2022
GENERAL ENGLISH (SSLC Standard) WITH GENERAL STUDIES (Degree Standard)
This Booklet Contains
PART - A (GENERAL ENGLISH) AND PART - B (GENERAL STUDIES)

Duration : Three Hours
[Total Marks : 300]

Read the following instructions carefully before you begin to answer the questions.

IMPORTANT INSTRUCTIONS

1. You will be supplied with this question booklet 15 minutes prior to the commencement of the examination.

2. This question booklet contains 200 questions. Before answering the questions, you shall check whether all the questions are printed serially and ensure that there are no blank pages in the question booklet. If any defect is noticed in the question booklet, it shall be reported to the invigilator within the first 10 minutes and get it replaced with a complete question booklet. If the defect is reported after the commencement of the examination, it will not be replaced.

3. Answer all the questions. All the questions carry equal marks.

4. You must write your register number in the space provided on the top right side of this page. Do not write anything else on the question booklet.

5. An answer sheet will be supplied to you separately by the room invigilator to shade the answers. Instructions regarding filling of answers etc., which are to be followed mandatory, are provided in the answer sheet and in the memorandum of admission (Hall Ticket).

6. You shall write and shade your question booklet number in the space provided on page one of the answer sheet with BLACK INK BALL POINT PEN. If you do not shade correctly or fail to shade the question booklet number, your answer sheet will be invalidated.

7. Each question comprises of five responses (answers) : i.e. (A), (B), (C), (D) and (E). You have to select ONLY ONE correct answer from (A) or (B) or (C) or (D) and shade the same in your answer sheet. If you feel that there are more than one correct answer, shade the one which you consider the best. If you do not know the answer, you have to mandatorily shade (E). In any case, choose ONLY ONE answer for each question. If you shade more than one answer for a question, it will be treated as a wrong answer even if one of the given answers happens to be correct.

8. You should not remove or tear off any sheet from this question booklet. You are not allowed to take this question booklet and the answer sheet out of the examination room during the time of the examination. After the examination, you must hand over your answer sheet to the invigilator. You are allowed to take the question booklet with you only after the examination is over.

9. You should not make any marking in the question booklet except in the sheets before the last page of the question booklet, which can be used for rough work. This should be strictly adhered to.

10. In all matters, the English version is final.

11. Failure to comply with any of the above instructions will render you liable for such action as the Commission may decide at their discretion.

TAMIL VERSION OF THE ABOVE INSTRUCTIONS ARE PROVIDED ON THE BACKSIDE OF THIS BOOKLET
101. Which of the following statements are true about Judicial Review?

(i) The doctrine of judicial review originated and developed in the U.K.
(ii) The Constitution of India confers the power of judicial review on the judiciary
(iii) The power of judicial review cannot be curtailed even by a Constitutional amendment

(A) (i) and (ii) are true
(B) (ii) and (iii) are true
(C) (i) and (iii) are true
(D) (i), (ii) and (iii) are true
(E) Answer not known
102. Which of the following statement with respect to the Indian President's power is/are correct?

(i) Money bills can be introduced in the Parliament only with his prior recommendation

(ii) When the financial stability or credit of the nation is threatened, the President can declare the Financial emergency

(iii) The President is not answerable before any court of law for exercising the powers and duties of his office

(iv) The administration of Union Territories is the responsibility of the President

(A) (i), (iii) and (iv) only
(B) (ii) and (iii) correct
(C) (i) and (ii) only
(D) (i), (ii), (iii) and (iv) correct
(E) Answer not known
103. Which of the following statements are true about fundamental duties?

(i) Fundamental duties are laid down in Article 51-A of the Constitution.
(ii) 86th amendment Act, 2002 added 11th fundamental duty to the list.
(iii) To develop scientific temper is not a fundamental duty.

(A) (i) only
(B) (ii) and (iii) only
(C) (i) and (ii) only
(D) (i) and (iii) only
(E) Answer not known
104. 'Kitab-I-Nauras' is a collection of the poems of

(A) Ibrahim Adil Shah – II

(B) Ahmad – II

(C) Tajud – Din Firuz

(D) Muhammad – II

(E) Answer not known
105. Buddhist poet Asvaghosa wrote 'Buddha Charita' in _______ language.

(A) Prakrit  
(B) Pali  
(C) Urdu  
(D) Sanskrit  
(E) Answer not known

106. "The Cultural Development is characterised by intellectual, aesthetic and spiritual attainments" Who said the above statement?

(A) J.S. Mill  
(B) S.M. Fairchild  
(C) Max Weber  
(D) Tansen  
(E) Answer not known
107. Choose the incorrect match:

(i) Suba − Sipahsalar
(ii) Sarkar − Faujdar
(iii) Pargana − Shiqdar
(iv) Village − Bakhshi

(A) (i) and (ii) only
(B) (ii) only
(C) (iii) and (iv) only
(D) (iv) only
(E) Answer not known

107. Choose the incorrect match:

(i) சபா கர்வா நிகழ்வு − பிப்பர்னா கர்வா
(ii) ஸார்கர் நிகழ்வு − பூஜா அர்வா
(iii) பார்கானா நிகழ்வு − பிகைா
(iv) விலங்கு கர் வாயில் − பற்றி

