101. Projectile motion is a combination of horizontal motion with constant and vertical motion with constant

(A) Acceleration, Velocity  (B) Velocity, Acceleration
(C) Displacement, velocity  (D) Velocity, displacement

Ans – (B) Velocity, Acceleration

102. Nuclear force is

(A) charge depended  (B) spin independent
(C) both charge and spin independent  (D) spin dependent but charge independent

Ans – (D) spin dependent but charge independent

103. The area of a semi-circle of radius 7 cm is

(A) 7 cm²  (B) 777 cm²  (C) 77 cm²  (D) 7777 cm²

Ans – (C) 77 cm²

104. The oxidation of SO to SO ion by oxygen

SO + O → SO, in this reaction which is Lewis acid and Lewis base?

(A) SO is Lewis acid and Oxygen is Lewis base
(B) Oxygen is Lewis acid and SO is Lewis base  
(C) Both are Lewis acids  
(D) Both are Lewis Bases  
Ans – (B) Oxygen is Lewis acid and SO is Lewis base

SO + O  SO

105. Cyanide resistant respiration is found in  
(A) Plants only  
(B) Animals only  
(C) Both plants and animals  
(D) Plants and Microbes  
Ans – (D) Plants and Microbes

106. Male sex hormone ‘testosterone’ is produced by  
(A) Leydig cells  
(B) Sertoli cells  
(C) Germinal epithelial cells  
(D) Spermatogonial cells  
Ans – (A) Leydig cells

107. Which one of the following is correctly matched?  
I. Gregor Mendel - Neurospora  
II. T.H. Morgan - Drosophila
III. C.B. Bridges - Garden Pea
IV. J.H. Muller - Mice

(A) I  (B) II  (C) III  (D) IV

Ans – (B) II

108. Tax is charged on some items which are manufactured in the country. This is collected by the Government of India. This tax is

(A) Direct Tax  (B) Indirect Tax
(C) Excise Duty  (D) Service Tax

Ans - (C) Excise Duty

109. The Value of

(A) 3x  (B) 3  (C) 3x +2  (D) x-2

Ans - (B) 3

110. A boy is now twice as old as his sister, four years ago, he was thrice as old as her what are their ages now?

(A) 18, 9  (B) 14, 7  (C) 16, 8  (D) 12, 6

Ans - (C) 16, 8
111. \( x^{3/2} : 9 = 16 : x \). What is the value of \( x \)?
   (A) 16  (B) 3  (C) 4  (D) 12
   Ans - (D) 12

112. The total surface area of the hollow hemisphere is equal to
   (A) \( 2 (R^2 + r^2) \) sq. units  (B) \( 2 (R^2 - r^2) \) sq. units
   (C) \( 3R^2 + r^2 \) sq. units  (D) \( 3R^2 - r^2 \) sq. units
   Ans - (C) \( 3R^2 + r^2 \) sq. units

113. The probability that a leap year will have 53 Fridays or 53 Saturdays is
   (A) \( 1/7 \)  (B) \( 2/7 \)  (C) \( 3/7 \)  (D) \( 4/7 \)
   Ans - \( 3/7 \)

114. Factorization of \( (x + y)^2 + 9(x + y) + 8 \) is
   (A) \( (x+y+1)(x+y) \)  (B) \( (x+y+1)(x+y+8) \)
   (C) \( (x+y+1)(x+y+6) \)  (D) \( (x+y+8)(x+y+2) \)
   Ans - (B) \( (x+y+1)(x+y+8) \)

\( (x + y)^2 + 9(x + y) + 8 \) - முதல் பெருக்கம் மற்றும் வரும் முறையில் கூட்டணியில் இருந்து, 4 குறுக்குறிகளும் வேளாய் முறையில் உலகுக் காலங்களை கூட்டணியில் இருந்து முறையில், அவையுடைய வாய்ந்திகளை அமையும் வரும் முறை?
(A) $(x+y+1)(x+y)$  
(B) $(x+y+1)(x+y+8)$  
(C) $(x+y+1)(x+y+6)$  
(D) $(x+y+8)(x+y+2)$  

