

1. The Carbon dioxide dissolved in water

- a) Enhances corrosion
- b) Suppresses corrosion
- c) Prevents corrosion
- d) Has no influence on corrosion

2. Nylon is a

- a) Polyester    b) Polythylene
- c) Polyamide    d) Polyaccharide

3. One carat of diamond is

- a) 100 mg    b) 200 mg
- c) 300 mg    d) 400 mg

4. Sugar in blood and urine is tested with

- a) Benedict's solution    b) Brine solution
- c) Hypo solution    d) Iodine solution

5. TV antenna elements are made up of

- a) Aluminum    b) Copper
- c) Tin    d) Zinc

6. Dry ice is

- a) Liquid nitrogen    b) purified ice
- c) solid carbon dioxide    d) supercooled ice

7. The calorific value of the fuel is of the order

- a) Coal > peat > lignite > dried >
- b) Peat > lignite > coal > dried wood
- c) Lignite > peat > coal > dried >
- d) Coal > lignite > peat > dried wood

8. Which one of the following is correctly matched?

- a) Baking soda - Sodium
- b) Caustic soda - Calcium carbonate
- c) Sodamine - Sodium carbonate
- d) Washing soda - Calcium hydroxide

9. Which one of the following is correctly matched?

- a) Ascorbic acid - Vitamin
- b) Insulin - Antiseptic
- c) Penicillin - Antipyretic

d) Proteins - Polysaccharide

10. Consider the following statements:

Assertion (A): Rusting of iron is quicker in sea water than in river water

Reason (R): Salinity helps in carrying current

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

11. Which hormone is responsible for ejection of milk?

- a) Oxytocin    b) Prolactin
- c) Thyroxine    d) Testosterone

12. Rhinoceros is unique to which of the following sanctuaries?

- a) Periyar    b) Gir forest
- c) Kaziranga    d) Jim Corbett

13. In human 45 numbers of chromosomes (22AA + XO) is resulted in

- a) Turner's syndrome
- b) Down syndrome
- c) Klinefelter's syndrome
- d) Edward's syndrome

14. Which of the following is called as royal disease?

- a) Anemia    b) Leukemia
- c) Haemophilia    d) Colour blindness

15. Which one of the following is not a Vaccine?

- a) Polio Vaccine    b) BCG
- c) Anti - rabies    d) Progesterone

16. Mutation was discovered by

- a) Morgan    b) Huxley

c) Mendel d) Hugo de Vries

17. The red colour of the blood is due to

- a) Albumin b) Haemoglobin  
c) Vitamin B<sub>6</sub> d) Relaxin

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

List I		List II	
a) Growth hormone		1. Pancreas	
b) Thyroxine		2. Testis	
c) Insulin		3. Pituitary	
d) Testosterone		4. Thyroid	

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

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

List I		List II	
a) Artery		1. Pure blood	
b) Vein		2. Oxygenated blood	
c) Pulmonary artery		3. Deoxygenated blood	
d) Pulmonary vein		4. Impure blood	

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

20. Consider the following statements:

Assertion (A): Malarial parasite feeds on the blood of man

Reason (R): One of the parasite adaptations is loss of digestive system and depends on host for food

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

21. Which one of the following is not one of the recommendations of the Second Labour Commission (2002)?

a) A broad grouping of labour legislation

b) Permitting child labour in the unorganized sector

c) Notifying a national floor level of minimum wage

d) None of these

22. To – day India's external debt is (2001 figures)

a) \$ 98.4 billion b) \$151.8 billion

c) \$ 61 billion d) \$ 98.87 billion

23. On which of the following bases has the Planning Commission defined poverty in India?

a) 2400 k.cals b) 1800 k.cals

c) 2500 k.cals d) 2600 k.cals

24. What was the population of India as per the 2001 Census?

a) 102.7 crores b) 104.3 crores

c) 101.2 crores d) 108.1 crores

25. World Environment Day is celebrated on \_\_\_\_\_ every year

a) 18<sup>th</sup> May b) 5<sup>th</sup> June

c) 24<sup>th</sup> October d) 25<sup>th</sup> December

26. The total number of Lok Sabha seats is

a) 500 b) 520 c) 620 d) 543

27. Vande Mataram was first sung at the session of the Indian National Congress in

a) 1892 b) 1896 c) 1904 d) 1886

28. Which of the following is an inland river port?

- a) Kolkata    b) Mumbai  
c) Chennai    d) Tuticorin

29. The correct descending order of the three categories of the chiefs was

- a) Vender, Kilar, Velir  
b) Vendar, Velir, Kilar  
c) Velir, Vendar, Kilar  
d) Kilar, Velir, Vendar

