

TNPSC – GROUP II

GENERAL STUDIES – 2012 - ENGLISH

101. Arrange in chronological order:

1. Automan turks captured constantinoble.
2. Farthalomia-Diaz reached Southern tip of Africa.
3. Vijayanagar Empire were defeated at Talaikotai war.
4. Vaskoda-Gama reached Calicut at first time through sea route.

- (A) 1, 2, 3, 4 **(B) 1, 2, 4, 3**
 (C) 1, 4, 3, 2 (D) 2, 1, 3, 4

Codes:

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

102. Which of the following is correctly matched?

- | | |
|-------------------------|--------------------------------|
| (a) Abul Fazal | 1. Shah Jahan Nama |
| (b) Inayat Khan | 2. Translation of Mahabharatha |
| (c) Abdul Hamid Lahorie | 3. Padshanama |
| (d) Abdul Falzi | 4. Akbarnama |
- (A) a (B) b
(C) c (D) d

103. Arrange the President of India in sequential order:

1. Dr. Radha Krishnan
2. Dr. Jakhir Hussain
3. Dr. Rajendra Prasad
4. V.V.Giri

- (A) 1, 2, 3, 4 (B) 3, 4, 1, 2
(C) 3, 1, 2, 4 (D) 3, 2, 1, 4

104. Match the following:

- | | |
|--------------------|-------------------------------|
| (a) Dr. Ambedkar | 1. Bahishkrit Hitkarini Sabha |
| (b) Jyotirao Phule | 2. Self Respect movement |
| (c) Narayana Guru | 3. Narayana paripalana Yogam |
| (d) E.V.R. Periyar | 4. Satya Sadhak Samaj |

105. Arrange in sequential order:

The caste system is generally read in post-vedhic period as:

- | | |
|-------------|--------------|
| 1. Vysyas | 2. Brahmanas |
| 3. Satriyas | 4. Sudras |
- (A) 4, 1, 2, 3 (B) 2, 1, 4, 3
(C) 2, 3, 1, 4 (D) 3, 2, 1, 4

106. Which one of the following is correctly matched?

- | | |
|---------------------------------------|--|
| (A) Right to vote | - Age 16 |
| (B) Direct Election | - Members are elected by the representatives of the people |
| (C) Indirect Election | - People elect their representatives directly |
| (D) Contesting in The election | - Completed age of 25 |

107. Arrange in chronological order:

1. Col. Me Kerras of the 23rd Regiment was shutdown on the parade ground.
2. July 10, 1806, 1st and 23rd Regiments started the revolt.
3. Major Armstrong was the next officer killed during the mutiny.
4. Col.Fan Court who commanded the garrison was their first victim.

- (A) 1, 3, 2, 4 (B) 3, 2, 4, 1
(C) 2, 4, 1, 3 (D) 4, 1, 3, 2

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- 108.** In 1893 he started using the Traditional religious Ganapathi festival and Shivaji festival to propagate and stimulate nationalism. Who among the following revived the nationalism?
- (A) Gopalakrishna Gokhale
(B) Balagangadhar Tilak
 (C) Lalalajpat Rai
 (D) Dadabhai Naoroji

- 109.** Match List I with List II and select the correct answer using the code given below the list.

List I	List II
(a) Appalachian	1. Volcanic Mountain
(b) Kilimanjaro	2. Plateau
(c) Mississippi	3. Fold Mountain
(d) Bolivia	4. Flood Plain.

Codes:

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

- 110.** Choose the correct answer:

The Earth inner layer which is in Molten stage.

- (A) The Crust (B) The Mantle
 (C) The Inner core **(D) The Outer core**

- 111.** Match the following:

Country	Satellites
(a) U.S.A.	1. Spot
(b) France	2. Yaogan
(c) Korea	3. Landsat
(d) China	4. Kitsat

Codes:

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

- 112.** The activity that obtains its resources directly from the nature
- (A) Primary Industries**
 (B) Secondary Industries
 (C) Tertiary Industries
 (D) Quaternary Industries

- 113.** Consider the following statements:

Assertion (A): Artesian springs are found in Australia, in the provinces of Queensland, New South Wales and Victoria.