(A) (i) மாதிரி (ii) மாதிரி
(B) (ii) மாதிரி
(C) (iii) மாதிரி (iv) மாதிரி
(D) (iv) மாதிரி
(E) பாத்தூடி கணினி வழக்கு
108. Match List-I with List-II and select the correct answer:

<table>
<thead>
<tr>
<th>List-I (Place)</th>
<th>List-II (Excavated by)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) Chanhudharo</td>
<td>1. Aurel Stein</td>
</tr>
<tr>
<td>(b) Kulli</td>
<td>2. J.P. Joshi</td>
</tr>
<tr>
<td>(c) Rakhigarhi</td>
<td>3. Majumdar</td>
</tr>
<tr>
<td>(d) Dholavira</td>
<td>4. Amrendranath</td>
</tr>
</tbody>
</table>

(A) 2 1 3 4  
(B) 3 1 2 4  
(C) 3 1 4 2  
(D) 4 3 1 2  
(E) Answer not known

(பிரிவு-I பிரிவு-II வழியாகவும் குறிப்பிட்டு வெளிப்படுத்தப்பட்ட விளக்கங்கள் மதிக்கவும் கற்றுக்கொள்வும்.)

<table>
<thead>
<tr>
<th>பிரிவு-I (சிற்று)</th>
<th>பிரிவு-II (சுருக்கப்பட்டு)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) காலாத்துரையா</td>
<td>1. அருல் ஸ்டைன்</td>
</tr>
<tr>
<td>(b) குல்லி</td>
<td>2. J.P. ஜோசி</td>
</tr>
<tr>
<td>(c) மரகிண்ணுதி</td>
<td>3. மாஜும்பார்</td>
</tr>
<tr>
<td>(d) சோளாவிறா</td>
<td>4. அமண்ரேந்தினார்</td>
</tr>
</tbody>
</table>

(A) 2 1 3 4  
(B) 3 1 2 4  
(C) 3 1 4 2  
(D) 4 3 1 2  
(E) தீர்த்தப்பட்டு
109. Choose the right answer among type:

Which of the following statements are true about Eleventh Five Year plan of India?

(i) The main focus of this plan was towards faster and more inclusive growth.
(ii) This plan stresses that benefits of development should reach all sections of population.
(iii) Increased rice production in the eastern part of the country.

(A) (i) only.
(B) (i) and (iii) only.
(C) (i) and (ii) only.
(D) (ii) and (iii) only.
(E) Answer not known.

ప్రపంచ ఒక్కసారి రాష్ట్రాలవంత ప్రయోగాలు ప్రమాణంగా అభివృద్ధి అంశాలతో ఒక్కసారి రాష్ట్రాలవంత ప్రయోగాలు కాబట్టి కార్యకారించింది.

(i) ప్రమాణంగా అభివృద్ధి అంశాలతో ఒక్కసారి రాష్ట్రాలవంత ప్రయోగాలు కాబట్టి కార్యకారించింది.
(ii) ప్రమాణంగా అభివృద్ధి అంశాలతో ఒక్కసారి రాష్ట్రాలవంత ప్రయోగాలు కాబట్టి కార్యకారించింది.
(iii) ప్రమాణంగా అభివృద్ధి అంశాలతో ఒక్కసారి రాష్ట్రాలవంత ప్రయోగాలు కాబట్టి కార్యకారించింది.

(A) (i) అభివృద్ధి
(B) (i) అభివృద్ధి (iii) అభివృద్ధి
(C) (i) అభివృద్ధి (ii) అభివృద్ధి
(D) (ii) అభివృద్ధి (iii) అభివృద్ధి
(E) అంశాలతో ఒక్కసారి రాష్ట్రాలవంత ప్రయోగాలు

CCS2E/2022
110. The largest west flowing river of peninsular India is

(A) Mahi

(B) Sabarmati

(C) Narmada

(D) Luni

(E) Answer not known
111. Two exactly similar wires are stretched by the same load. Their elasticities are in the ratio 5:3. The ratio of their elongations are

(A) 3 : 5
(B) 5 : 3
(C) 9 : 25
(D) 25 : 9
(E) Answer not known

112. Human blood grouping was discovered by

(A) Landsteiner
(B) Punnett
(C) Correns
(D) Muller
(E) Answer not known
113. In the collective model of the nucleus, the shape of nuclear core is

(A) Non-spherical
(B) Spherical
(C) Semi-spherical
(D) Circular
(E) Answer not known

(Translation)

அழுத்துக்கிளித் கடை பாரியி ஆண்டுக்கிளித் அல்லது செங்குத்து மட்டுமே முடிக்கத் தங்களுக்கு?

(A) கூல் முடிக்க
(B) கூல் முடிக்க
(C) அருக்கிளித்த முடிக்க
(D) அல்ல முடிக்க
(E) அடிய முடிக்கத்
114. Assertion [A]: Science is complex, Abstract and multi faceted discipline.

Reason [R]: Scientific knowledge is concrete theoretical and synthetic.

(A) [A] is true, but [R] is false

(B) Both [A] and [R] are true, and [R] is the correct explanation of [A]

(C) [A] is false [R] is true

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

(E) Answer not known
115. Match the following:

(a) Apospory
(b) Apogamy
(c) Parthenocarpy
(d) Parthenogenesis

1. Development of a sporophyte directly from the gametophyte
2. Fruit formation without fertilization of ovules
3. Development of an embryo from an unfertilized egg cell
4. Development of gametophytes directly from the sporophyte

(A) (2) (3) (4) (1)
(B) (1) (4) (3) (2)
(C) (4) (1) (2) (3)
(D) (2) (4) (1) (3)
(E) Answer not known
116. Which of the following are correctly paired?

