

Saidai Sa. Duraisamy's
MANIDHA NAEYAM FREE IAS ACADEMY

TNPSC GROUP I – 2010

C – SERIES

1. The Avogadro number is
a. 6.00×10^{24} **b. 6.023×10^{23}**
c. 6.054×10^{22} d. 6.504×10^{22}
2. Viscous force is directly proportional to
a. temperature gradient b. mass gradient
c. velocity gradient d. charge gradient
3. The South American country that suffered due to earthquake in 2010 was
a. Argentina **b. Chile** c. Brazil d. Libya
4. According to the Economic Survey of India (2007-08), the birth rate in Tamil Nadu state is
a. 16.2 b. 18.4 c. 15.3 d. 10.6
5. The structure observed by Robert Hooke in plant cells was
a. Protoplasm **b. Cell wall**
c. Nucleus d. Tracheids
6. How many pairs of cranial nerves are present in shark fishes?
a. 8 **b. 10** c. 12 d. 14
7. When the basis of classification is according to location or place, the classification is called _____ classification
a. Quantitative **b. Geographical**
c. Qualitative d. Chronological
8. The oxidation number of Fe in $K_3[Fe(CN)_6]$ is
a. +2 **b. +3** c. +1 d. +4
9. The ray which does not affect the photographic plate is
a. Alpha ray b. Beta ray
c. Gamma ray **d. none of these**
10. Who among the following said that Buddha's character and teaching made him "The Light not of Asia only but of the World?"
a. Sir Edwin Arnold b. Mrs. Rhys Davids
c. Dr. Radhakrishnan d. H.G. Wells

11. Cisternae, Thylakoid and Cristae are located at _____, _____ and _____ respectively
- Mitochondria, Ribosomes, Chloroplast
 - Golgi body, Chloroplast, Mitochondria**
 - Ribosomes, Chloroplast, Mitochondria
 - Chromosomes, Thylakoid, Mitochondria
12. Which of the following is Natural Rubber?
- Polyester
 - Polyamide
 - Polyisoprene**
 - Polysaccharide
13. Who is the only Indian and the First non-American head of the Academy of Astronautics (IAA)?
- Madhavan Nair**
 - Dhoni
 - Ravi Sastri
 - Kapil Sibal
14. Who coined the party name 'Indian National Congress'?
- Ranade
 - Dadabhai Naoroji**
 - W.C. Banerjee
 - Gopal Krishna Kokhale
15. Data verbalized on a continuum scale like excellent, good, fair and poor are known as
- Raw data
 - Ratio data
 - Interval data
 - Ordinal data**
16. The new agricultural technology can best be described as
- land augmenting
 - labour augmenting
 - labour displacing
 - both land and labour augmenting**
17. Three capacitors each of capacitance 9 pf is connected in series and is connected to 120 V supply. The potential difference across each capacitor is
- 20 V
 - 40 V**
 - 60 V
 - 90 V
18. A can do a piece of work in 80 days. He alone works at it for 20 days and then B alone finished the remaining work in 36 days. In how many days can A and B together complete the work?
- 25 days
 - 30 days**
 - 35 days
 - 40 days
19. The average of 25 results is 18. The average of first twelve of them is 14 and that of last twelve is 17. The thirteenth result is
- 87
 - 78**
 - 67
 - none of these
20. A girl started walking from her house. She first walked for 3 km towards east, then she turned towards north and moved 4 km in that direction. How far is the girl away from her house?
- 3 km south
 - 3 km north
 - 5 km west
 - 5 km north-east**