Reason (R): Water bearing porous rocks are abundant in these regions.

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, and (R) is not the correct explanation of (A)
 (C) (A) is true but (R) is false
 (D) (R) is false but (R) is true

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

List - I	List - II
(a) Mid Atlantic	1. Volcano
(b) Tibet	2. Deep trench
(c) Mariana	3. Range
(d) St. Helana	4. Plateau

Codes:

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

- 115.** WTO is related with

- (A) Medical **(B) Trade**
 (C) Banking (D) Education

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116. Match the following given in column A with column B and select the correct answer from the codes given below:

Column A	Column B
(a) Lionel Robbins	1. Wealth definition
(b) Adam Smith	2. Welfare definition
(c) Marshall	3. Growth definition
(d) Samuelson	4. Scarcity definition

Codes:

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

Reason (R) : Mutual Fund Works as the principle of “Small drops” of water make a big Ocean”.

Select your answer according to the coding scheme given below:

- (A) Both (A) and (R) are correct**
 (B) Both (A) and (R) are false
 (C) (A) is false but (R) is true
 (D) (A) is true but (R) is false

117. Rangarajan Committee was constituted for
 (A) Improvement in Public Distribution System
 (B) Reducing inequality in Income and Wealth
 (C) Removal of rural unemployment
(D) Disinvestment of public sector enterprises.

121. Which one of the following is used in the preparation of seat belts and sails?
 (A) Teflon (B) Buna-S
(C) Dacron (D) PVC

122. Match the following:

(a) Current strength	1. Ohm
(b) Resistance	2. Volt
(c) Potential difference	3. Coulomb
(d) Quantity of electric current	4. Ampere

Codes:

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

118. Gender inequality index is not related with
 (A) Reproductive health
 (B) Empowerment
 (C) Education
(D) Access of Finance

123. Assertion (A): In TAN-A position the arms of deflection magnetometer are placed along East-West direction.

Reason (R): The magnetic field along the axial line of a bar magnet is perpendicular to the horizontal component of earth’s magnetic field.

Now select your answer according to the coding scheme given below:

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

119. Select the correct Match:

(A) RBI	1. Banker’s Bank
(B) Monopoly of note issues	2. SBI
(C) Public Sector Bank	3. ICICI
(D) Non Scheduled Bank	4. IOB

120. Consider the following statements:
 Assertion (A) : Mutual Fund collects savings from small investors and invest then into corporate bodies.

124. Choose correct answer:

Blood pressure in human is greater at feet than at the brain because

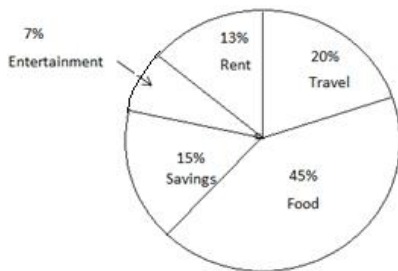
(A) The distance between feet and the heart is large than between heart and brain

(B) The distance between feet and the heart is small compared to brain

(C) The distance between brain and heart is large than feet

(D) It doesn't depend upon the distance/height

125. A man earns Rs. 28,000 as monthly salary. His expenditure and savings are given in the diagram. The percentage of savings compared to food



(A) 33. 1%

(B) 33. 7%

(C) 33. 2%

(D) 33. 3%

126. The Minimum no. of square size tiles to fill the floor of a room measuring $9\text{m} \times 6\frac{2}{5}\text{m}$, is

(A) 1240

(B) 1400

(C) 1440

(D) 1660

127. Ogive can be used to obtain

(A) percentiles

(B) mean deviation

(C) skewness

(D) correlation

128. Of the three numbers, the second is half of the first and the third is three times the first. If the average of the three number is 27. The smallest number is