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

List I		List II	
a) Silappadikaram		1. Thiruvalluvar	
b) Manimekalai		2. Ilango Adigal	
c) Tirukkural		3. Agastiyar	
d) Akkalyiam		4. Sittalai Sattanar	

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

31. Which of the following materials was a famous commercial product in ancient Tamil Nadu exported to other places?

- a) Fish    b) Pearl    c) Pulses    d) Dogs

32. Name the President of Tamil Nadu Congress at the time of Non – cooperation movement was

- a) Rajaji    b)Prakasam  
c) K. V. Reddy    d) Periyar E.V.R

33. In the last General Elections of 2004 the DMK won

- a) 12 seats    b) 16 seats  
c) 14 seats    d) 10 seats

34. The longest river of Tamil Nadu is

- a) Kaveri    b) Pennayar  
c) Tamirabarani    d) Vaigai

35. Recently developed Hyundai Car Industry is located in the district of

- a) Kancheepuram    b) Tiruvallur  
c) Cuddalore    d) Karur

36. The Philosophers must be the Kings who said this?

- a) Jawaharlal Nehru    b) Plato  
c) Aristotle    d) Indira Gandhi

37. Who is the author of the book A Foreign Policy of India?

- a) I.K.Gujral    b) B.G. Deshmukh  
c) L.K.Advani    d) A.J. Toynbee

38. The Vaikom Satyagraha was launched in 1924 for

- a) Opening the temples to the low caste Hindus  
b) Fighting against the exploitation by the Landlords  
c) Removal of press restrictions  
d) Democratization of the administration of Travancore State

39. Mc Mohan line lies between which of the following countries

- a) India and Pakistan    b) India and Bangladesh  
c) India and China    d) India and Myanmar

40. Which of the following largely influenced the Hindustani music?

- a) Arab – Persian music    b) Persian music  
c) Central Asian Tradition    d) All of these

41. Which State produces the bulk of natural rubber in India?

- a) Tamil Nadu    b) Karnataka  
c) Andhra Pradesh    d) Kerala

42. The total area of India is about

- a) 31 Lakh sq.km    b) 37 lakh sq.km  
c) 32 lakh sq.km    d) 35 lakh sq.km

43. Consider the following statements:

Assertion (A): The equatorial region has dense evergreen forests having a variety of trees and other plants

Reason (R): The equatorial region has uniformly hot wet conditions throughout the year

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

44. Which of the following is a planetary wind?

- a) The westerlies      b) Sea breeze  
 c) Fohn                  d) Mistral

45. Where does the third largest concentration of population lie?

- a) North America      b) Eurasia  
 c) South America      d) Africa

46. Director General of newly established National Investigation Agency (NIA) is

- a) Y.S. Dadwal      b) Rahda Vinod Rau  
 c) P.R. Raju          d) None of them

47. Place known for windmills is

- a) Muppandal      b) Tirupur  
 c) Nanguneri      d) None of these

48. Tirupur is located on the banks of river

- a) Bhavani      b) Noyyal  
 c) Periyar      d) Palar

49. In Tamil Nadu sugar mill is located at

- a) Lalgudi      b) Tirunelveli  
 c) Karur      d) Cuddalore

50. As per census report 2001, percentage of scheduled caste people of population in Tamil Nadu is

- a) 20%      b) 19%  
 c) 26%      d) 10%

51. Samudragupta permitted a foreign king Meghavarman to build a monastery at Gaya.

Meghavarman belongs to

- a) Nepal      b) Sri Lanka  
 c) Bhutan      d) Pakistan

52. Consider the following statements

I. Most of the inscriptions of the Pallavas were in Sanskrit

II. Mahendravarman – I composed a burlesque called Mattavilasa Prahasana

III. The Chinese traveler Hiuen Tsang visited Kanchi during the period of Pallavas

IV. Dingnaga was the logician and the author of Nyaya Bhasya

- a) I alone is correct      b) I and II are correct  
 c) I, II and III are correct      d) All are correct