21. The end product of fermentation of molasses of sugarcane by yeast is
a. Pyruvate b. Phenol c. Lactic acid **d. Ethyl alcohol**
22. The year _____ was celebrated by the General Assembly of the UNO as International Year of Human Rights.
a. 1964 b. 1966 **c. 1968** d. None of these
23. Who won the latest Presidential elections in Sri Lanka?
a. Sirimavo Bandaranaike **b. Mahindra Rajapakse**
c. Kumaratunge d. Dissanayake
24. The tomb at Sessaran was built by
a. Humayun **b. Sher Shah** c. Akbar d. Babar
25. The famous leader of Narmada Bachao Andolan is
a. Sunil Agarwal b. Rajesh Khanna
c. Medha Patkar d. K.C. Cherman
26. 'Species Plantarum' was authored by
a. Hutchinson **b. Carolus Linnaeus**
c. Engler and Prantl d. Bentham and Hooker
27. The yellow colour of urine of the vertebrates is due to
a. **Urochrome** b. Melanin
c. Uric acid d. Cholesterol
28. The Eleventh Five-Year Plan was implemented during the period
a. 2005-2010 b. 2002-2007
c. 2007-2012 d. 2006-2011
29. Which one among the following South Asian countries has the highest population density?
a. India b. Pakistan c. Nepal d. Sri Lanka
30. Ashoka patronised
a. Jainism b. Saivism **c. Buddhism** d. Vaishnavism
31. Who among the following computed National Income on the basis of Scientific method?
a. Prof. Mahalanobis b. Dr. K.N. Raj
c. Dr. V.K.R.V.Rao d. Dr. Vakil
32. Consider the following statements:
Assertion (A): Surface temperatures of the oceans are controlled by warm and cold currents
Reason (R): Warm currents raise the temperature whereas cool currents lower down the temperature.

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

33. Ring or horse shoe shaped coral reefs are called

- a. **Atoll**
- b. Barrier reef
- c. Fringing reef
- d. none of these

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

List I	List II
A. Glucose	1. Biopolymer
B. Serodiagnosis	2. Reducing sugar
C. Electrophoresis	3. Separation technique
D. Nucleic acid	4. HIV test

Codes:

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

35. As per RTI the competent authority of Lok Sabha is the

- a. Chairman
- b. Prime Minister
- c. Chief Secretary
- d. **Speaker**

36. Who authored the book 'A Better India A Better World'?

- a. **N.R. Narayana Murthy**
- b. Indra Sinha
- c. Rajiv Sikri
- d. Jaswant Singh

37. A current of 8 A flows through 10 turn coil of a tangent galvanometer having a diameter of 16 cm. The field on the centre of the coil is

- a. 2.5 A-turn/m
- b. 25 A-turn/m
- c. 100 A-turn/m
- d. 250 A-turn/m

38. Which of the following is wrongly matched?

- a. Microsporangial serus - Anther
- b. Microspore - Pollen grain
- c. Megasporophyll - Ovule
- d. Microsporophyll - Stamen

39. Veeranam Project to bring water from Veeranam to Madras was started by Chief Minister

- a. **M. Karunanidhi**
- b. M.G. Ramachandran
- c. Jayalalitha
- d. O. Panneer Selvam

40. The Indian Post and Telegraph department issued postage stamp in honour of V.O.Chidambaram Pillai in the year
 a. 1971 **b. 1972** c. 1973 d. 1974
41. Nobel Laureate 2009 in Chemistry is awarded to Venkataraman Ramakrishnan for his work on
 a. Hypsochrome **b. Ribosome**
 c. Chromatogram d. Auxochrome
42. Fast Breeder Test Reactor is at
 a. Trombay b. Kaiga
 c. Kudankulam **d. Kalpakkam**
43. Who is the Chairman of 12th Finance Commission?
a. C. Rangarajan b. K.C. Pant
 c. Kelkar d. Madhavan Ravindra
44. Which of the following Amendment Acts inserted the word 'Secular' in the Preamble of the Constitution of India?
 a. 41st Amendment Act, 1976 **b. 42nd Amendment Act, 1976**
 c. 43rd Amendment Act, 1977 d. 44th Amendment Act, 1979
45. The Chairperson and other members of State Human Rights Commission are appointed by the
a. Governor b. Chief Minister
 c. Home Minister d. none of them
46. Tamil Calendar is based on the movement of
 a. Moon b. Saturn **c. Sun** d. Mars
47. Match List I with List II correctly and select your answer using the codes given below:
- | | | | | | | | |
|------------------------------|----------|----------|----------|-------------------------|--|--|--|
| List I | | | | List II | | | |
| A. Justice Party | | | | 1. Periyar E.V.R | | | |
| B. Dravida Kazhagam | | | | 2. Singaravelu Chettiar | | | |
| C. Dravida Munnetra Kazhagam | | | | 3. T.M. Nair | | | |
| D. Communist Party | | | | 4. C.N. Annadurai | | | |
| | A | B | C | D | | | |
| a. | 1 | 3 | 4 | 2 | | | |
| b. | 4 | 1 | 3 | 2 | | | |
| c. | 3 | 1 | 4 | 2 | | | |
| d. | 2 | 1 | 3 | 2 | | | |
48. Tamil Sangam was supposed to be held at
 a. Uraiyur b. Kanchi **c. Madurai** d. Vanji