**Ans:** (B) $(x+y+1)(x+y+8)$

115. What is the difference between the sum of first ‘n’ odd natural numbers and that of first ‘n’ natural numbers?

(A) $n/2 + 1$  
(B) $n(n-1)/2$  
(C) $n(n+1)/2$  
(D) $n(n+1)(2n+1)/6$

**Ans:** (B) $n(n-1)/2$

116. Which of the following is arranged in correct ascending order?

(A) 25% of 8, 40% of 6, 30% of 9, 20% of 15  
(B) 20% of 15, 25% of 8, 30% of 9, 40% of 6  
(C) 30% of 9, 40% of 6, 25% of 8, 20% of 15  
(D) 20% of 15, 30% of 9, 40% of 6, 25% of 8

**Ans:** (A) 25% of 8, 40% of 6, 30% of 9, 20% of 15

117. Which of the following is larger in area?

(A) A triangle with base 10 cm and height 8 cm  
(B) A triangle with sides 12 cm, 5 cm and 13 cm  
(C) An equilateral triangle whose sides are 10 cm each  
(D) A right angled triangle whose sides containing the right angle are 3 cm and 4 cm

**Ans:** (C) An equilateral triangle whose sides are 10 cm each
118. The arithmetic mean of a group of 75 observations was calculated as 27. It was later found that one observation was wrongly read as 43 instead of the correct value 53. Obtain the correct arithmetic mean of the data.

(A) 26.13  (B) 27.13  (C) 28.13  (D) 25.13

Ans - (B) 27.13

119. A sum of money triples itself at 8% per annum over certain time. The number of years is equal to

(A) 24  (B) 25  (C) 20  (D) 12

Ans - (B) 25

120. Match the following:

(a) Annie Besant  1. Kesari
(b) Bipin Chandrapal  2. Common weal
(c) Boopendra Nath Dutt  3. The New Asia
4. Yuganath

<table>
<thead>
<tr>
<th>(a)</th>
<th>(b)</th>
<th>(c)</th>
<th>(d)</th>
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</thead>
<tbody>
<tr>
<td>(A)</td>
<td>3</td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td>(B)</td>
<td>2</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>(C)</td>
<td>4</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>(D)</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
</tbody>
</table>

Ans - (D) 2 3 4 1

121. Before E.V. Ramaswamy Vaikom Satyagrah was first started by three leaders. They were

(A) T.Prakasam, T.K. Madhavan and K.P. Kesava Menon

(B) T.K.Madhavan, K.P. Kesava Menon and George Joseph

(C) George Joseph, T.Prakasam and T.K.Madhavan

(D) K.P.Kesava Menon, T.Prakasam and George Joseph

Ans - (B) T.K.Madhavan, K.P. Kesava Menon and George Joseph
122. Who was called ‘The Father of Modern India’?

(A) Ambedhkar  
(B) ‘Periyar’ E.V.R.  
(C) Gandhiji  
(D) Rajaram Mohan Roy  

Ans - (D) Rajaram Mohan Roy

123. Tambapanni is the old name of

(A) Tamil Nadu  
(B) Kerala  
(C) Srilanka  
(D) Karnataka  

Ans - (C) Srilanka

124. Name the journal which declared ‘Swami Vivekanand the Greatest figure in the Parliament’.

(A) Young India  
(B) Samachar Darpan  
(C) Swadeshi Mitran  
(D) New York Herald  

Ans - (D) New York Herald
125. Cultivable lands which has not been ploughed for between one and five years are called as

(A) Culturable waste  
(B) Current fallows  
(C) Other fallows  
(D) Permanent fallows

Ans - (C) Other fallows

126. Tidal forests of Ganga-Brahmaputra delta, mainly consists of

(A) Rhododentrons  
(B) Hardwood palms  
(C) Laurels  
(D) Junipers

Ans - (B) Hardwood palms

127. Which is wrongly matched?

(A) Indo – European Family – Arya  
(B) Austric Family – Nishada  
(C) Dravidian Family – Dravidian  
(D) Sino – Tibetan Family – Munda

Ans - (D) Sino – Tibetan Family – Munda
128. marked the beginning of census taking in India.

