the codes given below:

List I	List II
a) Bharat Heavy Electricals	1) Kalpakkam
b) Defency Research Laboratory	2) Bangalore
c) Indian Space Research Organisation	3) Trichy
d) Atomic Power Plant	4) Hyderabad

Codes:

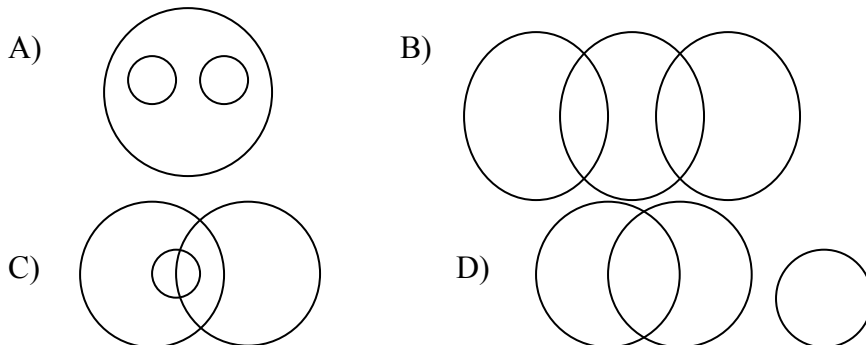|	a	b	c	d
A)	4	3	1	2
B)	3	4	1	2
C)	2	3	4	1
D)	3	4	2	1

Ans: **D**

137. Which of the following is not situated in Tuticorin?
  A) Chemical industry   B) Fertilizer industry
  C) Nuclear power station   D) Thermal Power station.   Ans: **C**

138. Which of the following is not related of Neyveli
  A) Coal   B) Electricity
  C) Lignite   D) Urea.   Ans: **A**

139. Match **List I** with **List II** correctly and select your answer using the codes given below:
  List I   **List II**
  a) Banana tree   1) Ornamental purpose
  b) Acacia tree   2) Festival purpose
  c) Teak tree   3) Fuel purpose
  d) Polyalthlai tree   4) Timber purpose
  Codes: a   b   c   d
  A)   3   1   2   4
  B)   4   3   2   1
  C)   2   3   4   1
  D)   1   2   3   4   Ans: **C**

140. Traditional medicinal plant used for the treatment of 'Jaundice' in Tamil Nadu is
  A) Mango   B) Arasu
  C)Vembu   D) Keelanalli   Ans: **D**

141. The Controller of Insurance is at present
  A) Finance Secretary   B) Deputy Governor, RBI
  C) Chairman, GIC   D) Chairman, IRDA.   Ans: **D**

142. At present the expenditure on Government (both Central and State) as a percentage of GDP is
  A) 5%   B) 17%
  C) 24%   D) 30%   Ans: **D**

143. The sex ratio of India as per 2001 Census was
  A) 935   B) 929
  C) 933   D) 930   Ans: **C**

144. The state which has the lowest record of infant Mortality Rate is
  A) Tamil Nadu   B) Uttar Pradesh
  C) Kerala   D) Madhya Pradesh   Ans: **A**

145. ___ was Hindu religious leader.
  A) Vivekananda   B) Varahamitra
  C) Valmiki   D) Tarabai.   Ans: **A**

146. Which is the international year of Rice?
  A) 2001   B) 2003
  C) 2004   D) 2005.   Ans: **C**

147. The founder of the Newspaper, 'The Hindu' was
  A) S.Subramania Iyer   B) Kasturi Ranga Iyengar
  C) S. Satyamurty   D) T.K. Madhavan   Ans: **A**

148. Which of the following countries of the European Union has not adopted the single currency Euro?
  A) France   B) U.K
  C) Germany   D) Spain   Ans: **B**

149. Who has written the book "Big Egos, small Men" ?
  A) Narasimha Rao   B) Ram Jethmalani
  C) Solli Sorabjee   D) T.N. Seshan   Ans: **B**