(1) Kaprekar    – Astrophysicist
(2) Janaki Ammal – Biologist
(3) Debashis Mukherjee – Chemistry
(4) Meghnad Saha – Mathematician

(A) 1 and 4 are correct
(B) 1 and 2 are correct
(C) 2 and 4 are correct
(D) 2 and 3 are correct
(E) Answer not known
117. World Youth Skills day is celebrated on:
   (A) March, 15
   (B) May, 15
   (C) August, 15
   (D) July, 15
   (E) Answer not known

118. The first Indian male Badminton player to win a silver medal under men's singles in the world Badminton Championship was
   (A) Kidambi Srikanth
   (B) Parupalli Kashyap
   (C) Sai Praneeth
   (D) Pullela Gopichand
   (E) Answer not known
119. Arrange the following in descending order of amount receipt in budget estimates 2022-23:
(i) State excise
(ii) Stamps and registration fees
(iii) Motor vehicles tax
(A) (i), (ii), (iii)  
(B) (ii), (i), (iii)  
(C) (iii), (i), (ii)  
(D) (iii), (ii), (i)  
(E) Answer not known

2022-23, நிறுவன முதலியறிவு தேர்வு பெருக்கில் நிலையான பொதுவின் நினைவு பொருளாதாரம் வருகை.
(i) மாநில பொருள் திறன்
(ii) வானூர்தி மாநில பொருள் கொல்லல்
(iii) மாநில மாநில பொருள்
(A) (i), (ii), (iii)  
(B) (ii), (i), (iii)  
(C) (iii), (i), (ii)  
(D) (iii), (ii), (i)  
(E) விளையாடுமெய்பெண்கள்

120. Which of the following statements are correct?
(i) The nominal GSDP growth of TN is estimated to be 14.0 percent in 2022-23
(ii) In the TN budget estimate 2022-23, the fiscal deficit is estimated at 3.63 percent of GSDP
(iii) The outstanding debt as a percentage of GSDP is expected to be 27.76 percent in 2022-23
(A) (i) only  
(B) (ii) only  
(C) (i), (ii) and (iii)  
(D) (ii) and (iii)  
(E) Answer not known

முதலியறிவு தேர்வு பெருக்கில் நினைவு பொருளாதாரம் வருகை:
(i) 2022-23-இல் மாநில பொருள் திறன் GSDP வருகை 14.0 சதவீதம் வரையறையாக வந்தது.
(ii) 2022-23, மாநில முதலியறிவு தேர்வு பெருக்கில் நினைவு பொருளாதாரம் (fiscal deficit) GSDP 3.63 சதவீதம் வரையறையாக வந்தது.
(iii) 2022-23-இல் GSDP-ன் முதலியறிவு தேர்வு பெருக்கில் வேளாணைகள் கல்லு (outstanding debt) 27.76 சதவீதம் வரையறையாக வந்தது.
(A) (i) முறையாது  
(B) (ii) முறையாது  
(C) (i), (ii) முறையாது (iii)  
(D) (ii) முறையாது (iii)  
(E) விளையாடுமெய்பெண்கள்
121. Which of the following is NOT a feature of the joint family system?

(A) Authoritarian structure
(B) Familistic organisation
(C) Individualistic identity
(D) Depth of generations
(E) Answer not known

122. Tamil Nadu housing board and Tamilnadu urban habitat development board were created in

(A) 1961 and 1970
(B) 1951 and 1960
(C) 1970 and 1960
(D) 1960 and 1951
(E) Answer not known
123. Which of the following statement is/are true of Free Drop Back Service Janani Sishu Suraksha Kariyakaram (JSSK)?

(i) JSSK started as a pilot project in Tamil Nadu by TNHSP

(ii) Drop Back vehicle can transport mother with babies upto one year

(A) Only (i)

(B) Only (ii)

(C) Both (i) and (ii) are true

(D) Both (i) and (ii) are false

(E) Answer not known
124. Virudhunagar Sankaralinganar, involved in an indefinite hunger strike to rename the Madras State as Tamil Nadu and died during

(A) 1956 July               (C) 1965 July
(B) 1956 October            (D) 1965 October

(E) Answer not known

125. Who was the author of the book "Oppressed Hindus"?

(A) M. Palaniswamy          (B) R. Veeraiyan
(C) P.V. Subramanian        (D) M.C. Rajah

(E) Answer not known

126. Which one of the following is not the achievement of Justice Party Rule?

(A) Passing Communal G.O. of 1921 and 1922
(B) Creating Public Service Commission
(C) Granting Voting Rights to women
(D) Non-Cooperation Movement

(E) Answer not known
127. Which of the following journal is not associated with Subramaniya Bharathi?

(A) A New Daily  (B) Vijaya
(C) India  (D) New India
(E) Answer not known

128. Who are the ones who brave the FATE?

“Oozhaiyum uppakkam kaanpavar” – yaar?