(A) The year 1862  (B) The year 1872
(C) The year 1882  (D) The year 1892
Ans - (B) The year 1872

129. The MRTP Act, 1969 has been repealed and replaced by the competition Act, 2002 with effect from

(A) 2002  (B) 2009  (C) 2013  (D) 2016
Ans - (B) 2009

130. The basic objective of Gandhian plan brought out by S.N. Agarwala was

(A) Agricultural development
(B) Growth of cottage and village industries
(C) To achieve equality
(D) To raise the material as well as the cultural level of Indian masses
Ans - (D) To raise the material as well as the cultural level of Indian masses

S.N. செயல்வாய்ப்புக்கட்டளையுடன் கூட்டி நிறுவியியும் ஆரம்பவும் முன்முன்வலம்

(A) நுழைவுத் தலைவர்

(B) வடிவமைத்த ஆராய்ச்சிகள் நூற்றாண்டு ஆரம்பவும் முன்முன்வலம்

(C) தீர்மானம் தீர்மானம்

(D) நுழைவுத் தலைவர் நூற்றாண்டு ஆரம்பவும் ஆரம்பவும்

 Ans - (D) நுழைவுத் தலைவர் நூற்றாண்டு ஆரம்பவும் ஆரம்பவும்

131. The last Deputy Chairman of Planning Commission of India was

(A) Manmohan Singh        (B) Narendra Modi

(C) Arun Jaitley           (D) Montek Singh Ahluwalia

Ans - (D) Montek Singh Ahluwalia

மிழ்தல் நிறுவனத் தலைவர் நிறுவியியும் ஆரம்பவும் முன்முன்வலம்

(A) மாந்மோகன் பிரிவு

(B) சுரைந்த பிரிவு

(C) அருணாசலம் ஜாதிலை

(D) மாந்மோகன் பிரிவு ஆராய்ச்சிகள்

Ans - (D) மாந்மோகன் பிரிவு ஆராய்ச்சிகள்

132. The first stage of the strategy related to Intensive Agricultural District Programme was started in the year

(A) 1951-52        (B) 1960-61        (C) 1965-66        (D) 1990-91

Ans - (B) 1960-61

யிரமை மாந்மோகன் நிறுவனத் தலைவர் நிறுவியியும் ஆரம்பவும் முன்முன்வலம்

(A) 1951-52       (B) 1960-61        (C) 1965-66        (D) 1990-91

Ans - (B) 1960-61

133. Which of the following statements are correct with regard to Tamil Nadu Pudhu Vaazhvu Project?

(i) It was launched in 2005

(ii) It is aided by World Bank
(iii) The total outlay is Rs.1,667 crores

(iv) It is being implemented in 26 districts

(A) All are correct statement
(B) (i), (ii), (iii) are correct
(C) (ii), (iii), (iv) are correct
(D) (i), (ii) and (iv) are correct

Ans - (A) All are correct statement

134. Whether governor of a state has the power to dissolve the state legislature?

(A) Yes
(B) No
(C) He/She can only recommend
(D) Only President can

Ans - (A) Yes

135. In the rules of business of Indian Parliament, if the speaker admits, notice of the motion but no date is fixed for its introduction – then it is called

(A) Call attention motion
(B) Adjournment motion
(C) No confidence motion
(D) No day – Yet – Named motion

Ans - (D) No day – Yet – Named motion
136. Constitutional status to the Panchayat Raj Institutions was initiated based on the recommendation of

(A) G.V.K. Rao Committee  
(B) L.M. Singhvi Committee  
(C) Ashok Mehta Committee  
(D) Balwantray Mehta Committee