58. The recipient of Dada Saheb Phalke Award during 2005 was
a. Dev Anand b. Mrinal Sen
c. Lata Mangeshkar **d. Shyam Benegal**
59. Which is the best selling book sold over 10 million copies written by Dr. Kenneth Blanchard, the Management Guru?
a. You Can Win b. Maximum Power
c. One Minute Manager d. 10 Minute MBA
60. The Rajiv Gandhi Udyami Mitra Yojana was launched in
a. 2006 b. 2007 **c. 2008** d. 2009
61. Heliocentric theory according to which sun is supposed to be fixed and the planets go around the sun was proposed by
a. Galileo b. Newton c. Ptolemy **d. Copernicus**
62. The growth rate of population in India as per 2001 census is
a. 3% b. 2.5% **c. 1.9%** d. 1.5%
63. Which one of the following is the correct sequence of given hills from the north to south?
a. Nallamalai, Nilgiris, Javadhi, Anaimalai
b. Anaimalai, Javadhi, Nilgiris, Nallamalai
c. **Nallamalai, Javadhi, Nilgiris, Anaimalai**
d. Anaimalai, Nilgris, Javadhi, Nallamalai
64. The Annamalai University at Annamalainagar was founded in
a. 1909 b. 1919 **c. 1929** d. 1949
65. The focal length of two lenses in contact is given by
a. $F = f_1 - f_2$ b. $F = f_1 f_2$
c. $F = f_1 + f_2$ d. $\frac{1}{F} = \frac{1}{f_1} + \frac{1}{f_2}$
66. Which one of the following statements is correct?
a. Parliament has power to amend any part of the Constituent of India
b. Parliament has no power to amend Fundamental Rights in the Constitution of India
c. Parliament cannot amend and Directive Principles of State Policy
d. Parliament cannot amend the Federal Principles embodied in the Constitution of India
67. Which of the following countries is not a member of ASEAN?
a. Vietnam b. Brunei **c. Bangladesh** d. Myanmar
68. Position effect is the result of
a. translations b. inversions **c. transcriptions** d. deletions