(A) Learned
(B) Young people
(C) Deligent people
(D) Lazy people
(E) Answer not known
129. What Thiruvalluvar says are the qualities of an Ambassador?
   (A) Knowledge, Origin, Education
   (B) Love, Knowledge, Clarity of speech
   (C) Duty, Knowing the fitting time, Knowing the place
   (D) Purity, Resources, Courage
   (E) Answer not known

130. What is the meaning conveyed through the word “extinguish”?
   With ghee extinguish fire!
   It will prove harder by scandal to extinguish love.
   (A) Life
   (B) Put out
   (C) System
   (D) Expertise
   (E) Answer not known
131. Which moral text is exclaimed as “Velaan Vedham”?

(A) Thirukkural
(B) Asarakovai
(C) Proverbs
(D) Naladiyaar
(E) Answer not known

132. In which excavation site Sir. Mortimer Wheeler used scientific and soil layer method?

(A) Pallavaram
(B) Attirampakkam
(C) Arikkamedu
(D) Kaayal
(E) Answer not known
133. Match the correct one:

<table>
<thead>
<tr>
<th>Party</th>
<th>Founder</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) Swatantra party</td>
<td>1. Sohan Singh Bhakna</td>
</tr>
<tr>
<td>(b) Gadar party</td>
<td>2. Motilal Nehru</td>
</tr>
<tr>
<td>(c) Swaraj Party</td>
<td>3. C. Raja Gopalachari</td>
</tr>
<tr>
<td>(d) Forward Bloc party</td>
<td>4. Subash Chandra Bose</td>
</tr>
</tbody>
</table>

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

(E) Answer not known

1. Sohan Singh Bhakna
2. Motilal Nehru
3. C. Raja Gopalachari
4. Subash Chandra Bose
134. When the Government of India had decided to appoint a One Man commission of Inquiry to inquire into the circumstances of the disappearance of Netaji Subhas Chandra Bose. In 1945 ________ 's name was recommended by the then Chief Justice of India.

(A) Srinivasavaradan
(B) K.K. Ghosh
(C) D.K. Roy
(D) G.D. Khosla
(E) Answer not known

135. Muhammadan Literary and Scientific Society of Calcutta was organised by

(A) Amir Ali
(B) Dudhu Miyan
(C) Abdul Latif
(D) Shariatullah
(E) Answer not known
136. The objective of Tenancy reform is

(A) Abolition of Intermediaries
(B) Increase Rural Literacy
(C) Regulation of Money Lenders
(D) Eradication of Rural indebtedness
(E) Answer not known

137. Which one of the following is the function of the Finance Commission of India?

(i) Allocation of the shares of net proceeds of taxes
(ii) Laying down principles governing grants-in-aid
(iii) Looking into the financial relation between the centre and the state

(A) (i) and (ii)                          (B) (i), (ii) and (iii)
(C) (i) and (iii)                        (D) (ii) and (iii)
(E) Answer not known
138. Match correctly the common name with the Genus name of nematode parasites:

<table>
<thead>
<tr>
<th></th>
<th>Ancyclostoma</th>
<th>Enterobius</th>
<th>Wuchereria</th>
<th>Trichuris</th>
</tr>
</thead>
</table>

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

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

(E) Answer not known

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

(E) உறை முடியவில்லை
139. 2PJ@8$LB1V#Q6δGW9KCD3©•£5FR7AY4
P@L is to Y75 in the same way as $1# is to

(A) R£©
(B) F£3
(C) F•3
(D) 5•D
(E) Answer not known

140. If × means ÷, – means ×, ÷ means + and + means –, what is the value of (3–15+19)×8+6?

(A) 8
(B) 4
(C) 2
(D) −1
(E) Answer not known

× செய்யும் ÷, – செய்யும் ×, ÷ செய்யும் + மற்றும் + செய்யும் –, உத்தி (3–15+19)×8+6 அதின் மதிப்பு என்பது?

(A) 8
(B) 4
(C) 2
(D) −1
(E) ஒவ்வும் நேரடியாக
141. Which number replaces the question mark for the following numbers?

\[ \begin{array}{ccc}
2 & 7 & 17 \\
3 & 11 & 19 \\
5 & 13 & ? \\
\end{array} \]

(A) 21
(B) 23
(C) 25
(D) 27
(E) Answer not known
142. Find the volume of water tank measured 10 m × 5 m × 1.5 m.
(A) 75 litre
(B) 750 litre
(C) 7500 litre
(D) 75000 litre
(E) Answer not known

10 m × 5 m × 1.5 m உள்ள நீர் கூழத்தின் உள்ளேற்ற வளைகோளத் தளம் பற்றிய வெள்ளளிப்பாளர் வட்டம் பற்றிய வெள்ளளிப்பாளர் வட்டம்?
(A) 75 லிட்டர்
(B) 750 லிட்டர்
(C) 7500 லிட்டர்
(D) 75000 லிட்டர்
(E) சிற்றான்மை இடைநிலை

143. An aluminium sphere of radius 12 cm is melted to make a cylinder of radius 8 cm. Find the height of the cylinder.
(A) 24 cm
(B) 30 cm
(C) 36 cm
(D) 40 cm
(E) Answer not known

12 செ.மீ. அல்பந்தர மூன்று அல்பந்தர லைனர் வட்டம் தளத்தில் 8 செ.மீ. அல்பந்தர வட்டம் வட்டாக புலக்கப்பட்டது. அல்பந்தரின் பின்னர் வட்டம் வட்டம்.
(A) 24 செ.மீ.
(B) 30 செ.மீ.
(C) 36 செ.மீ.
(D) 40 செ.மீ.
(E) சிற்றான்மை இடைநிலை
144. Which among the following is the simple interest for the principal of ₹ 1,000 for one year at the rate of 10% interest per annum?