Ans - (B) L.M. Singhvi Committee

137. Which Article of the Constitution of India conferred special leave petitions power to the Supreme Court?

(A) Art. 136  
(B) Art. 32  
(C) Art. 139  
(D) Art. 226

Ans - (A) Art. 136

138. In India, power of Judicial Review is restricted because the

(A) Executive is supreme  
(B) Legislature is supreme  
(C) Constitution is supreme  
(D) Judges are transferable
Ans - (C) Constitution is supreme

139. The government of India instituted Bharat Ratna and Padma Shri awards under

(A) Article 14 of the Indian constitution
(B) Article 18 of the Indian constitution
(C) Article 25 of the Indian Constitution
(D) Article 32 of the Indian constitution

Ans - (B) Article 18 of the Indian constitution

140. A scheme to provide Support to Training and Employment of Women (STEP) was launched in the year

(A) 1986-87  (B) 1990-91  (C) 1995-96  (D) 1996-97

Ans - (A) 1986-87
141. Prime Minister of India inaugurated India’s longest road bridge on May 26, 2017. Which states are connected by this bridge?

(A) Assam and Arunachal Pradesh  
(B) Assam and Manipur  
(C) Assam and Thiripura  
(D) Manipur and Thiripura

Ans - (A) Assam and Arunachal Pradesh

142. In India which organisation’s scientists recently produced electricity from water without using energy?

(A) NPL, New Delhi  
(B) IISC, Bengaluru  
(C) IISER, Kolkata  
(D) IIT, Chennai

Ans - (A) NPL, New Delhi

143. In which place Prime Minister of India inaugurated the country’s first Indian Institute of Skills [IIS] on Dec. 20, 2016?

(A) Ahmedabad  
(B) Bengaluru  
(C) Kanpur  
(D) Varanashi

Ans - (C) Kanpur
144. Which one of the organization organized the Gyan Sangam [Knowledge Summit] in New Delhi on March, 2017?

(A) Prajna Parvah  
(B) Christian Education Society  
(C) Students Islamic Movement of India  
(D) Democratic Youth Federation of India

Ans - (A) Prajna Parvah

145. Which of the following aim comes under Prime Minister Krishan Sai Yojana?

(A) Environment  
(B) To increase ground water  
(C) Cloth production  
(D) Free food

Ans - (B) To increase ground water

146. Iron Lady of Manipur, Iron Sharmila got how many votes in the 2017 Manipur Assembly election?
<table>
<thead>
<tr>
<th>Question</th>
<th>Options</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>147. Which district of Tamilnadu, Chief Minister announced new dental college from the year 2017?</td>
<td>(A) Chennai, (B) Dharmapuri, (C) Virudhunagar, (D) Pudukottai</td>
<td>(C) Virudhunagar</td>
</tr>
<tr>
<td>148. Which one of the following state government has shifted its financial year from [April 1 to March 31] to calendar year [January 1 to December 31]?</td>
<td>(A) Kerala, (B) Madhya Pradesh, (C) Punjab, (D) West Bengal</td>
<td>(B) Madhya Pradesh</td>
</tr>
<tr>
<td>149. What percentage of total cultivation area in Tamilnadu is rainfed (Manavari)?</td>
<td>(A) 55%, (B) 57%, (C) 54%, (D) 52%</td>
<td>(B) 57%</td>
</tr>
</tbody>
</table>
150. Indian Neutrino Observatory is situated in which district of Tamilnadu?