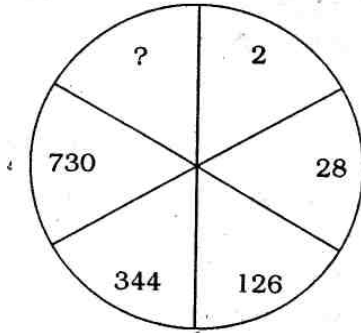
69. Triple vaccine is administered to a newborn child to immunize it against
- Whooping Cough, Tetanus and Measles
 - Whooping Cough, Tetanus and Diphtheria**
 - Tetanus, Diphtheria, Measles and Rubella
 - Tetanus, Diphtheria, Smallpox and Rubella
70. An example of addition co-polymer is
- Buna-S**
 - PVC
 - Neoprene
 - Glyptal
71. Natural gas is a mixture of aliphatic hydrocarbons. What is the main important gas available in that?
- Oxygen (O₂)
 - Nitrogen (N₂)
 - Methane (CH₄)**
 - Carbon dioxide (CO₂)
72. A moving coil galvanometer can be converted into an ammeter by connecting
- a low resistance in parallel with a galvanometer**
 - a high resistance in parallel with a galvanometer
 - a high resistance in series with a galvanometer
 - a low resistance in series with a galvanometer
73. Which one of the following is correctly matched?
- Right to Equality - Fundamental Duty
 - Right to Information - Transparent and Responsible Government**
 - To promote equal justice - Fundamental Right
 - To abide by the Constitution - Directive Principles of State Policy
74. Biodiesel is obtained from which plant?
- Mango
 - Bamboo
 - Jatropha**
 - Ficus
75. The Directive Principles of State Policy is incorporated in the Article _____ the Constitution of India
- 19-21
 - 14-16
 - 36-51**
 - 24-28
76. Rubella virus causes
- Smallpox
 - Measles**
 - Chickenpox
 - Influenza
77. The policy RBI follows for control of inflation is
- increase in Repo rate and CRR**
 - decrease in Repo rate and increase in CRR
 - decrease in Repo rate and CRR
 - decrease in bank rate
78. Which one of the following statements is correct?
- Finance Commission is constituted by the President every four years
 - Finance Commission has one Chairman and four other members**
 - K.C. Pant was the Chairman of 11th Finance Commission
 - Finance Commission Report is submitted to the Planning Commission

79. Dantidurga established which kingdom?
 a. Chalukyas of Badami b. Chalukyas of Kalyani
 c. Chalukyas of Vengi **d. Rashtrakuta Dynasty**
80. $\frac{1}{1.2} - \frac{1}{2.3} + \frac{1}{3.4} - \frac{1}{4.5} + \dots =$
 a. **$2 \log 2 - 1$** b. $- 2 \log 2 - 1$
 c. $2 \log 2 + 1$ d. $- 2 (\log 2 + 1)$
81. Study of the interrelations between the individual plant and its environment is called
 a. Synecology b. Ecosystem
c. Autecology d. Biodiversity
82. The ages of Ravi and Raja are in the ratio 5 : 12. After 6 years, the ratio of their ages will be 8 : 15. What is the difference between their ages?
a. 14 years b. 16 years c. 12 years d. 13 years
83. Construction of a dam for drinking water as Hogenekkal is main issue of contention between
 a. Tamil Nadu and Kerala **b. Tamil Nadu and Karnataka**
 c. Tamil Nadu and Andhra Pradesh d. Karnataka and Kerala
84. Leprosy is caused by
a. Mycobacterium leprae b. Mycobacterium tuberculosis
 c. Corynebacterium diphtheria d. Varicella zoster
85. Who was the first woman Chief Minister of Tamil Nadu?
 a. **Janaki Ramachandran** b. Jayalalitha
 c. Mamata Banerjee d. Mayawati
86. Choose the statement(s) connected with Marudhu Brothers.
 Marudhu Brothers:
 I. Rule Sivaganga area
 II. Siruvayal & Kalayarkovil were their strongholds
 III. Took refuge in Panchalam Kurichi
 IV. They were executed by the British in 1801
 Of these statements
 a. I alone is correct b. II alone is correct
c. I, II and IV are correct d. I, III and IV are correct
87. The National Rural Employment Programme was implemented in Tamil Nadu in the year
a. 1980 b. 1990 c. 1970 d. 1960
88. The famous Ethnobotanist in India is
 a. V.M. Meher-Homji b. R.P.S. Katwal c. S.K. Jain **d. S.S. Bhojwani**