53. Which one of the following rulers had a uniform administration all over the country?

- a) Gupta rulers      b) Mughal rulers  
 c) British rulers      d) All of these rulers

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

List I

- a) Lalit Kala Academy  
 b) Sangeet Natak Academy  
 c) Sahitya Academy  
 d) Rashtriya Manava Sangrahalaya

List II

1. National Academy of Letter  
 2. National Institution to highlight human biological and cultural evolution  
 3. National Academy of fine Arts  
 4. National Academy of Music Dance and Drama

- A      B      C      D

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

55. The chief Features of the temples constructed by the Cholas were their

- a) Vimanas b) Assembly halls for the devotees  
c) Massive pillars d) Gopuras

56. The first verse drama (opera) in Tamil is

- a) Harichandra Natakam b) Nandan Charitram  
c) Shakuntala Natakam d) Savitri Natakam

57. The Kailasanath temple at Kanchipuram was built by

- a) Nandivarman II b) Mahendravarman I  
c) Narasimhavarman II d) Dandivarman

58. The Indus Valley people built their house using

- a) Stone b) Wood  
c) Bricks d) All of these

59. The main occupation of the Paleolithic people was

- a) Agriculture b) Animal husbandry  
c) Fishing d) Hunting and gathering food

59. The main occupation of the Paleolithic people was

- a) Agriculture b) Animal husbandry  
c) Fishing d) Hunting and Gathering food

60. Two greatest pioneers in the course of widows education were

- a) D.K. Karve and Pandit Ramabai  
b) M.G. Ranade and R.G. Bhandarkar  
c) Ishwarchandra Vidyasagar and Keshav Chandra Sen  
d) B.M. Malabari and K. Sridharalu Naidu

61. The aspect of the caste system which was particularly condemned by all social reformers was

- a) Varna System b) Jati system  
c) Ashram system d) Untouchability

62. The fundamental duties are incorporated in Article 51 A of the Constitution of India by the

- a) 41<sup>st</sup> Amendment Act  
b) 42<sup>nd</sup> Amendment Act  
c) 43<sup>rd</sup> Amendment Act  
d) 44<sup>th</sup> Amendment Act

63. Which one of the following is not considered as part of the civil society?

- a) Non – governmental organizations  
b) Caste – based associations  
c) Legislature d) Family

64. The Supreme Court of India set up by the

- a) Charter Act, 1813 b) Pitts India Act, 1784  
c) Charter Act, 1813 d) Charter Act, 1833

65. Ordinance of Governor has to be passed by the Assembly within

- a) 6 weeks b) 8 weeks  
c) 10 weeks d) 12 weeks

66. What is the maximum gap permissible between two sessions of the Parliament?

- a) One Month b) Three months  
c) Six months d) One year

67. Which of the following states has a separate constitution?

- a) Madhya Pradesh b) Uttar Pradesh  
c) West Bengal d) Jammu & Kashmir

68. Which of the following statements regarding the fundamental duties contained in the Constitution of India are correct?

- I. Fundamental duties can be enforce through writ jurisdiction

- II. Fundamental duties have formed a part of the Constitution of India since its adoption
- III. Fundamental duties have become a part of the Constitution of India in accordance with the recommendations of the Swaran Singh Committee
- IV. Fundamental duties are applicable only to citizens of India

Of the Statements:

- a) I, II and III are correct  
b) I, II and IV are correct  
c) II and III are correct  
d) III and IV are correct

69. Consider the following statements:

Assertion (A): The 73<sup>rd</sup> Amendment granted constitutional status to the Gram Sabha

Reason (R): The Balwantrai Mehta Committee mentioned the Gram Sabha

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

70. Planning Commission was established in 1950 through

- a) A constitutional Amendment  
b) A Supreme Court order  
c) An executive order  
d) A decision by the Parliament

71. In which year was Legislative Council abolished in Tamil Nadu?

- a) 1984    b) 1985    c) 1986    d) 1987

72. The major emphasis in the First Year Plan was on

- a) Employment generation    b) Agriculture  
c) Export promotion    d) Industry