(A) ₹ 700   (B) ₹ 500
(C) ₹ 150   (D) ₹ 100
(E) Answer not known

145. If the simple interest at the rate of $x\%$ per annum, for $x$ years, is ₹ $x$, then the principal amount is

(A) ₹ $x$   (B) ₹ $\left(\frac{100}{x}\right)$
(C) ₹ $100x$   (D) ₹ $\frac{100}{x^2}$
(E) Answer not known
146. If \(2x + 3y : 3x + 5y = 18 : 29\) then \(x : y\) is

(A) \(4 : 3\)

(B) \(3 : 4\)

(C) \(2 : 3\)

(D) \(3 : 5\)

(E) Answer not known

147. If \(5 : 6 = x : 12\). Then the value of \(x\) is

(A) \(10\)

(B) \(6\)

(C) \(12\)

(D) \(5\)

(E) Answer not known
148. What is the greatest possible volume of a vessel that can be used to measure exactly the volume of milk in cans (in full capacity) of 80 litres, 100 litres and 120 litres?

(A) 20 litres  
(B) 25 litres  
(C) 30 litres  
(D) 40 litres  
(E) Answer not known

149. Find the HCF of \( a^3 - 9ax^2, (a - 3x)^2 \).

(A) \( (a^2 - 9x^2) \)  
(B) \( (a - 3x)^2 \)  
(C) \( (a^3 - 9ax^2) \)  
(D) \( (a - 3x) \)  
(E) Answer not known

150. Kumar borrowed ₹ 52,000 from a money lender at a particular rate of simple interest. After 4 years, he paid ₹ 79,040 to settle his debt. At what rate of interest he borrowed the money?

(A) 12%  
(B) 13%  
(C) 15%  
(D) 11%  
(E) Answer not known
151. Match the following:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) Commission of Inquiry Act</td>
<td>1. 1968</td>
</tr>
<tr>
<td>(b) Central Civil Services (Conduct) Rules</td>
<td>2. 1850</td>
</tr>
<tr>
<td>(c) Public Servants (Enquiries) Act</td>
<td>3. 1964</td>
</tr>
<tr>
<td>(d) All India Service (Conduct) Rules</td>
<td>4. 1952</td>
</tr>
</tbody>
</table>

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

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

(E) Answer not known
152. Which of the following is/are correct about Cantonment Board?

(i) It is delimited area where the military forces are permanently stationed
(ii) It does not work under the administrative control of the Defence Ministry
(iii) They are grouped into three categories

(A) (i) only correct
(B) (i) and (ii) are correct
(C) (i) and (iii) are correct
(D) (iii) only correct
(E) Answer not known
153. Which Constitutional Amendment inserted Article 43B for promotion of Co-operative Societies?

(A) 42\textsuperscript{nd} Amendment, 1976

(B) 44\textsuperscript{th} Amendment, 1978

(C) 86\textsuperscript{th} Amendment, 2002

(D) 97\textsuperscript{th} Amendment, 2011

(E) Answer not known
154. Which one of the following fundamental rights has been wrongly listed?

(A) Right to Equality
(B) Right to Constitutional Remedies
(C) Right to Exploitation
(D) Right to Freedom
(E) Answer not known

155. Which among the following was not a nomenclature for "Union Territory" previously?

(A) Scheduled districts
(B) Chief Commissioner's Provinces
(C) Part C and Part D states
(D) Peculiar central enclaves
(E) Answer not known
156. Choose the right answer/answers about the Supreme Court of India.

(i) The Supreme Court is the Upholder of the Constitution of India.

(ii) The Judges of the Supreme Court hold office till the age of Seventy-two.

(iii) The Indian Judicial system consists of a single hierarchy of Courts.

(iv) The Supreme Court of India was constituted on January, 1950

(A) (i) and (ii) only

(B) (ii) only

(C) (iii) and (iv) only

(D) (i), (iii) and (iv) only

(E) Answer not known
157. Match the following:

(a) Senji 1. Stala durga
(b) Anaimalai 2. Vana durga
(c) Vellore 3. Giri durga
(d) Panchalankurichi 4. Jala durga

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

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

(E) Answer not known
158. Sikandar Lodi was responsible for the foundation of the _______ city in 1504 A.D.

(A) Dholpur

(B) Gwalior

(C) Etawah

(D) Agra

(E) Answer not known

தி. 1504 ஆம் வருடம் _______ நகரம், கிளைத்து செய்ய
அவ்வுரையானது எதுவுடன்?

(A) தோல்புர்

(B) குலாப்புர்

(C) எத்தாவா

(D) அரங்கு

(E) என்ன தெளியில்லை
159. The concentration Index was calculated by

(i) Total population and total cultivable area in terms of persons per km².

(ii) Dividing actual population of the district by the average population of a district.

(iii) Total population be correlated to the land area weighted according to its productivity.