(A) 10 **(B) 9** (C) 8 (D) 18

129. The three quartiles of a frequency distribution of marks obtained by male students are 20, 40 and 50. The coefficient of quartile deviation is

(A) $\frac{1}{3}$

(B) $\frac{1}{9}$

(C) $\frac{3}{7}$

(D) 15

130. Following kings arrange in chronological order

1. Sivashkanda Varman

2. I Narasimhavarman

3. Vijiyalaya Cholan

4. I parandagan

(A) 2, 1, 4, 3

(B) 1, 2, 4, 3

(C) 2, 3, 4, 1

(D) 1, 4, 3, 2

131. During respiration, energy is released. It is stored in the form of _____

(A) ADP

(B) ATP

(C) NADP

(D) APP

132. The strength of trees are due to the presence of _____ tissues.

(A) xylem, phloem

(B) xylem, sclerenchyma

(C) parenchyma, sclerenchyma

(D) phloem, parenchyma

133. Show the genotypes of parents that produce offspring in the ratio of 3-tall animals to 3-dwarf animals.

(A) Tt and tt in 3 : 3 ratio

(B) TT and Tt in 3 : 3 ratio

(C) Tt and Tt in 3 : 3 ratio

(D) tt and tt in 3 : 3 ratio

134. Identify the correct statements among the following:

1. The growth of an organism is done by Mitosis.

2. In sexual reproduction of an organism both Mitosis and Meiosis are seen.

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3. In sexual reproduction of an organism Meiosis is observed
4. In animals asexual reproduction is seen.
- (A) 1 and 2 (B) 3 and 4
- (C) 2 and 3 (D) 1 and 4
138. Nepal witnessed and extraordinary popular movement in April 2006 which aimed at restoring
- (A) Monarchy (B) Democracy
- (C) Maoism (D) None of the above

135. Which one of the following is correctly matched?

- (A) King of Portuguese - George – V
- (B) Navigator of Protugal - Columbus
- (C) Governor of Portugal - Robert Clive
- (D) Headquarters of Portugese - Goa

136. Consider the following statements:

- Power sharing is very spirit of democracy.
- It helps to reduce the possibility of conflict between social groups.
- It is a good way to ensure the stability of political order.

Now select your answer according to the coding scheme given below:

- (A) 1 alone is correct
- (B) 1 and 2 are correct
- (C) 1, 2 and 3 are correct
- (D) 1, 2 and 3 are wrong

137. Match List I with List II and select the correct answer using the codes given below the lists.

- | | |
|---------------------------|------------------------|
| List – I | List – II |
| (a) Union of India | 1. Prime Minister |
| (b) State | 2. Panchayat President |
| (c) Municipal Corporation | 3. Governor |
| (d) Gram Panchayat | 4. Mayor |

Codes:

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

139. Match the following:

- | | |
|--------------------|------------------------|
| Place | Famous for |
| (a) Chithannavasal | 1. Wildlife Sanctuary |
| (b) Papanasam | 2. Historical movement |
| (c) Yelagiri | 3. Waterfalls |
| (d) Mundanthurai | 4. Hill resort |
- Codes:

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

140. Of the following scientist, the first one to explain the concept – Why the planets are moving around the sun?

- (A) Galileo Galieli (B) J. Kepler
- (C) Ptolemy (D) Sir Issac Newton

141. Pick out the correct answer.

Mars is red because

- (A) soil contains iron oxide
- (B) soil does not contain iron
- (C) its very hot
- (D) it contains clay

142. Uber cup is associated with

- (A) Base ball (B) Foot ball
- (C) Badminton (D) Cricket

143. Who was the popular Nathaswara Vidwan among the following?

- (A) Papanasa Sivan
- (B) Kunnakudi Vaidyanathan
- (C) Thiruvadudurai RajaRathinam Pillai
- (D) Kathri Gopalnath