73. UNICEF was established in the year

- a) 1946    b) 1956    c) 1949    d) 1654

74. Which one of the following is correct?

- a) Human Development Index  
b) PQLI – 1996  
c) Social Indicators – India  
d) Welfare measures – Morris

75. Indian Telephone Industries Ltd. is located at

- a) Mumbai and Bangalore    b) Bangalore  
c) Mumbai and New Delhi    d) Mumbai and Chennai

76. Raurkela steel plant was set up with the assistance from

- a) USSR    b) UK  
c) USA    d) West Germany

77. The Oil and Natural Gas Commission was set up in

- a) 1956    b) 1957    c) 1959    d) 1961

78. The Deputy Chairman of Planning Commission

- a) Is the Prime Minister  
b) Is the Planning Minister  
c) Holds the rank of a Cabinet Minister  
d) Is an economist or repute

79. World Trade Organization was started in the year?

- a) 1984    b) 1994    c) 1995    d) 1996

80. In Tamil Nadu, the district with the highest sex ratio as per 2001, census is

- a) Tuticorin    b) Tirunelveli  
c) Ramnad    d) Nilgris

81. The Green Revolution has led to marked increase in

- I. Productivity of wheat

II. Productivity of pulses

III. Regional inequalities

IV. Inter – personal inequalities

Of the statements:

a) I and II are correct b) III and IV are correct

c) I, III and IV are correct d) All are correct

82. The chief center or meeting point of the Indo – Roman trade was

a) Arikamedu b) Alexandria

c) Madurai d) Musiri

83. The Indus Valley Civilization is about

a) Ten thousand years old

b) Seven thousand years old

c) Five thousand years old

d) Three thousand years old

84. Upanishads are books on

a) Religion b) Yoga

c) Philosophy d) Law

85. Which one of the following is correctly matched?

a) Ellora Caves – Saka

b) Mahabalipuram – Rashtrakutas

c) Meenakshi temple – Pallavas

d) Khajuraho – Chandelas

86. Which of the following were included in the Cripps proposals?

I. India was promised dominion status

II. Setting up of a constitution – making body consisting of the elected representatives from British India and Members from the princely states

III. Setting up of an Executive Council composed of Indians alone

IV. It suggested partition of India

Of the Statements:

a) I, II and III are correct

b) II, III and IV are correct

c) I, III and IV are correct

d) I, II and IV are correct

87. The Jain temples known for the finest marble carvings in India are situated at

a) Gwalior b) Jaipur

c) Gandhara d) Dilwara

88. Who prepared the draft of the Quit India resolution?

a) Acharya Kripalani b) Jawaharlal Nehru

c) Sardar Vallabhai Patel

d) Pattabi Sitaramayya

89. Arrange the following events in chronological order and mark the correct choice from the options given below:

I. death of Bal Gangadhar Tilak

II. Nagpur session of the Congress

III. The Moplah uprising

IV. The inauguration of Vishwa Bharati at Shantiniketan

a) IV, III, II and I b) III, IV, II and I

c) II, I, III and IV d) III, II, IV and I

90. Who is called the father of pure Tamil Movement?

a) Bhavanar b) Bharathi

c) Thiru V. Kalyanasundaranar

d) Maraimalaiadigal

91. The Boys and Girls in a college are in the ratio 3:2. If 20% of the boys and 25% of the girls are adults, the percentage of students who are not adults is

a) 67.5% b) 82.5%

c) 78% d) 58%

92. Five years ago the average age of A,B,C,D

was 45 years. By including X the present average

of all the five is 49 years. Then the present age of X is

- a) 64 b) 48 c) 45 d) 40

93. The difference between simple interest and the compound interest on Rs. 800 at 5% per annum for 1 year is

- a) Rs. 81 b) Rs. 41  
c) Rs. 56.50 d) None of these

94. A boat moves downstream at the rate of 1 km in 6 minutes and upstream at the rate of 1 km in 10 minutes. The speed of current is

- a) 2 km/hr b) 1 km/hr  
c) 1.5 km/hr d) 2.5 km/hr

95. The ratio of number of boys and girls in a school of 720 students is 7:5. How many more girls should be admitted to make the ratio 1:1?