100. Where in India is the Asia's largest optical telescope installed?
 a. Darjeeling – West Bengal b. Kodaikanal – Tamil Nadu
 c. Mahabaleshwar – Maharashtra d. **Kavalur – Tamil Nadu**
101. The Shape of the graph drawn between $\ln \rho_i$ versus $\frac{1}{T}$ for an intrinsic semiconductor is (ρ_i -resistivity, T – temperature)
 a. **Straight line** b. Circle c. Parabola d. Ellipse
102. 'One gene and one enzyme' hypothesis was put forth by _____ in _____
 a. Beadle and Tatum, E.coli **b. Beadle and Tatum, Neurospora**
 c. Jacob and Monad, Neurospora d. Jacob and Monad, E.coli
103. The hormone which brings about characteristic changes in male at puberty is called
 a. Androgen b. FSH c. Adrenaline **d. Testosterone**
104. Which of the following is correctly matched?
 a. TNT - Fertilizer
b. Gasoline - **Petrochemical**
 c. Potassium sulphate - Explosive
 d. Cement - Molecular Crystal
105. Consider the following statements:
 Assertion (A) : Article 32 deals with the right to Constitutional Remedies, without which the Constitution would be a nullity
 Reason (R) : Article 32 provides the right to move the Supreme Court by appropriate proceeding for the enforcement of Fundamental Rights guaranteed in the Constitution
- Now select your answer according to the coding scheme given below:
 a. (A) is true, but (R) is false
 b. (A) alone is true
 c. (R) alone is true
d. Both (A) and (R) are true and (R) is the correct explanation of (A)
106. In Tamil Nadu the Legislative Assembly was established in the year
 a. 1935 **b. 1937** c. 1947 d. 1952
107. Tamil Nadu is noted for the industrial cluster of
a. textiles b. chemicals c. jewellery and gems d. glass
108. Apex Court judgement delivered with regard to Open University degree, that bench comprised
a. Justice S.B. Sinha and Justice Mukundaram Sharma
 b. Justice Mohan and Justice K.G. Balakrishnan
 c. Justice S.H. Kapadia and Justice Altamar Kabir
 d. None of them

109. Satyartha Prakash was written by
a. Raja Rammohan Roy b. Debendranath Tagore
c. Keshab Chandra Sen d. **Dayanand Saraswati**

110. Find the missing number?



- a. 1000 **b. 1001** c. 999 d. 1002
111. Consider the following statements:
I. Akbar promulgated Din - i - Ilahi
II. Din - i - Ilahi means Divine Duty
III. Prominent convert to Din - i - Ilahi was Raja Birbal
IV. Din - i - Ilahi discouraged Muslim rites
Of the statements:
a. I alone is correct b. I and II are correct
c. I, III and IV are correct d. All are correct
112. The area of a rectangle is 16 sq. metres and its length is 4 times that of breadth.
What is the perimeter of the rectangle?
a. **20 m** b. 18 m c. 16 m d. 14 m
113. Which one of the following is true?
a. Devaradiyars were the group of girls who used to dance before the during the festivals in the temple
b. Devaradiyars were the attendants in a Sabha
c. Devaradiyars were the chief singers in a village
d. Devaradiyars were the painters
114. In the forest X can cut $\frac{3}{10}$ th of the trees in 50 days. Y can cut 40% of the tree in 40 days and Z can cut $\frac{1}{2}$ of the trees in 80 days. Who will complete the work first?
a. X **b. Y** c. Z d. X and Z
115. The share of road transport in total transport of the country is
a. 20% b. 40% c. 60% **d. 80%**