- 144.** The pardoning power of the President vested by the constitution is
 (A) Legislative power **(B) Executive power**
 (C) Judicial power (D) Emergency power
- 145.** Match it and choose the correct pair.
- | | |
|-----------------|--------------------------------|
| (a) Haranya Tax | 1. $\frac{1}{5}$ of the prices |
| (b) Bali Tax | 2. Sale of flowers |
| (c) Kara Tax | 3. Religious tax |
| (d) Trade Tax | 4. Irrigation tax |
- Codes:
- | | | | |
|--------------|----------|----------|----------|
| (a) | (b) | (c) | (d) |
| (A) 4 | 3 | 2 | 1 |
| (B) 3 | 1 | 4 | 2 |
| (C) 1 | 3 | 2 | 4 |
| (D) 2 | 4 | 3 | 1 |
- 146.** Match the following:
- | | |
|---------------------------|-------------------|
| (a) Portuguese Settlement | 1. Goa |
| (b) Dutch Settlement | 2. Tranquebar |
| (c) Danes Settlement | 3. Pulicat |
| (d) French Factory | 4. Masulipattinam |
- Codes:
- | | | | |
|--------------|----------|----------|----------|
| (a) | (b) | (c) | (d) |
| (B) 1 | 3 | 2 | 4 |
| (C) 3 | 2 | 4 | 1 |
| (D) 4 | 1 | 3 | 2 |
- 147.** Origin of Karnatic music is during the period of
 (A) Chera Period **(B) Chola Period**
 (C) Pandiya Period (D) Kalabra Period
- 148.** Assertion (A) : Harappans exported raw cotton to Mesopotomia.
 Reason (R) : Harappans were the first to grow cotton
- (A) (A) and (R) are true
 (B) (A) true (R) false
(C) (A) false (R) true
 (D) (A) and (R) are false
- 149.** Consider the following statements: Which of the following is/are correct?
- Lord Canning's General Service Enlistment Act ordering all recruits of the Bengal army to be ready for service in India only.
 - Lord Canning's General Services Enlistment Act ordering all recruits of the Bengal army to be ready for service both in India and outside India and even overseas.
- Codes:
 (A) 1 only (B) 2 only
(C) Both 1 and 2 (D) Neither 1 nor 2
- 150.** Consider the following statement:
- The Chief cause of the Khilafat movement was the defeat of Turkey in 1st World War.
 - The Muslims in India were upset over the British attitude against Turkey.
- Which statement is/are correct?
 (A) 1 only (B) 2 only
(C) 1 and 2 (D) Neither 1 nor 2
- 151.** Which one of the following is incorrectly matched?
- | | |
|---------------------|---------------------------------------|
| 1. Saratha Act | - Minimum age for Girl Child Marriage |
| 2. Widow Remarriage | - Eswara Chandra Vidyasagar |
| 3. Gandhi | - Harijan-Newspaper |
| 4. Dr. Ambedkar | - Aathmiya Sabha |
- (A) 1 (B) 2
 (C) 3 **(D) 4**
- 152.** Match the following:
- | | |
|----------------------------|-----------------------------|
| (a) Surendranath Banerjee | 1. Grand old man of India |
| (b) G. Subramanya Aiyer | 2. Indian Burke |
| (c) Dadabhai Naoroji | 3. Political Guru of Gandhi |
| (d) Gopala Krishna Gokhale | 4. Madras Mahajana Sabha |

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Codes:

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

153. Consider the following statements:

Assertion (A) : In Vellore the native Sepoys rose in revolt in 1806.

Reason (R) : They wanted India free from the rule of East India Company.

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

154. Which one of the following is correctly matched?

- (A) Atmiya Sabha - Swami Dayananda Saraswathi
 (B) First Bengali Weekly - Satyarthha Prakash
 (C) Young Bengal Movement - Vidya Sagar

(D) Prarthana Samaj pandurang - Atmaram

155. I am not going to be satisfied with anything short of complete freedom we shall do or die we shall either free India or die in the attempt. Who among the following gave the speech?