(A) Madurai  (B) Theni  (C) Cuddalore  (D) Chennai

Ans - (B) Theni

151. A supernova is an exploding star. In which years the last two supernova are visible to the naked eye?

(A) 1600, 1980  (B) 1601, 1982  (C) 1604, 1987  (D) 1605, 1997

Ans - (C) 1604, 1987

152. Calculate the dimensions of Planck’s constant ‘h’, using the equation $E = hy$, where $E$ energy and $y$ frequency

(A) $ML^2T^{-1}$  (B) $ML^2T^{-1}$  (C) $ML^{-1}T^{-2}$  (D) $ML^2T^1$

Ans - (B) $ML^2T^{-1}$

153. Which one of the organic pesticides that contain phosphorous?

(A) DDT  (B) BHC  (C) 2, 4-D  (D) Parathion

Ans - (D) Parathion
154. Match the following:

(a) Mixed fertilizer
(b) Complex fertilizer
(c) Bio fertilizer
(d) Organic Nitrogen fertilizer

1. DAP
2. NPK
3. Oil Cake
4. Algae

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

Ans - (B) 2 1 4 3

155. Match the following:

(a) மேர் போர்ச் பூச்சக்கன்
(b) சேர்க்க போர்ச் பூச்சக்கன்
(c) வருபான் பூச்சக்கன்
(d) ஒச்சுறுக்காய் பூச்சக்கன்

1. பு.பொ.பி.
2. ஒச்சுறுக்காய்
3. வருபான்
4. மேர்

(A) 1 2 3 4
(B) 2 1 4 3
(C) 3 2 1 4

Ans - (C) 3 2 1 4
155. In Transmission Electron Microscope (TEM) -------------- is used to magnify the objects.

(A) Light  (B) Optical lenses  (C) Electrons  (D) Scanner

Ans - (C) Electrons

156. The Respiratory quotient value for glucose is

(A) 0.5  (B) 1.0  (C) 1.5  (D) 2.0

Ans - (B) 1.0

157. Which one is wrongly matched pair in their characters?

(A) Pancreas - Glucagon
(B) Small intestine - Stomatostatin
(C) Testis - Estrogen
(D) Adrenal gland - Glucocorticoids

Ans - (C) Testis - Estrogen
158. Which of the following hormone stimulates contraction of uterine smooth muscle?

(A) Epinephrin  (B) Insulin  (C) Oxytocin  (D) Glucagon

Ans - (C) Oxytocin

159. The cylinder whose base is not in circular form is called

(A) Circular cylinder  (B) Right circular cylinder  (C) Oblique cylinder  (D) Irregular cylinder

Ans - (C) Oblique cylinder

160. 10 sq. m is equal to

(A) 100 sq. cm.  (B) 1000 sq.m  (C) 10000 sq. m  (D) 100000 sq.m

Ans - (D) 100000 sq.m
161. A __________ is often drawn as a guide, so that a frequency polygon can be drawn over the top.

(A) Frequency  (B) Histogram  
(C) Cumulative Frequency  (D) Rectangle

Ans - (B) Histogram

162. If 100 persons can finish a work in 7 days, how many persons can finish the same work 35 days?

(A) 20 persons  (B) 50 persons  (C) 30 persons  (D) 25 persons

Ans - (A) 20 persons

163. What percent of an hour is 36 seconds?

(A) 6%  (B) 1%  (C) 10%  (D) 36%

Ans - (B) 1%

164. \[ \frac{x^m}{x^n} \frac{x^n}{x^{l+1}} \left( \frac{x^l}{x^m} \right)^m = \]

(A) 1  (B) -1  (C) \( x^{m+n+l} \)  (D) \( \frac{1}{x^{m+n+l}} \)

Ans - (A) 1

\[ \frac{x^m}{x^n} \frac{x^n}{x^{l+1}} \left( \frac{x^l}{x^m} \right)^m = \]

(A) 1  (B) -1  (C) \( x^{m+n+l} \)  (D) \( \frac{1}{x^{m+n+l}} \)
165. If A = +, B = +, C = x and D = - then what is the value of $\frac{1}{5} C 2B \frac{1}{5} A \frac{1}{5} D \frac{1}{10}$?