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150. 93rd Constitutional Amemndment deals with
    A) Size of the ministry
    B) Separate commission for SC
    C) Compulsory education for the children
    D) Reservation in higher education   Ans: **D**

151. Credit for Starting Space Science Research in India goes to
    A) Homi J. Bhaba   B) V. Sarabhai
    C) C.V. Raman   D) S.S. Bhatnagar   Ans: **B**

152. Consider the following statements:
    Assertion (A): The Space shuttle in which kalpana Chawla, the Indian born American scientist
                 traveled, when reentered into the Earth Atmosphere was burnt.
    Reason (R):   The Space shuttle had the nose cap (made of ceramics) damaged.
    Now select your answer according to the coding scheme given below:
    A) (A) and (R) are not correct
    B) (A) is correct, but (R) is not correct
    C) (A) and (R) are correct, and (R) is the correct explanation
    D) (A) and (R) are correct, but (R) is not the correct explanation.   Ans: **C**

153. Which of the following is not correct?
    Mixing of alcohol with petrol
    A) Saves foreign exchange
    B) Is ecofriendly
    C) Supports sugar industry
    D) Prevents the possibility of adulteration.   Ans: **D**

154. Uranium enrichment is concerned with
    A) Cuba   B) Isreal
    C) Iran   D) South Korea   Ans: **C**

155. The Plant which possesses 'anticancerous activity is
    A) Seetha   B) Polyalthia
    C) Teak   D) Murungai   Ans: **B**

156. The marine algae commercially exploited for the production of 'agar' is
    A) Sargassum   B) Gracilaria
    C) Laminaria   D) Caulerpa   Ans: **B**

157. In India AIDS was first reported in
    A) 1932   B) 1986
    C) 1990   D) 1992   Ans: **B**

158. Biologists celebrate every year 5th June as
    A) World Water Day   B) World Environment Day
    C) W.H.O Day   D) World Population Day.   Ans: **B**

159. Which of the following diagrams represents, elephants dogs and animals?

    A)   B)

    C)   D)

                                                Ans: **A**

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160. $a = bx$, $b = cy$, $c = az$ then xyz is equal to
    A) 1   B) 0
    C) -1   D) None of these   Ans: **A**

161. Pituitary gland is situated in
    A) The neck   B) The base of the heart
    C) The base of the brain   D) The abdomen   Ans: **C**

162. Red colour to the blood is given by
    A) Haemoglobin   B) Albumin
    C) Gamma globulin   D) Muoglobin   Ans: **A**

163. Sexual characters in female are controlled by
    A) Progesterone   B) Estorgen
    C) Testosterone   D) Aldosterone   Ans: **D**

164. A cross between hybrid and either of nay parent (dominant or recessive) is called
    A) Monohybrid cross   B) Back cross
    C) Test cross   D) Dihybrid cross   Ans: **B**

165. Identical twins are produced when
    A) One sperm is fertilized with two eggs
    B) One egg is fertilized with two sperms
    C) One fertilized egg is divided into two blastomers and separated
    D) Two eggs are fertilized with tow sperms.   Ans: **C**

166. In human 457 number of chromosomes (22A + XXY) is resulted in
    A) Down's syndrome   B) Kinefelter's Syndrome
    C) Turner's Syndrome   D) Edward's syndrome.   Ans: **B**

167. Which vaccine should be given to the newborn within 15 days of birth?
    A) 'O' Polio   B) DPT
    C) MMR Vaccine   D) Measles vaccine.   Ans: **A**

168. Match **List I** with **List II** correctly and select your answer using the codes given below:

List I	List II
a) A,B,O blood group	1) Example for point mutation
b) Bald head in man	2) Dihybrid cross
c) Sickle cell anaemia	3) Multiple alleles
d) Independent assortment	4) Sex influenced genes

    Codes:

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

    Ans: **B**

169. Consider the following statements:
    i) ADH is secreted by adenohypophysis   ii) ADH is secreted by infundibulum
    iii) ADH is secreted by neurohypophysis   iv) ADH is secreted by pineal gland
    Of the statements:
    A) (i) and (ii) are correct   B) (ii) alone is correct
    C) (iii) alone is correct   D) (i), (ii) and (iii) are correct   Ans: **C**

170. Consider the following statements:
    Assertion (A): The sperm contains centriole in the neck
    Reason (R):   Centrioles are important for sperm count.
    Now select your answer according to the coding scheme given below:
    A) Both (A) and (R) are false
    B) (A) is true, but (R) is false

C) Both (A) and (R) are true and (R) is the correct reason

D) Both (A) and (R) are true, but (R) is not the correct reason.   Ans: -

171. Which of the following is the chief component of fungal cell wall?

    A) Mucopolysaccharide   B) Cellulose

    C) α – D- Glucopyranose   D) None of these   Ans: **B**

172. Which of the following correctly matched?

    A) Maltose   -   Disaccharides

    B) Fructose   -   Hexose sugar

    C) Cellulose   -   Structural polysaccharide

    D) All of these   Ans: **D**

173. Natural lipids are readily soluble in

    A) oil   B) Water

    C) Mercury   D) None of these   Ans: **D**

174. The number of ATP molecules yielded from 2NADH2 molecule is

    A) 3   B) 4

    C) 6   D) 12   Ans: **C**

175. Consider the following statements

Assertion (A): Nitrogen plays an important role in growth, metabolism heredity and respiration.

Reason (R):   It suppressed formation of flowers.

Now select your answer from the coding scheme given below:

    A) Both (A) and (R) are true and (R) is the correct explanation of (A)

    B) Both (A) and (R) are true, but (R) is not the correct explanation of (A)

    C) (A) is true, but (R) is false

    D) (A) is false, but (R) is true   Ans: **B**

176. Consider the following statements

Assertion (A): The primary physiological effects of auxin in plants is to stimulate the 'elongation of cells in shoots'.

Reason (R):   Dormancy of buds can be broken by auxin treatment.

Now select your answer from the coding scheme given below:

    A) Both (A) and (R) are true and (R) is the correct explanation of (A)

    B) Both (A) and (R) are true, but (R) is not the correct explanation of (A)

    C) (A) is true, but (R) is false

    D) (A) is false, but (R) is true   Ans: **B**

177. Consider the following statements

Assertion (A): Green vegetables, soyabean oil, tomatoes etc. are chief sources of Vitamin K.

Reason (R):   Vitamin K prevents erosion of the skin in higher animals

Now select your answer from the coding scheme given below:

    A) Both (A) and (R) are true and (R) is the correct explanation of (A)

    B) Both (A) and (R) are true, but (R) is not the correct explanation of (A)

    C) (A) is true, but (R) is false

    D) (A) is false, but (R) is true   Ans: **C**

178. The cell responsible for fixing atmospheric nitrogen in blue green algae is

    A) Akinetes   B) Heterocysts

    C) Aplanospores   D) Parthenospores.   Ans: **B**

179. The synthesis of glucose from fat is called

    A) Glycolysis   B) T.C.A

    C) Gluconeogenesis   D) Saponification   Ans: **C**

180. Which one of the following is not correctly matched?

    A) Vitamin 'A'   -   Fat Soluble
    B) Vitamin 'C'   -   Water soluble
    C) Vitamin 'B'   -   Water soluble
    D) Vitamin 'D'   -   Water soluble   Ans: **D**

181. Drinking soda is

    A) Neutral   B) Amphoteric
    C) Basic   D) Acidic   Ans: **D**

182. Which of the following is found in kidney stone?

    A) Ammonium oxalate   B) Calcium oxalate
    C) Potassium oxalate   D) Sodium oxalate   Ans: **B**

183. Which of the following is a laughing gas?

    A) Carbon monoxide   B) Carbon dioxide
    C) Nitrous oxide   D) Sulphur dioxide   Ans: **C**