- (A) Subash Chandra Bose
(B) Gandhiji
 (C) Jawaharlal Nehru
 (D) Sardar vallabhai patel

156. Consider the statement, which of the following statement is not correctly matched.

- (A) The revolt of 1857 led to the division between the Hindus and Muslims.**
 (B) Indian administration transferred from East India Company to the Crown by Queen's Proclamation.
 (C) Lord Canning was the Governor General of India.
 (D) Queen's proclamation was called the magna Carta of the Indian People.

157. Consider the following statements:

Assertion (A) : Asoka was converted to Buddhism immediately after Kalinga War in 260 B.C.

Reason (R) : Bhabra inscription clearly states that Asoka was converted to Buddhism two and half years after the Kalinga War.

- (A) Both (A) and (R) are false
(B) (A) is false and (R) is true
 (C) (A) is true and (R) is false
 (D) Both (A) and (R) are true

158. Choose the correct answer:

The gas comes from power plants that use Coal as their fuel.

- (A) Sulphur-di-oxide** (B) Nitrogen oxide
 (C) Carbon monoxide (D) Carbon-di-oxide

159. Choose the correct statements about coral reefs:

- The World's largest coral structure is situated in the Pacific Ocean.
- It is off the coast of Australia.
- It is Fringing reef.
- They get exposed as the water in the lagoon goes down.

- (A) 1 and 3 are correct
(B) 1 and 2 are correct
 (C) 3 alone correct
 (D) All are correct

- 160.** In Tamil Nadu which one of the following river basins has petroleum reserves
- (A) Vaigai Basin
(B) Cauvery Basin
 (C) Periyar Basin
 (D) Tamiraparani Basin
- 161.** Match List I with List II correctly and select your answer by using the codes given below:
- | List I | List II | | | |
|----------------|---------------|--|--|--|
| (a) Indonesia | 1. Tangshan | | | |
| (b) New Mexico | 2. Pontic | | | |
| (c) Turkey | 3. Krakatau | | | |
| (d) China | 4. Rio Grande | | | |
- Codes:
- | | (a) | (b) | (c) | (d) |
|------------|----------|----------|----------|----------|
| (A) | 2 | 4 | 1 | 3 |
| (B) | 3 | 4 | 2 | 1 |
| (C) | 2 | 3 | 1 | 4 |
| (D) | 4 | 2 | 3 | 1 |
- 162.** Consider the following statements:
- Assertion (A) : “Inflation is unjust and deflation is inexpedient”.
- Reason (R) : Inflation affects the common man and deflation results in unemployment.
- Now select your answer according to the coding schemes given below:
- (A) Both (A) and (R) are true, and (R) is the correct explanation of (A)**
 (B) Both (A) and (R) are true, and (R) is not the correct explanation of (A)
 (C) (A) is true but (R) is false
 (D) (A) is false but (R) is true
- 163.** Which of the following sets of states gives more than ‘Minimum wage rate’ fixed by the Central Govt.?
- (A) Kerala, Karnataka, Tamil Nadu
 (B) Bihar, Orissa, Gujarat
 (C) Maharashtra, Assam, Chatisgarh
(D) Punjab, Haryana, Madhya Pradesh
- 164.** Consider – Following:
1. Concentration of the power is checked by public sector
 2. For the welfare of public essential units should be under Govt. control
 3. Service is main motto of Public Sector
 4. Public Sector units almost have competitors
- Select which is not correct:
- (A) 1, 2 false **(B) 4 alone is false**
 (C) 3, 4 false (D) 1, 3 false
- 165.** Consider following:
- Assertion (A) : Interdebtedness among Banks are settled through RBI.
- Reason (R) : RBI, acts as Central Clearing House.
- Select your answer according to the coding scheme:
- (A) Both (A) and (R) are true, and (R) is not the reason for (A)
 (B) (A) is true and (R) is not reason for (A)
(C) Both (A), and (R) is true and (R) is reason for (A)
 (D) Both (A) and (R) are false
- 166.** Which of the following pair is not a natural pesticide?
- (A) Turmeric and Neem
(B) Malathion and DDT
 (C) Neem and Castor Oil
 (D) Castor Oil and Turmeric
- 167.** Which one of the following is not correctly matched:
- | | |
|--------------------|----------------------------|
| (A) Caesium | 1. Alkalimetal |
| (B) Uranium | 2. Transition metal |
| (C) Barium | 3. Alkaline earth metal |
| (D) Silver | 4. Transition metal |