(A) 2.1  (B) 1.2  (C) 2.5  (D) 1.6

Ans - (A) 2.1

166. The value of: $x^3 - 1 / x + 3 + x^2 + x + 1 / 3x + 9$?

(A) 3x -1  (B) 3(x+1)  (C) 3(x-1)  (D) 3x +2

Ans - (C) 3(x-1)

167. What is the 85th term of the sequence $x$, $x^{\frac{3}{2}}$, $x^2$, $x^{\frac{5}{2}}$, …?

(A) $x^{\frac{85}{2}}$  (B) $x^{\frac{45}{2}}$  (C) $x^{43}$  (D) $x^{44}$

Ans - (C) $x^{43}$

168. The radius and the slant height of a cone are respectively ‘r’ and ‘l’. What is the volume of the cone?

(A) $\frac{1}{3} r$  (B) $\frac{1}{3}$  (C) rl  (D) (l+r)

Ans - (A) $\frac{1}{3} r$
169. What is the 21st term of the sequence 100, 95, 90, 85…?

(A) 10  (B) 20  (C) 0  (D) 5

Ans - (C) 0

170. Simplify : \(2x^4 - 162 / (x^2+9)(2x-6)\)

(A) \(x^2 - 9\)  (B) \(x+3\)  (C) \(x+6\)  (D) \(x-6\)

Ans - (B) \(x+3\)

171. If the LCM of \(x\) and \(y\) is \(z\), what is the H.C.F. of \(x\) and \(y\) ?

(A) \(xy/z\)  (B) \(xz/y\)  (C) \(yz/x\)  (D) \(xy\)

Ans - (A) \(xy/z\)

172. The number of delegates who attended the first session of the Indian National Congress was

(A) 25  (B) 100  (C) 72  (D) 2000

Ans - (C) 72
173. The revolutionary nationalist Nelakanda Brahmachari was born at

(A) Thirunelveli  (B) Madurai  (C) Sirkali  (D) Chennai

Ans - (C) Sirkali

174. Arrange the following in chronological order:

1. Senkuttuvan
2. Emayavaramban
3. Kanaikal Irumporai
4. Kuttuvan Cheral

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

Ans - (A) 2,1, 4,3

175. In Chola kingdom the revenue department was called as

(A) Perumtharam  (B) Utan Kuttam  (C) Puravuvari  (D) Olai Nayagam

Ans - (C) Puravuvari
176. Where the All India Muslim League was formed in 1906?
(A) Mumbai (B) Uttar Pradesh (C) Chennai (D) Dhaka
Ans - (D) Dhaka

177. When ‘Swadeshi day’ was celebrated in India?
(A) 27 May, 1932 (B) 28 May, 1932 (C) 29 May, 1932 (D) 30 May, 1932
Ans - (C) 29 May, 1932

178. Who was the first ruler in the Chola-Chalukya line?
(A) Raja Raja II (B) Vikrama Chola (C) Kulothunga I (D) Adhi Rajendran
Ans - (C) Kulothunga I

179. The Vaikam Satyagraha arose in Keral in the year
(A) 1918 (B) 1924 (C) 1913 (D) 1928
Ans - (B) 1924
180. Periyar incorporated the ideas of the justice party and formed a new party called

(A) Dravida Kazhagam

(B) Dravida Munnetra Kazhagam

(C) Swantara Party

(D) Anna Dravida Munnetra Kazhagam

Ans - (A) Dravida Kazhagam

181. Mercury the smallest planet has only 88 earth days to orbit the sun, because

(A) Size of the planet

(B) Spinning speed

(C) Distance from the sun

(D) It’s thin atmosphere

Ans - (C) Distance from the sun

182. Match the disasters with its type and pick the correct answers code:

(a) Blizzards

(b) Tsunamis

1. Hydrological disaster

2. Health disaster
(C) Nuclear accidents 3. Atmospheric disaster

(D) Pandemic 4. Anthropogenic disaster

(a) (b) (c) (d)

(A) 2 1 4 3

(B) 2 3 4 1

(C) 3 1 2 4

(D) 3 1 4 2

Ans - (D) 3 1 4 2

183. Despite the substantial improvement in health conditions of people in India, there has been certain negative trends due to