127. India's population as on 1st March, 2001 stood at
 a. **1, 027 million** b. 1,007 million c. 1,017 million d. 1,037 million
128. Number of towns in Tamil Nadu is
 a. **832** b. 900 c. 750 d. 500
129. The language which was used in the Ashokan inscription is
 a. Hindi b. Sanskrit **c. Prakrit** d. Telugu
130. The average based on the position of ordered observation is
 a. \bar{x} **b. Median** c. Mode d. Standard Deviation
131. The present Chief Minister of Tamil Nadu Thiru. M. Karunanidhi after 2006 Assembly election became the Chief Minister for _____ time.
 a. Sixth **b. Fifth** c. Seventh d. Fourth
132. Consider the following statements:
 I. C. Rajagopalachari was the Chief Minister of Madras State
 II. C. Rajagopalachari was an Advocate
 III. C. Rajagopalachari belonged to Justice Party
 IV. C. Rajagopalachari was the only Indian who became Governor General of India
- Of these statements:
 a. I alone is correct b. I and II are correct
c. I, II and IV are correct d. All are correct
133. The Tamil Nadu Government seal depicts
 a. Srirangam Temple Pagoda b. Tanjore Big Temple Pagoda
c. Srivilliputhur Temple Pagoda d. Chidambaram Temple Pagoda
134. 'Mullai' region is characterised by
 a. **Forest area** b. Hilly tract c. Cultivable land d. Coastal land
135. A Jain cave temple at Chittanavassal is in _____ district
 a. Tirunelveli b. Thanjavur c. Madurai **d. Pudukkottai**
136. The Chairman of the Committee on Centre - State Relations, appointed by the Government of Tamil Nadu was
 a. Mandal **b. Raj Mannar** c. Sarkaria d. Shah
137. Consider the following statement:
 Assertion (A) : The Civil Service is not accountable to the Parliament
 Reason (R) : It is governed by the norm of anonymity
 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.

138. If $A = \begin{pmatrix} 1 & i \\ -i & 1 \end{pmatrix}$ and $B = \begin{pmatrix} i & -1 \\ -1 & -i \end{pmatrix}$, then AB is

a. $\begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix}$

b. $\begin{bmatrix} i & 0 \\ 0 & i \end{bmatrix}$

c. $\begin{bmatrix} 0 & 0 \\ 0 & 0 \end{bmatrix}$

d. $\begin{bmatrix} -i & 0 \\ 0 & 1 \end{bmatrix}$

139. It is given that $2^{32} + 1$ is completely divisible by a whole number. Which of the following numbers is completely divisible by that number?

a. 2^{16+1}

b. 2^{16-1}

c. 7×23^3

d. 2^{96+1}

140. Abhinav Bindra, a gold medal winner in 2008 Beijing Olympics is associated with

a. Football

b. Hockey

c. Cricket

d. Shooting

141. The sides of a triangle are in the ratio of $\frac{1}{2} : \frac{1}{3} : \frac{1}{4}$. If the perimeter is 52 cm then the length of the smallest side is

a. 9 cm

b. 10 cm

c. 11 cm

d. 12 cm

142. Musical instruments of Sangam age are classified into

I. Torkkaruvi

II. Tulaikkaruvi

III. Narambukkaruvi

IV. Kanchchakkaruvi

Of these:

a. I and III are true

b. I, III and IV are true

c. all are true

d. all are false

143. Highest peak in Tamil Nadu is

a. Anaimudi

b. Dodabetta

c. Shevaroy Hills

d. Kodaikanal

144. Pepsin is secreted by

a. Salivary glands

b. Stomach

c. Duodenum

d. Small intestine

145. Which one of the following fertilizers contains maximum percentage of nitrogen

a. NPK

b. Urea

c. Ammonium nitrate

d. Ammonium phosphate

146. When a ray of light is passed through _____ crystal, double refraction occurs.

a. Calcite

b. Sodium chloride

c. Diamond

d. Zinc sulphide

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

List I

List II

a. Karnataka

1. Bababudan Hills

b. Orissa

2. Mayurbhanj

c. Chhattisgarh

3. Bailadila

d. Jharkhand

4. Bonai Range

Codes:

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

148. The socialist pattern of society was first articulated in the
a. First Five - Year Plan b. Annual Plans
c. Second Plan d. Eighth Plan
149. Sir Muhammad Iqbal
a. was Poet and floated the idea of separate state for Muslim
b. belonged to Madras Presidency
c. established Muslim League party
d. organized Aligarh Movement
150. Western Ocean is the ancient name of the
a. Atlantic Ocean b. Pacific Ocean c. Indian Ocean d. Arctic Ocean
151. Which of the following forms the richest ground water province in India?
a. Gondwana Sedimentary province b. Deccan Trap province
c. Ganga - Brahmaputra Alluvial province d. Cenozoic Sedimentary province
152. In which Olympic Games did India last win a Gold Medal in the field hockey?
a. Montreal (1976) **b. Moscow (1980)**
c. Los Angeles (1984) d. Atlanta (1996)
153. In India iron - ore deposits are found in
a. Bailadila b. Tumkur c. Dharwar d. Banswara
154. Which Article of the Constitution of India talks about liberty, equality and fraternity?
a. Article 2 b. Article 235 c. Article 243 **d. Article 38**
155. Unicellular plants and animals showing Eukaryotic cell structure are included under the kingdom
a. Monera b. Fungi c. Plantae **d. Protista**
156. Acrosome is made up of
a. Mitochondria b. Centrioles **c. Golgi bodies** d. Ribosomes
157. In which state is canal irrigation highly used?
a. Gujarat b. Orissa **c. Uttar Pradesh** d. Haryana
158. The Atomic station which has the highest capacity (MW) is
a. Kaiga, Karnataka b. Kota, Rajasthan
c. Kudankulam, Tamil Nadu **d. Tarapur, Maharashtra**

159. As per RBI stipulation domestic banks are required to provide _____ per of their net bank credit to priority sector.
a. 32 **b. 40** c. 10 d. 25
160. The Madras Native Association was started in
a. 1852 b. 1884 c. 1885 d. 1887
161. Consider the following statements:
Assertion (A) : Increased spending on Civil administration and defer expenditure in India's national income is an unwelcome feature
Reason (R) : The contribution of these sectors does not generate dura income yielding assets to the country.
Now select your answer according to the coding scheme given below:
a. Both (A) and (R) are true, but (R) is not the correct explanation of (A)
b. Both (A) and (R) are true and (R) is the correct explanation of (A)
c. (A) and (R) are false
d. (A) is true, but (R) is false
162. Three men start walking at the same point, same time and in the same direction around a circular stadium. First man completes a round in 120 seconds, second man in 150 seconds and third man in 80 seconds. After what time will they meet again at the starting point?
a. 20 minutes b. 2 min. 20 sec c. 2 min. 30 sec d. 1 min. 40 sec
163. World Tamil Classical Conference is scheduled to be held at
a. Chennai b. Thiruchchirappalli c. Vellore **d. Coimbatore**
164. Which district in Tamil Nadu is with large forest?
a. Madurai b. Kanniyakumari c. Salem **d. Nilgiris**
165. Consider the following statements:
Assertion (A) : Public participated in the political life during early Vedic period.
Reason (R) : Sabha and Samiti discussed matters of public importance
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) is false
c. (A) is true, but (R) is false
d. (A) is false, but (R) is true.
166. Which Article accords special status to Jammu and Kashmir?
a. Article 350 b. Article 356 **c. Article 370** d. Article 352
167. Consider the following statements:
Assertion (A) : Tsunamis are produced by sudden movements of earth's crust or earthquake
Reason (R) : These seismic sea waves are often incorrectly called tidal waves.

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

168. _____ won Padma Bhushan Award for Art (Tamil Nadu) in 2009,
- a. Chitra Visweswaran
 - b. A.R. Rehman
 - c. Y.G. Parthasarathy
 - d. Shri. V.P. Dhananjayan & Smt. Shanta Dhananjayan**

169. Badruddin Tyabji was associated with
- a. President of the First Session of the Congress Party held at Bombay in 1885
 - b. President of the Second Session of the Congress Party held at Calcutta in 1886
 - c. President of the Third Session of the Congress Party held at Madras in 1887**
 - d. none of these

170. Which one of the following is correctly matched?

Categories	% of area (India)
I. Mountains	- 10.6
II. Plateau	- 27.7
III. Plains	- 43.2
IV. Hills	- 18.5

Of these

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

171. Which of the following is correctly matched?

- a. Nepenthes - Stoneworts
- b. Drosera - Hornworts
- c. Utricularia - Pitcher plant
- d. Dionea - Venus fly trap**