- a) 90 b) 220 c) 120 d) 240

96. Which of the following is used for crystal structure studies?

- a) Infrared spectroscopy  
b) Raman Spectroscopy  
c) Atomic emission spectroscopy  
d) X – ray diffraction

97. The scientist who first sent electromagnetic waves to distant places is

- a) James Clark Maxwell b) Heinrich Hertz  
c) Thomas Alva Edison d) Baird

98. In the electrical circuit of a house the fuse is used

- a) to regulate the current b) to load  
c) as safety device  
d) as setp-down device

99. Hexadecimal is the number system with base

- a) 10 b) 16 c) 8 d) 2

100. The radius of an atom is

- a)  $10^{-12}$  m b)  $10^{-15}$  m

- c)  $10^{-16}$  m d)  $10^{-10}$  m

101. The rays similar to X – rays but of smaller wavelength that are given off by radioactive substances are

- a)  $\alpha$ -rays b)  $\beta$ -rays  
c)  $\gamma$ -rays d) Cosmic rays

102. In which one of the following places is electricity generated from hydel power?

- a) Neyveli b) Ennore  
c) Tuticorin d) Mettur

103. In an LCR circuit which will give a phase lead to current than voltage

- a) L (inductance) b) C (capacitance)  
c) R (resistance) d) All together

104. A drop of water is spherical due to

- a) Surface tension b) Low pressure  
c) Air resistance d) Viscosity of water

105. The frequency of ultrasound wave is typically

- a) Above 20 kHz b) above 20000 kHz  
c) Below above 20 kHz d) below above 2 kHz

106. Good plant source of choline are

- a) Yeast b) Mushroom  
c) Green leaves d) Cereal grains

107. Ornithophily refers to

- a) Pollination through wind  
b) Pollination through birds  
c) Pollination by insects  
d) Dispersal seeds by wind

108. Identify the chemosynthetic bacteria among the following

- a) Rhizobium b) Clostridium  
c) Nitrobacter d) Beggiatoa

109. The removal of water from the plants in the form of liquid droplets is



- a) guttation                      b) transpiration  
c) transduction                  d) transformation

110. Sirenin is a sex hormone produced by

- a) Alga                      b) Fungus  
c) Lichen                  d) Bacterium

111. Which one of the following is a total stem parasite?

- a) Cuscuta                  b) Drosera  
c) Viscum                  d) Vanda

112. The plant which was successfully used in the production of edible vaccine is

- a) Pea                      b) Mango  
c) Potato                  d) Cabbage

113. Identify the characteristic feature of a prokaryotic cell

- a) Presence of wall  
b) Presence of 80s ribosome  
c) Absence of genetic material  
d) Presence of 70s ribosome

114. During respiration the oxidative phosphorylation takes place in

- a) Matrix of chloroplast  
b) Matrix of mitochondrion  
c) Inner membrane of mitochondrion  
d) Grana of chloroplast

115. Mitochondria are present in all cells, except

- a) Yeast                      b) Bacteria  
c) Fungi                      d) Algae

116. Consider the following statements:

Assertion (A): A rocket that is sent to space has to give an extra force at certain distance from earth

Reason (R): At a certain distance from earth is encircled by a ring of vacuum

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

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

List I

- a) Relationship between electricity and magnetism                  1. Neils Bohr  
b) Velocity of light                                  2. Ampere  
c) Radio waves    3. Foucault  
d) Structure of atom                                  4. Hertz

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

118. Fuel cells are used in

- a) Aircrafts                      b) Electric locomotives  
c) Space craft's                  d) Submarines

119. From which of the following biodiesel is obtained?

- a) Ethyl alcohol                  b) Cellulose  
c) Bagasse                      d) Jatropha

120. The plant group which yields Taxol belongs to

- a) Bryophyte                      b) Gymnosperm  
c) Pteridophyte                  d) Lichen

121. Alga used for hydrocarbon production is

- a) Gracilaria                      b) Chlorella  
c) Botryococcus                  d) Sargassum

122. When did National Biodiversity Act of India come into existence?

- a) 2002    b) 1992    c) 1997    d) 1967

123. World AIDS Day is observed on

- a) 1<sup>st</sup> January      b) 4<sup>th</sup> April  
c) 1<sup>st</sup> December    d) 20<sup>th</sup> August