I. High incidence of HIV/AIDS in rural areas

II. High incidence of HIV/AIDS in urban areas

III. Growing incidence of Heart Diseases and cancer in rural areas

IV. Growing incidence of Heart diseases and cancer in urban areas
(A) All are correct  
(B) I and III correct  
(C) II and IV correct  
(D) I, III and IV correct

Ans - (B) I and III correct

I. HIV/AIDS பயிற்சியில் அதிகாரத் தொகுதியான
II. HIV/AIDS பயிற்சியில் அதிகாரத் தொகுதியான
III. தொம்பு நீர்ப் பாதுகாப்பு கேப்பான்று பயிற்சியில் அதிகாரத் தொகுதியான
IV. தொம்பு நீர்ப் பாதுகாப்பு கேப்பான்று பயிற்சியில் அதிகாரத் தொகுதியான
(A) தொலைக்குறிப் பிரிவு  
(B) I புதுமைமலருக்கு
(C) II புதுமை IV பிரிவு  
(D) I, III புதுமை IV பிரிவு

Ans - (B) I புதுமை III பிரிவு

184. Which one of the following matched is correct?

(a) Thyroid hormone  
1. Cushing’s disease
(b) Insulin  
2. Myxedema
(c) Corticosteroids  
3. Acromegaly
(d) Growth hormone  
4. Diabetes

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

Ans - (D) 2 4 1 3

வெறுந்து மூலக்குறிக்குள் பல்லவனில் அம்பாள் பெற்று எவ்வளர்க்கைர் கொண்டு பிரிவுகள்?

(a) குழுவாக முறையில்  
1. முறையாக முறையில்
185. Which one of the following changes was not called by the Gandhian model and growth in the Indian Planning System?

(A) To replace production oriented planning with employment oriented planning

(B) To replace employment oriented planning with the production oriented planning

(C) It is in favour of small scale and cottage industries

(D) It is against large scale industries producing consumer goods.

Ans - (B) To replace employment oriented planning with the production oriented planning

186. The word ‘Secularism was inserted in the preamble of the constitution after supreme court of India observed ‘Secularism’ was a basic feature of constitution in

(A) 1975    (B) 1973    (C) 1976    (D) 1981
187. The special status provided to Jammu and Kashmir under Art. 370 limits parliament to enact laws relating to

(A) List-I and List-III of the Seventh Schedule
(B) List-I only of the Seventh Schedule
(C) List-II only of the Seventh Schedule
(D) List-I, II & III of the Seventh Schedule

Ans - (A) List-I and List-III of the Seventh Schedule

188. The ideals of liberty, equality and fraternity enshrined in the preamble of the Constitution of India were adopted under inspiration from the

(A) American Declaration of Independence
(B) French Revolution
(C) Russian Revolution
(D) UN Charter

Ans - (B) 1973

(A) 1975 (B) 1973 (C) 1976 (D) 1981

Ans - (B) 1973
Ans - (B) French Revolution

Which one of the following is not correct related to the distinctions between the grands under Article 275 and Article 282 of the Constitution of India?

(A) The grants-in-aid under Article 275 are statutory whereas under Article 282 they are discretionary
(B) Under Article 282, the union has the power to provide grants-in-aid even for non-plan expenditure
(C) Under Article 275, the union has the right to give grants in accordance with the decision taken on the basis of recommendation of Finance Commission
(D) Allocation of Grants under Article 282 is based on the recommendation of Cabinet Committee

Ans - (D) Allocation of Grants under Article 282 is based on the recommendation of Cabinet Committee
190. Match List I with List II and select the correct answer using the code given below:

<table>
<thead>
<tr>
<th>List I</th>
<th>List II</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) P.A. Sangma</td>
<td>1. Telugu Desam party</td>
</tr>
<tr>
<td>(b) G.M.C. Balayogi</td>
<td>2. CPI (m)</td>
</tr>
<tr>
<td>(c) Manohar Joshi</td>
<td>3. Shiv Sena</td>
</tr>
<tr>
<td>(d) Somnath Chatterjee</td>
<td>4. Congress-I</td>
</tr>
</tbody>
</table>