184. Coating of Zinc over iron article is known as

    A) Galvanisation   B) Electroplating
    C) Electrorefining   D) Etching.   Ans: **A**

185. Tincture of iodine is

    A) iodine   B) Iodine and iodoform
    C) Iodine and potassium iodide   D) Iodoform   Ans: **C**

186. The protein content is of the order

    A) Soyabean > egg yolk > rice   B) Egg Yolk> soyabean > rice
    C) Egg yolk > rice > soyabean   D) Soyabean > rice > egg yolk   Ans: **A**

187. Which one of the following is correctly matched?

    A) Liquid gold   -   Lead
    B) Liquid silver   -   Mercury
    C) Aqua regia   -   Silver
    D) Green silver   -   Copper   Ans: **B**

188. Which one of the following is correctly matched?

    A) Charcoal   -   Inactive carbon
    B) Diamond   -   Conductor
    C) Graphite   -   Insulator
    D) Fullerene   -   Soluble form of carbon   Ans: **-**

189. Match **List I** with **List II** correctly and select your answer using the codes given below:

    List I   **List II**
    a) Lead tetraethyl   1) Global warming
    b) Liquid hydrogen   2) Antiknocking agent
    c) Hydrogen peroxide   3) Rocket fuel
    d) Carbon dioxide   4) Bleaching agent

    Codes: a   b   c   d
      A)   2   1   3   4
      B)   1   3   2   4
      C)   2   4   3   1
      D)   2   3   4   1   Ans: **D**

190. Consider the following statements

    Assertion (A): Silver articles on exposure to air become black
    Reason (R):   Silver is oxidised to silver oxide
    Now select your answer from the coding scheme given below:

A) Both (A) and (R) are true and (R) is the correct explanation of (A)
B) Both (A) and (R) are true, but (R) is not the correct explanation of (A)
C) (A) is true, but (R) is false
D) (A) is false, but (R) is true   Ans: **A**

191. Semiconducting property of silicon is due to
    A) Its positive temperature coefficient of resistance
    B) Its negative temperature coefficient of resistance
    C) Wide band gap
    D) Narrow band gap   Ans: **B**

192. Light from the sub reaches the earth in
    A) 45 minutes   B) 8 minute
    C) 5 minute   D) 2 minute   Ans: **B**

193. Which of the following is used in electric heaters and irons ?
    A) Tungsten   B) Steel
    C) Copper   D) Nichrome   Ans: **D**

194. Which one of the following instruments is used to measure the speed of water through a pipe?
    A) McLeod gauge   B) Pressure gauge
    C) Screw guage   D) Ventruimeter   Ans: **D**

195. The distance of stars is measured by the unit
    A) kilometre (Km)   B) angstrom (A) unit
    C) light year   D) Giga metre   Ans: **C**

196. Theory of relativity was proposed by which one of the following scientists in the year 1905?
    A) Rutherford   B) Thomson
    C) Bohr   D) Einstein   Ans: **D**

197. The moderator used in the nuclear reactor at Madras atomic power station in Kallpakkam is
    A) Water (H_2O)   B) Graphite
    C) Heavy Water (D_2O)   D) None of these   Ans: **C**

198. Radio carbon in nature is produced as a result of
    A) the action of UV rays on ordinary carbon
    B) the action of IR rays on ordinary carbon
    C) the action of cosmic rays on earth's atmospheric nitrogen
    D) the action of X-rays on ordinary carbon.   Ans: **C**

199. The speed of sound is higher in which one of the following mediums?
    A) Liquids   B) Solids   C) Gases   D) Same in all   Ans: **B**

200. The huge amount of energy released in nuclear fission and fusion reaction is due to the conversion of
    A) Chemical energy into heat energy   B) Protons into neutrons
    C) Mass into energy, according to Einstein's equation   D) Mechanical energy into heat energy
                                                                             Ans: **C**