124. What least number must be added to 1056 to get a number exactly divisible by 23?

- a) 21    b) 25    c) 3    d) 2

125. The ratio of two numbers is 13:15 and their LCM is 39780. The numbers are

- a) 2652, 3060    b) 884, 1020  
c) 884, 1040    d) 670, 1340

126. So far how many American Presidents visited India?

- a) Three      b) Five  
c) Six        d) Seven

127. Terrorists attacked Indian Parliament on

- a) November 13, 2001    b) September 13, 2001  
c) December 13, 2001    d) December 13, 2002

128. The Election Commission in 2000 derecognized which National Party?

- a) Nationalist Congress      b) Janata Dal  
c) CPI (M)                      d) CPI

129. In which year was Mandal Commission report implemented?

- a) 1989      b) 1990  
c) 1991      d) 1992

130. After being elected as the Speaker of the Lok Sabha a person

- a) Remains a member of his party  
b) Is not a member of the Parliament  
c) Becomes a non – party man  
d) May or may not remain party man

131. Place known for silk fabrics is

- a) Coimbatore      b) Mumbai  
c) Kancheepuram    d) Surat

132. What is the expansion of CLRI?

- a) Central Laser Research Institute

b) Central Latex Research Institute

c) Central Leather Research Institute

d) Culture and Language Research Institute

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

List I

List II

a) Neem Leaf

1. Lord Vinayaka

b) Arasu Leaf

2. Lord Shiva

c) Tulasi Leaf

3. Amman

d) Vilvam Leaf

4. Lord Vishnu

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

134. Which one of the following fruits is not included in the list of Mukkani?

- a) Jackfruit      b) Mango  
c) Banana        d) Sapota

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

List I

List II

a) Bull

1. Yama

b) Rat

2. Sivaperuman

c) Peacock

3. Vinayaka

d) Buffalo

4. Muruga

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

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

List I

List II

a) Nilgris

1. Fold Mountain

b) Vosges

2. Block Mountain

- c) Alps 3. Volcanic Mountain  
 d) Mt. Fuji 4. Residual Mountain
- |    |   |   |   |   |
|----|---|---|---|---|
|    | A | B | C | D |
| a) | 2 | 3 | 4 | 1 |
| b) | 3 | 4 | 2 | 1 |
| c) | 4 | 2 | 1 | 3 |
| d) | 2 | 1 | 4 | 3 |

137. The climate around Bikaner can be described as

- a) Tropical monsoon b) Hot desert  
 c) Mediterranean type d) Semi – arid steppe

138. In which state does the maximum area of black soil occur?

- a) 2.4% b) 3.4% c) 4.2% d) 4.3%

139. India is the seventh largest country in the world. It occupies \_\_\_\_ of world area

- a) 2.4% b) 3.4% c) 4.2% d) 4.3%

140. The Khasi and Jaintia hills are located in

- a) Arunachal Pradesh b) Meghalaya  
 c) Manipur d) Nagaland

141. The Largest Producer of chillies in the world is

- a) India b) Bangladesh  
 c) Pakistan d) Sri Lanka

142. The ideal temperature for the growth of sugarcane is

- a) 20<sup>0</sup> C to 30<sup>0</sup> C b) 15<sup>0</sup> C to 40<sup>0</sup> C  
 c) 15<sup>0</sup> C to 20<sup>0</sup> C d) 25<sup>0</sup> C to 40<sup>0</sup> C

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

List I	List II
a) Mt. Everest	1. South America
b) Mt. Kilimanjaro	2. Europe
c) Mt. Elbrus	3. Africa
d) Mt. Aconcagua	4. Asia
A	B
C	D

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

144. Which of the following is the smallest in terms of area?

- a) Vatican City b) Monaco  
 c) Nauru d) San Marino

145. The maximum daily range of temperature can be observed at

- a) Chennai b) Thiruvananthapuram  
 c) Delhi d) Mumbai

146. Who established the Pathini Cult?

- a) Nedunjeraladan b) Karikalan  
 c) Elango Adigal d) Senguttuvan

147. The Carnatic wars were fought between

- a) The Nawab of Carnatic and the British  
 b) The Nawab of Carnatic and the French  
 c) The British and the French  
 d) None of them