(a) (b) (c) (d)

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

Ans - (B) 4 1 3 2

191. Kaviko Arakkattalai Award given to -------------- during the year 2017.
(A) Poet Muthulingam  (B) Poet Vairamuthu

(C) Poet Vali  (D) Poet Vijay

Ans - (A) Poet Muthulingam

192. What Percentage of downtrodden students enrolment in private schools as per Right to Education Act?

(A) 25  (B) 26  (C) 27  (D) 28

Ans - (A) 25

193. Find out the total votes of the electoral college for the Indian presidential Election, 2017.

(A) 11,00,346 Votes  (B) 11,04,546 Votes

(C) 12,06,232 Votes  (D) 13,00,346 Votes

Ans - (B) 11,04,546 Votes

194. Which one of the following is the objective of perspective plan 2023?

(A) Create Employment Opportunity  (B) Digital Technology

(C) Award  (D) Reward
195. Which of the following objectives regarding Skill India Mission is incorrect?

(A) Its objective is to achieve skilling of the youth across the country
(B) Its aim is to remove financial constraints in accessing skill training programmes
(C) Under the mission, loans from Rs.50,000 to 1.5 lakh will be available to more than 34 lakh Youth of India
(D) The tagline of this mission is Kaushal Bharat

Ans - (C) Under the mission, loans from Rs.50,000 to 1.5 lakh will be available to more than 34 lakh Youth of India

196. Which country physicists created a new form of Hydrogen? (Negatively charged hydrogen cluster)

(A) India  (B) Austria  (C) Australia  (D) China

Ans - (B) Austria
197. Rajiv Gandhi School of Intellectual Property Rights Law is located in ______ (City) of ______ State.

(A) Chennai – Tamil Nadu  (B) Ujaini – Madhya Pradesh
(C) Cochin – Kerala  (D) Khargpur – West Bengal

Ans - (D) Khargpur – West Bengal

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

(A) Varishtha Pension Bima Yojana - Social security for old age
(B) Pravasi Karshal Vikas Yojana - Seeking employment in abroad
(C) PM Fasal Bima Yojana - Insurance coverage to farmers
(D) PM Gram Sadak Yojana - Empowerment of rural women

Ans - (D) PM Gram Sadak Yojana

199. When BSE’s sensex has reached its maximum 30,000 – mark for the first time in the history?

(A) 26 December 2016  (B) 26 January 2017
(C) 26 April 2017  
(D) 26 May 2017

Ans - (C) 26 April 2017

BSE’s வார்க்க புத்தாண்டு 30,000 – புத்தாண்டின் கனவு வலைவுரு எந்த முடிவு? (வேறு விளக்கம் காண்பது லவசம்)

(A) 26 ஆண்டு 2016  
(B) 26 ஆண்டு 2017

(C) 26 ஆண்டு 2017  
(D) 26 ஆண்டு 2017

Ans - (C) 26 ஆண்டு 2017

200. The Indian Space Research Organisation (ISRO) successfully tested indigenously developed cryogenic engine on

(A) January 25, 2017  
(B) January 30, 2017

(C) April 1, 2017  
(D) March 30, 2017

Ans - (A) January 25, 2017

இந்திய அவ்வூற்றிய அம்சத்தால் கல்விய கூற்று (ISRO), முன்னர் திரும்பியதற்கு முற்பாகமான காலப்போட்டியில் தீர்க்கப்பட்ட கல்வியதற்கு முற்பாக புகழ்.

(A) ஆண்டு 25, 2017  
(B) ஆண்டு 30, 2017

(C) ஆண்டு 1, 2017  
(D) மாதங்க 30, 2017

Ans - (A) ஆண்டு 25, 2017