(A) (i) and (ii) only

(B) (ii) only

(C) (ii) and (iii) only

(D) (iii) only

(E) Answer not known
160. Match the following:

(a) Tropical Evergreen
(b) Tropical Deciduous
(c) Semi desert
(d) Mangrove

1. Thorny Bushes
2. Tidal Forests
3. Tropical Rain Forest
4. Monsoon forest

(a) 3 4 1 2
(B) 4 3 2 1
(C) 2 1 3 4
(D) 4 2 3 1
(E) Answer not known
161. Which of the following statements are true about the location and extent of India?

(i) India is divided into almost two equal halves by tropic of cancer.
(ii) India is the second largest country of the world in area.
(iii) The latitude and longitudinal extend is nearly thirty degrees.
(iv) The standard meridian of India passes through Bhopal

(A) (ii) and (iii) only
(B) (i), (ii) and (iv) only
(C) (i) and (iii) only
(D) (i), (iii) and (iv) only
(E) Answer not known
162. **Assertion [A]**: High density lipoproteins transport cholesterol from peripheral tissues to the liver.

**Reason [R]**: The elevation of lipids in plasma leads to the deposition of cholesterol on the arterial walls, leading to atherosclerosis.

(A) [A] is false but [R] is true

(B) Both [A] and [R] are true, and [R] is the correct explanation of [A]

(C) [A] is true but [R] is false

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

(E) Answer not known
163. Choose the stronger acid in each of the following pair.

(i) $H_3O^+$ or $H_2O$
(ii) $NH_4^+$ or $NH_3$
(iii) $H_2S$ or $HS^-$
(iv) $H_2O$ or $OH^-$

✓ $H_3O^+, NH_4^+, H_2S, H_2O$
(B) $H_2O, NH_3, HS^-, OH^-$
(C) $H_3O^+, NH_3, HS^-, H_2O$
(D) $H_2O, NH_4^+, H_2S, OH^-$
(E) Answer not known
164. The interaction of biotic potential with environmental resources, as seen in populations showing the S-shaped growth curve, as:

\[ \frac{dN}{dt} = rN(N - K)/K \]

where \( N \) is the number of individuals in the population, \( t \) is the time, \( r \) is the biotic potential of the organism concerned and \( K \) stands for:

(A) Carrying capacity
(B) Maximum population size
(C) Particular habitat
(D) Biomass
(E) Answer not known
165. Consider the following statements:

Assertion [A]: Simorgh (phoenix) launched two satellites.

Reason [R]: It is a satellite carrier rocket

Now select your answer scheme given below:

(A) Both are true

(B) Both are false

(C) [A] is false and [R] is true

(D) [A] is true and [R] is false

(E) Answer not known
166. Virtual G20 digital Economy Ministers Summit 2020 was organised by

(A) Saudi Arabia
(B) Iran
(C) Iraq
(D) Kuwait
(E) Answer not known

167. Where is the largest solar power project of India located?

(A) Rajasthan
(B) Karnátaka
(C) Andhra Pradesh
(D) Gujarat
(E) Answer not known
168. Justice D. Murugesan Committee has been constituted in 2021 to look into the matter of

(A) Reservation for Government school students in Tamil Nadu Police Service

(B) Reservation in Public Sector Units

(C) Enrolment ratio of Government School students in Professional Courses

(D) NEET Examination

(E) Answer not known
169. Read the following passage and answer the item that follow. Your answers to this item should be based on this passage only

**PASSAGE**

Education management information system has been brought online wherein the database of every school, teacher and students in Government, Government aided and private schools are maintained on real time basis. Using this information several tasks are automated, simplified and reported everyday.

Which one of the following is best implied in the passage?
(A) Government has control over school
(B) It helps government in taking well informed policy decision
(C) Different stakeholders are involved in the system
(D) It is beneficial to the school authorities and students
(E) Answer not known

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169. படிகங்கள் காண்டு முடியலாம்; வேறுபாடுகள் நிறுவப்பட்டுள்ளன. பண்பாடு மற்றும் ஆய்வுகளை தோற்றுவிசை நூற்றாண்டுகளுக்குப் பின் பேர்கள் வழிபட்டுள்ளன. இதன் அடிப்படையில் பல்வேறு வட்டங்கள் பல்வேறு செவ்வகமாக நிறுவப்படுகின்றன. பல்வேறு வட்டங்களின் பல்வேறு செவ்வகமாக நிறுவப்படுகின்றன. பல்வேறு வட்டங்களுக்கு பல்வேறு வட்டங்களுக்கு செவ்வகமாக நிறுவப்பட்டுள்ளன. பல்வேறு வட்டங்கள் பல்வேறு வட்டங்களுக்கு செவ்வகமாக நிறுவப்படுகின்றன.

குறிப்பிட்டல்களைப் புதிய விளக்கானது என்பது என்பது?
(A) பல்வேறு வட்டங்களுக்கு செவ்வகமாக
(B) வேறுபாடுகளை பதிவு செய்ய வேண்டும் செவ்வகமாக
(C) பல்வேறு வட்டங்கள் பதிவு செய்ய வேண்டும்
(D) பல்வேறு வட்டங்களுக்கு செவ்வகமாக நிறுவப்படுகின்றன
(E) குறிப்பிட்டல்களை விளக்கம்

75
170. Choose the correct answer

Given the situation due to COVID-19, the net borrowing ceiling of the states were enhanced to ________ of GSDP in 2021.

(A) 4 percent    (B) 3.5 percent
(C) 5 percent    (D) 6 percent
(E) Answer not known

171. Which article of the Constitution states that the state to secure a social order for the promotion of welfare of the people?