148. Consider the following statements:

Assertion (A): The Kushanas were of Central Asian origin

Reason (R): They were a derivative of the Yue – chi tribe

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

149. Consider the following statements:

Assertion (A): Dr. Annie Besant organized the Home Rule movement against the British rule

Reason (R): She wanted to organize all sections of Indian people on the basis of a single political slogan above religious considerations

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

150. Which one of the following is not the minor deity according to Aryans?

- a) Mitra      b) Adityas
- c) Asvins      d) Vasus

151. A great exponent of Mahayanism was

- a) Dingnaga      b) Dharmakirti
- c) Nagarjuna      d) Vasubandhu Asanga

152. Which of the following monuments was built in memory of the soldiers who lost their lives in World War I?

- a) Gateway of India      b) India Gate
- c) Vijay Path      d) Victoria Memorial Hall

153. Suez Canal was first opened in the year

- a) 1839      b) 1849      c) 1859      d) 1869

154. Which is described in Ajanta Paintings?

- a) Jainism      b) Buddhism
- c) Saivism      d) Vaishnavism

155. Where were the principles of Panchsheel regulated?

- a) Paris      b) New Delhi
- c) Pandong      d) Cairo

156. Who said Patriotism is religion is love for India?

- a) Swami Vivekananda
- b) Raj Narain Bose

c) Bankim Chandra Chatterji

d) Bal Gangadhar Tilak

157. Which of the following is not a representative of Buddhist art?

- a) Stup      b) Vihara
- c) Chaitya      d) Relic towers

158. The masterpieces of Mauryan art were the

- a) Stupas      b) Sculptures
- c) Ashoka Pillars      d) Both (B) and (C)

159. The people of Indus Valley civilization worshipped?

- a) Pashupati      b) Indra and Varuna
- c) Brahma      d) Vishnu

160. Wardha Scheme of Basic Education is proposed by

- a) Jawaharlal Nehru      b) Liaquat Ali Khan
- c) Mahatma Gandhi      d) M.A. Jinnah

161. Compared to Gupta age the caste system was more rigid during

- a) The Mauryan age
- b) The time of Harshavardhana
- c) The Sakas      d) The Cholas

162. Which of the following was a Chola King?

- a) Nedunjhelian      b) Karikalan
  - c) Nedunjeraladan      d) Aryappadai Kadanda
- Nedunjhelian

163. The Shiva temple at Thanjavur was built by Rajaraja the Great who was

- a) A Chola ruler      b) A Pallava ruler
- c) A Pandya ruler      d) None of them

164. The Indus Valley civilization was discovered in the year

- a) 1922      b) 1910      c) 1822      d) 1824

165. Gangaikonda Cholapuram temple was built by

- a) Rajaraja I      b) Vikrama Chola

c) Rajadhiraja d) Rajendra I

166. Consider the following statements

District administration stands for

- I. Law and order administration within a district
- II. Revenue administration within a district
- III. Development administration within a district
- IV. Public administration within a district

Of the Statements

- a) I alone is correct
- b) II alone is correct
- c) I, II and III are correct
- d) IV alone is correct

167. How many languages are there in the Eighth Schedule of the Constitution of India?

- a) Eighteen languages
- b) Nineteen languages
- c) Sixteen languages
- d) Twenty – one languages

168. In which list does the Union Government enjoy exclusive powers?

- a) Union List b) State List
- c) Concurrent List d) Both (A) and (B)

169. Consider the following statements:

Right to information is necessary in India because it

- I. Increase people's participation in administration
- II. Makes administration more accountable to people
- III. Makes administration more innovative
- IV. Makes people aware of administration decision making

- a) I, II and III are correct
- b) II, III and IV are correct
- c) I, II and IV are correct
- d) I, III and IV are correct

170. In which year was High Court in Madras established?

- a) 1862 b) 1871 c) 1881 d) 1891

171. In which by election to the Parliament did the ADMK win for the first time

- a) Karur b) Andipattic
- c) Dindigul d) Madurai

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

List I

List II

- a) DMK 1. Mango
- b) AIADMK 2. Rising Sun
- c) MDMK 3. Two leaves
- d) PMK 4. Top