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

List – I	List – II
(a) Copper	1. Red
(b) Copper Sulphate	2. Black
(c) Cuprous oxide	3. Reddish brown
(d) Cupric oxide	4. Blue

Codes:

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

169. The machine that picture lie detection in investigation criminals is

- (A) EEG (B) ECG
(C) Poly graph (D) Doppler

170. Pick out the correct one:

If we kick a foot ball it flies away but kick a stone of size with equal force it doesn't. Because

- (A) Inertia depends on mass**
 (B) Inertia doesn't depend on mass
 (C) Inertia is inversely proportional to mass
 (D) Inertia is larger for small mass

171. Choose correct answer:

A force is inclined at 60° to the horizontal. If the horizontal component of force is 40 Kg wt. Calculate vertical component.

- (A) 40 kg wt **(B) 69.28 kg wt**
 (C) 6.298 kg wt (D) 992.8 kg wt

172. TELENT operates on

- (A) server-server **(B) client-server**
 (C) client-client (D) server-client

173. WWW is the brainchild of

- (A) T.M. Bernerslee** (B) E.F. Codd
 (C) Vinton Cerf (D) J.C.R. Licklider

174. File Transfer Protocol works on the

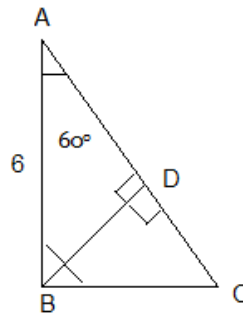
- (A) Client/Client principle
 (B) Business/Business principle
 (C) Peer/Peer principle
(D) Client/Server principle

175. How many students does not like chemistry?

Subject	No. of students
Mathematics	6
Physics	12
Chemistry	15
Biology	8
Computer Science	9

(A) 32 **(B) 35**
 (C) 41 (D) 42

176. The length of CD is



- (A) 6 **(B) 9**
 (C) 12 (D) 8

177. Which one of the following is correctly matched?

- | | |
|---------------------|-------------------|
| 1. Nannool | - Veerama Munivar |
| 2. Thonnool | - Bavananthi |
| 3. Veerasozhiyam | - Bhuthamethran |
| 4. Elakkanavelakkam | - Subbramaniyar |
- (A) 1 **(C) 3**
 (B) 2 (D) 4

178. Which is/are correct out of the below statements?

- Vanda is an Epiphyte
- It has Velamen tissue
- It is an angiosperm plant

- (A) 1, 2 correct, 3 wrong
 (B) 1, 3 correct 2 wrong
 (C) 2, 3 correct 1 wrong
(D) All are correct

179. Match the following:

- | | |
|------------------|-----------------|
| (a) Mozhiyael | 1. Archaeology |
| (b) Panpadu | 2. Linguistics |
| (c) Manidaveyael | 3. Anthropology |
| (d) Thollieyael | 4. Culture |

Codes:

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

180. Match the following:

- | | |
|--------------------------------|-----------------------------|
| (a) Velakka
Mozhiyael | 1. Comparative linguistics |
| (b) Varalartru
Mozhiyael | 2. Historical linguistics |
| (c) Oppumai
Mozhiyael | 3. Transformational Grammer |
| (d) Martrilakkana
Mozhiyael | 4. Descriptive linguistics |

Codes:

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

181. Of the following which are anaerobes?

- (A) bacteria, yeast**
 (B) bacteria, green plants
 (C) yeast, fungi
 (D) green plants, yeast

182. The bacterium discovered by Anand Mohan Chakrabarthi to degrade oil spills

- (A) Bacillus **(B) Pseudomonas**
 (C) Nitrosomonas (D) Streptococcus

183. Which one of the insect repellent is used to destroy mosquitoes in your house water storage?

- (A) BHC **(B) DEET**
 (C) TNT (D) TNP

184. The motion of rocket is according to which law?

- (A) Newton first law
 (B) Newton second law
(C) Newton third law
 (D) Joule- Thomson law

185. Match List I (forms of power sharing) with List II (form of Govt.) and select the correct answer using the codes given below in the lists.

- | List I | List II |
|--|-------------------------|
| (a) Power shared among different organs of Govt. | 1. Community Government |
| (b) Power shared among Governments at different levels | 2. Separation of powers |
| (c) Power shared by different social groups | 3. Coalition Government |
| (d) Power shared by two or more political parties | 4. Federal Government |

Codes:

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

186. How many language in India are included in the Eighth schedule of Indian constitution?

- (A) 114 **(B) 22**
 (C) 46 (D) 48

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

Scheme (List I)	Sector (List II)
(a) MDM	1. Rural health
(b) SSA	2. Secondary education
(c) RMSA	3. Mid-day meal
(d) NRHM	4. Elementary education

Codes:

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

188. In computer the term “virus” is associated with

- (A) Malfunctioning components in a computer
- (B) Small insects entering into a computers
- (C) Malicious programs**
- (D) Programs which will normally affect the hardware components in a computer

189. Usain Bolt is associated with

- (A) high jump
- (B) long jump
- (C) running race**
- (D) polewalt

190. The newly added element with atomic number 112 in the periodic table is

- (A) copernicium**
- (B) rontgenium
- (C) meitnerium
- (D) bohrium

191. Match the following:

(a) Chandrayan I	1. Metallurgical observation/Research
(b) Kalpana I	2. Unmanned moon mission
(c) Accelerators III	3. Development of space science
(d) Indian Space Programme	4. Cyclotron

Codes:

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

192. Pick the correct answer.

Graphite can be converted into diamond by applying

- (A) temperature 3000°C and pressure 1,00,000 atm**
- (B) temperature 300°C and 1 atmospheric pressure (atm)
- (C) temperature 100°C and no pressure
- (D) applying pressure alone

193. Organisms which are widely used for experiments in genetics are

- (A) Mosquito, House fly and House rat
- (B) Fruit fly, E. Coli and White rat**
- (C) Rabbit, Dolly Sheet and Viruses
- (D) Viruses, Yeasts and House fly

194. Identify the name associated with antivirus products

- (A) McCaffe**
- (B) Adobe
- (C) Java
- (D) Epic

195. Pick out which is not correctly matched :

- (A) Solar steam generating system - Air conditioning
- (B) Biogas power plant - To provide electricity
- (C) Hydropower - Hilly areas
- (D) Solar energy - Non renewable sources of energy**

196. The nationality of the famous football player Diego - Maradona is

- (A) Brazil
- (B) Argentina**
- (C) Italy
- (D) England

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197. Vermi compost prepared by using earthworms
 (A) inhibits the decomposition of plant waste
(B) speeds up the process of decomposition of plant waste
 (C) enhances the water holding capacity of the soil
 (D) prevents the diseases

198. The term “Double fault” is associated with
 (A) Hockey (B) Handball
(C) Lawn tennis (D) Football

199. Opera is
 (A) a programming language
(B) a browser
 (C) an operating system
 (D) word processing tool

200. Match the following:

- | | |
|----------------------|------------------------|
| (a) Octroi | 1. Tourism operator |
| (b) Professional tax | 2. Trader |
| (c) Service tax | 3. Cement Manufacturer |
| (d) Value Added Tax | 4. Medical profession |

Codes:

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