(A) Article 38    (B) Article 39
(C) Article 37    (D) Article 36
(E) Answer not known
172. Which of the following is/are true?

(i) Reformation may be identified with partial changes in the value system and consequential changes in the quality of relationships.

(ii) Transformative changes are characterized with radical changes in the total system

(A) (i) only
(B) (ii) only
(C) (i) and (ii)
(D) None of the above
(E) Answer not known

173. According to the Niti Aayog’s health index (2021), ______, ______ and ______ emerged as the top three states in India.

(A) Uttar Pradesh, Assam and Punjab
(B) Kerala, Tamil Nadu and Telangana
(C) Andhra Pradesh, Maharashtra and Gujarat
(D) Punjab, Karnataka and Haryana
(E) Answer not known
174. Arrange the following territorial conquests of Alauddin Khilji in the correct chronological order.

I. Ranthambor
II. Malwa
III. Chittor
IV. Gujarat

(A) IV, I, III, II    (B) I, III, IV, II
(C) I, II, III, IV    (D) IV, III, II, I
(E) Answer not known

175. Name the first woman who have been jailed for Salt Satyagraha in Madras Presidency?

(A) Rukmini Lakshmipathi
(B) Durgabai
(C) Satyawati
(D) Swaroop Rani
(E) Answer not known
176. According to the Kural; “Gnalam Karuthinum kaikoodum” when a man wants to conquer the world what are the two things he should keep in mind?

(i) Wealth and Bravery/courage
(ii) Time and Place

(A) (i) only
(B) (ii) only
(C) (i) and (ii)
(D) None of the above
(E) Answer not known

“குரால் கருதினும் காகூடம்” -

சற்று விடும் திகழ்கிறோம்பல் குடை வந்த முறுக்கையில் கருதியும் குருதியும் அவை கேள் முன்பிரு அவியும் வெற்றியும் வேறு பார்க்கும்;

(i) வெற்றியும் விளைய
(ii) கருதியும் முறுக்கையும்

(A) (i) வெற்றியும்
(B) (ii) வெற்றியும்
(C) (i) வெற்றியும் (ii)
(D) இருக்கும் வெற்றியும் கருதியும்
(E) விளைய விளையாட்டின்
177. “Thirukkural and Kamban’s Epic would suffice to build a new civilization even if the present one is completely erased”. Who said this?

(A) Caldwell
(B) G.U. Pope
(C) Veeramamunivar
(D) Ellis
(E) Answer not known

178. During the ‘Later Chola period’, ‘Irayili’ was associated with

(A) Tax free land
(B) Taxed land
(C) Tax levied on temple land
(D) Tax levied on leasing land
(E) Answer not known
179. Consider the following statements:

(i) The partition of Bengal in 1905 was the most striking example of the British divide and rule policy.
(ii) In the Calcutta meeting 1905 Surendranath Banerjee gave a call for the boycott of British goods and institutions.
(iii) On 7th August 1905 at Town Hall meeting in Calcutta, a formal proclamation of Swadeshi movement was made.

Which of the statements given above is/are correct?

(A) (i) only             (B) (i) and (iii) only
(C) (i) and (ii) only   (D) (i), (ii) and (iii) are correct
(E) Answer not known

180. Second Round Table conference of 1931:

1. It was held during the reign of Lord Wellington as the viceroy of India.
2. It was represented by Gandhi on behalf of INC (Indian National Congress).

Which of the above statement is/are correct?

(A) 1 only correct       (B) 2 only correct
(C) Both 1 and 2 correct (D) Neither 1 nor 2
(E) Answer not known
181. Alluvial soil is rich in
(A) Humus, Phosphoric acid, Lime and Organic matter
(B) Iron, Lime, Calcium, Potash, Aluminium and Magnesium Carbonates
(C) Iron and Aluminium
(D) Highly Saline and rich in organic matter
(E) Answer not known

182. Assertion (A) : V.O. Chidamabaram established the Swadeshi Steam navigation company.
Reason (R) : He wanted to oppose the monopoly of the British in Navigation through the coast.

(A) (A) and (R) are true and (R) is the correct explanation of (A)
(B) (A) and (R) are true and (R) is not the correct explanation of (A)
(C) (A) is correct and (R) is wrong
(D) (A) is wrong and (R) is correct
(E) Answer not known
183. Chapter V of Part V of the constitution provides for a high officer of the Parliament who would exercise vigilance over the expenditure of public money. He is ————.

(A) Comptroller and Auditor General of India
(B) Finance Minister
(C) Auditor General
(D) Prime Minister
(E) Answer not known

184. Which article says that, “No child below the age of 14 years shall be employed to work in any factory or in any hazardous employment”?

(A) Article 27
(B) Article 26
(C) Article 24
(D) Article 25
(E) Answer not known

185. Boothalingam study group is related to

(A) Trade unions
(B) Strikes
(C) Lockouts
(D) Wages
(E) Answer not known

စာမျက်နှာများအားလုံးများကို ပြင်ဆင်ခြင်း အဖြေအဖြေများ သတိပြုမည်ဖြစ်သည်။

(A) ပေါင်းစည်းပြသား (B) တာဝန်ထမ်း (C) ပြန်လည်ပို့ (D) တာဝန်ထမ်း (E) သို့မဟုတ်ခြင်း
186. Which of the following is not the role of NITI Aayog?