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

173. Who was the Chief Minsiter of Tamil Nadu during the time of Independence of India?

- a) O.P. Ramasamy Reddiar b) Kamaraj
- c) Rajaji d) Bakthavatchalam

174. The total number of members of Tamil Nadu Legislative Assembly is

- a) 231 b) 232 c) 233 d) 234

175. In Tamil Nadu farmer market is introduced by

- a) M.G. Ramachandran
- b) Janaki Ramachandran
- c) Karunanidhi
- d) Jayalalithaa

176. The district with highest population in Tamil Nadu as per 2001 census is

- a) Madurai b) Chennai
- c) Coimbatore d) Trichi

177. The district with highest literacy rate in Tamil Nadu is

- a) Kanniyakumari      b) Tirunelveli  
c) Cuddalore            d) Thanjavur

178. The density of population in Tamil Nadu is (As per 2001 census)

- a) 478   b) 456   c) 411   d) 626

179. SEBI has introduced rolling settlement for selected shares under the method

- a) All shares have to be paid for on the day of purchase  
b) Purchaser has to make advance payment for the share  
c) Purchase can be set off against sales  
d) Payment has to be settled at the end of 5<sup>th</sup> day

180. Which of the following statements is correct regarding Indira Awas Yojana?

- a) Soil and water conservation works  
b) Construction of rural roads  
c) Providing houses at free of cost to the members of SC/ST and free bonded laborers  
d) Land development and waste land development

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

List I

List II

- a) IFCI                      1. 1955  
b) ICICI                     2. 1964  
c) IDBI                      3. 1948  
d) EXIM Bank             4. 1971

A      B      C      D

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

182. Consider the following statements:

I. The expansion of the public sector was based on Industrial Policy Resolution, 1956

II. Govt. has announced New Industrial Policy in July, 1991

III. Govt. has not announced any industrial policy at all

Of the statements:

- a) I alone is correct      b) II alone is correct  
c) I and II are correct    d) All are correct

183. On whose vision was the term democratic socialism described?

- a) Mahatma Gandhi      b) Smt. Indira Gandhi  
c) Jawaharlal Nehru      d) Sardar Vallabhbhai Patel

184. Which one of the following is correctly matched?

- a) Industrial policy statement 2002  
b) Report on the committee on disinvestment of shares (Rangarajan Committee) – 1987  
c) Common Minimum Programme of United Front Government 1996  
d) Start of tenth Five Year Plan – 2005

185. For which purposes is the finance commission appointed?

- a) To make recommendation for devolution of non – plan revenue resources  
b) To earn foreign exchange  
c) To recommend measures for profit making public sector enterprises  
d) To impose taxes

186. Consider the following statements:

Assertion (A): Median of {7,2,12,5,9} is 7

Reason (R): The middle most value of a data is called median

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

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

List I

- a) Correlation coefficient  
 b) Coefficient of variation  
 c) For a symmetrical distribution  
 d) Mean deviation from Median

List II

1. Mean = Median = Mode  
 2. Least  
 3. Percentage variation  
 4. Cannot exceed unity

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

188. Which one of the following is correctly matched?

- a) Harmonic mean – A measure of skewness  
 b) Mean deviation – An average  
 c) Analysis – An arrangement of data  
 d) Sales and profit – Positive correlation

189. Which one of the following is correctly matched?

- a) Data – A collection of objects  
 b) Mode – A well defined measure  
 c) Range – Difference between the largest and the smallest items of a data  
 d) Q.D – A best measure of dispersion

190. The average of three numbers is 135. The largest number is 180 and the difference of the other two is 25. The smallest number is

- a) 130 b) 125 c) 120 d) 100

191. By frequency distribution we mean the classification of data according to

- a) Dissimilarities b) Similarities  
 c) Class intervals d) Magnitude

192. Value of M. D. of {5,5,5,5,5} from Median is

- a) 0 b) 2 c) 4 d) 5

193.  $y = 3 + 2x$ , then the coefficient of correlation between x and y is

- a) -1 b) 0 c) 0.5 d) 1

194. Which one of the following measures cannot be computed for {2,7,5,10,4}?

- a) Mean b) Median  
 c) Mode d) Harmonic Mean

195. Consider the following statements:

Assertion (A): Histogramm is a graphical presentation of data

Reason (R): Statistical data can be represented in the form of graphs

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