172. The Constitutional recognition to urban local government became a reality through

- a. 73rd Amendment, 11th Schedule, 1992
- b. 74th Amendment, 12th Schedule, 1992**
- c. 73rd Amendment, 11th Scheduled, 1993
- d. 74th Amendment, 12th Schedule, 1993

173. Who was chiefly responsible for the partition of Bengal?

- a. Wellesley
- b. Ripon
- c. Curzon**
- d. Chelmsford

174. Consider the following
Statements : Some cars are bikes
No bike is train
Conclusion: I. No car is train
II. No bike is car

III. Some cars are trains

IV. Some bikes are cars

- a. I and III are correct **b. IV alone is correct**
c. all are correct d. I, II and IV are correct

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

List I

Books

- a. Manimekalai
b. Pattinappalai
c. Jeevaka Chinthamani
d. Muvarula

List II

Authors

1. Uruthiran Kannanar
2. Jayam Kondar
3. Sittalai Sattanar
4. Tirutaka Devar

Codes

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

176. Economic drain theory was popularized by

- a. the Britishers in India **b. Dadabhai Naoroji**
c. Vera Anstey d. V.V. Bhatt

177. Madras Province was renamed as Tamil Nadu in the year

- a. 1966 **b. 1969** c. 1967 d. 1968

178. Black soils are mostly found in which regions?

- a. Coimbatore, Erode, Madurai, Tirunelveli**
b. Salem, Dharmapuri, Nilgiri
c. Pudukkottai, Tiruchchirapalli and Kaveri delta
d. Kaveri delta, Palar Watershed and Pondicherry

179. Ants identify their food through

- a. chemical communication b. audio communication
c. visual communication **d. olfacto communication**

180. The total number of corporations in the last local body elections in Tamil Nadu is

- a. 4 b. 5 **c. 6** d. 7

181. Nadir Shah was a/an

- a. Afghan king b. Moghul ruler
c. Persian king d. Delhi Sultan

182. The area of a circle is 220 sq.cm. The area of the biggest square inscribed in this circle will be

- a. 49 cm² B. 70 cm² **c. 140 cm²** d. 150 cm²

183. Tiruvidaiyattam means
 a. a land owned by Math **b. a land owned by Temple**
 c. a land owned by Warrior d. a land owned by Brahman
184. Which Act separated Burma from India?
a. Indian Act of 1935 b. Independence Act of 1947
 c. Minto – Morley Reform Act d. Montague – Chelmsford Act
185. Consider the following statements
 Assertion (A): The Marathas were defeated in the Third Battle of Panipat in 1761
 Reason (R): It checked the growth of Maratha power, but did not destroy them
 Now select your answer according to the coding scheme given below:
a. Both (A) and (R) are true, but (R) is not the correct explanation
b. Both (A) and (R) are true and (R) is the correct explanation
 c. (A) is true, but (R) is false
 d. (A) is false, but (R) is true
186. The Theosophical Society at Adyar dealt with
 I. Social issues II. Communal issues
 III. Political issues III. Religious issues
 Of these:
 a. I alone is correct b. I and II are correct
 c. I, II and III are correct d. all are correct
187. FIFA 2010 World Cup Football will be held at
 a. France **b. South Africa** c. Canada d. Germany
188. The place where Winter Olympics was held during February, 2010 is
a. Canada b. U.S.A c. India d. England
189. Annie Besant became the President of the Indian National Congress in the year
 a. 1915 b. 1916 **c. 1917** d. 1918
190. Match List I with List II correctly and select your answer using the codes given below:
- | | List I | List II | |
|-----------|-------------------|---------------|----------|
| | A. Neozoic era | 1. Primary | |
| | B. Cenozoic era | 2. Secondary | |
| | C. Mesozoic era | 3. Quaternary | |
| | D. Palaeozoic era | 4. Tertiary | |
| | A | B | C |
| a. | 3 | 4 | 2 |
| b. | 4 | 3 | 1 |
| c. | 2 | 1 | 4 |
| d. | 1 | 2 | 4 |