(i) Act as a think tank.
(ii) Power to impose policies on states.
(iii) Funds allocation.

(A) (i) only  (B) (i) and (ii)
(C) (ii) and (iii)  (D) (i) and (iii)
(E) Answer not known

187. Principles of scientific thinking are

(i) Empiricism
(ii) Rationalism
(iii) Skepticism

(A) (i) only  (B) (ii) only
(C) (i) and (ii) only  (D) (i), (ii) and (iii)
(E) Answer not known
188. How many terms of the series $1^3 + 2^3 + 3^3 + \ldots$ should be taken to get the sum 1296?

(A) 6  
(B) 7  
(C) 8  
(D) 9  
(E) Answer not known

1$^3 + 2^3 + 3^3 + \ldots$ என்ற கூட்டானது எத்தான 3$^3$கள் கூட்டாக கிளையாக கைத்தான 1296 என்பது?

(A) 6  
(B) 7  
(C) 8  
(D) 9  
(E) என்றால் கோதுமையாக

189. Find the value of $\sqrt{3\sqrt{3\sqrt{3\ldots}}}$

(A) 3$^1$  
(B) 3$^2$  
(C) 3$^3$  
(D) 3$^4$  
(E) Answer not known

மின்றால் கோன்ற : $\sqrt{3\sqrt{3\sqrt{3\ldots}}}$

(A) 3$^1$  
(B) 3$^2$  
(C) 3$^3$  
(D) 3$^4$  
(E) என்றால் கோதுமையாக
190. The average mark of 25 students was found to be 78.4. Later on, it was found that score of 96 was misread as 69. Find the correct mean of the marks.

(A) 77.32
(B) 79.48
(C) 79.84
(D) 97.84
(E) Answer not known
191. If 5 persons can do 5 jobs in 5 days then how many days will it take for 50 persons to finish 50 jobs?

(A) 5   (B) 7  
(C) 9   (D) 11  
(E) Answer not known

192. A reader reads 20 pages of a book in 2 hours in an uniform speed. How much time will it take to read 50 pages of the same book in the same speed?

(A) 3 hours  
(B) 4 hours  
(C) 5 hours  
(D) 4½ hours  
(E) Answer not known
193. The difference between the S.I. and C.I. for 2 years for a principal of ₹ 5,000 at the rate of interest 8% p.a. is

(A) ₹ 32
(B) ₹ 35
(C) ₹ 38
(D) ₹ 42
(E) Answer not known

₹ 5,000-க்கு, 8% வடிவில் வாங்கி, 2 ஆண்டுகளுக்கு வந்து வந்து விளைவு விளையாட்டில்லை

(A) ₹ 32
(B) ₹ 35
(C) ₹ 38
(D) ₹ 42
(E) விளையாட்டில்லை

194. The compound interest on ₹ 5,000 at 12% p.a. for 2 years compounded annually is

(A) ₹ 1,072
(B) ₹ 1,172
(C) ₹ 1,272
(D) ₹ 1,372
(E) Answer not known

₹ 5,000-க்கு 12% வடிவில் வாங்கி, 2 ஆண்டுகளுக்கு வந்து வந்து விளைவு விளையாட்டில்லை

(A) ₹ 1,072
(B) ₹ 1,172
(C) ₹ 1,272
(D) ₹ 1,372
(E) விளையாட்டில்லை
195. At what rate of simple interest, the principle ₹ 48,000 will amount to ₹ 55,560 in 2 years 3 months.

(A) 5%
(B) 6%
(C) 7%
(D) 8%
(E) Answer not known

196. Find the ratio of 3 km to 300 m?

(A) 3 : 10
(B) 10 : 3
(C) 1 : 10
(D) 10 : 1
(E) Answer not known
197. If the population in town has increased from 20,000 to 25,000 in a year find the percentage increase in population

(A) 50%
(B) 25%
(C) 75%
(D) 100%
(E) Answer not known

198. If three candidates A, B and C in a school election got 153, 245 and 102 votes respectively, find the percentage of votes got by the winner?

(A) 48%
(B) 49%
(C) 50%
(D) 55%
(E) Answer not known
199. HCF and LCM of two numbers are 16 and 240 respectively. If one of the number is 48, then the other number is

(A) 80
(B) 60
(C) 70
(D) 90
(E) Answer not known

200. Wilson, Mathan, Guna can complete one round of a circular track in 10, 15 and 20 minutes respectively. If they start together at 7 am from the starting point at what time will they meet together again at the starting point?

(A) 8 am
(B) 8 pm
(C) 5 pm
(D) 9 am
(E) Answer not known
SPACE FOR ROUGH WORK
<table>
<thead>
<tr>
<th>விளக்கர் ஆண்டுக்குட்பட்டவர்கள் (பண்டை வந்துள்ள குழு)</th>
<th>பண்டை வந்துள்ள குழு அறிவியல் (பல்லவரிசை வழியா)</th>
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<tbody>
<tr>
<td>விளக்கர் விளக்கர் பக்தியார் - A (பண்டை அறிவியல்)</td>
<td>பக்தியார் - A - அறிவியல் (பண்டை அறிவியல்) செடிக்கைப் போற்ற பண்டை வந்துள்ள குழு அறிவியல் (பல்லவரிசை வழியா)</td>
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