GENERAL ENGLISH WITH GENERAL STUDIES

2019

Time Allowed: 3 Hours] CCSE-IV – MODEL - I [Maximum Marks : 300

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

IMPORTANT INSTRUCTIONS

1. This Booklet has a cover (this page) which should not be opened till the invigilator gives signal to open it at the commencement of the examination. As soon as the signal is received you should tear the right side of the booklet cover carefully to open the booklet. Then proceed to answer the questions.

2. This Question Booklet contains 200 questions. Prior to attempting to answer the candidates are requested to check whether all the questions are there in series without any omission and ensure there are no blank pages in the question booklet. In case any defect in the Question Paper is noticed it shall be reported to the Invigilator within first 10 minutes.

3. Answer all questions. All 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 Invigilator to mark the answers.

6. You will also encode your Register Number, Subject Code, Question Booklet SL No. etc. with Blue or Black Ball point pen in the space provided on the side 2 of the Answer Sheet. If you do not encode properly or fail to encode the above information, action will be taken as per commission's notification.

7. Each question comprises four responses (A), (B), (C) and (D). You are to select ONLY ONE correct response and mark in your Answer Sheet. In case, you feel that there are more than one correct response, mark the response which you consider the best. In any case, choose ONLY ONE response for each question. Your total marks will depend on the number of correct responses marked by you in the Answer Sheet.

8. In the Answer Sheet there are four circles for each question. To answer the questions you are to mark with Blue or Black ink Ball point pen ONLY ONE circle of your choice for each question. Select one response for each question in the Question Booklet and mark in the Answer Sheet. If you mark more than one answer for one question, the answer will be treated as wrong. E.g. If for any item, B is the correct answer, you have to mark as follows: A   B   C   D

9. 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 Hall during the examination. After the examination is concluded, 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.

10. The sheet before the last page of the Question Booklet can be used for Rough Work.

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

12. For Question No. 101 to 200 in all matters and in cases of doubt, the English Version is final.

13. Do not tick-mark or mark the answers in the Question booklet.

TAMIL VERSION OF INSTRUCTIONS IS PROVIDED ON THE BACK COVER OF THIS BOOKLET
1) Third duty according to Gopala Krishna Gokhale is  
   a) Duty to government  
   b) Duty to teachers  
   c) Duty to ourselves  
   d) Duty to society  

2) I go to Madurai by ___ vaigai Express  
   a) a  
   b) an  
   c) the  
   d) No article  

3) What saruli was thinking when she gripped with fear  
   a) About pine trees  
   b) About the storm  
   c) About the contractors  
   d) Barren hillside across the valley  

4) I must go to see___ old teacher  
   a) A  
   b) an  
   c) the  
   d) No article  

5) Earlier in his career Paulnack served as ___ to conductors like Sir Charles Groves and Kurt Masur  
   a) Guitarist  
   b) Violinist  
   c) Rehearsal Pianist  
   d) None of the above  

6) Salim Ali received Padma Vibushan in the year  
   a) 1958  
   b) 1976  
   c) 1998  
   d) 1972  

7) Gokhale was hailed as the political guru of ___  
   a) Subash Chandra Bose  
   b) Bala Gangadhar Tilak  
   c) Jawaharlal Nehru  
   d) Mahatma Gandhi  

8) Kalpana Chawla first mission on ___  
   a) STS 107  
   b) STS 87  
   c) STS 108  
   d) STS 82  

9) ___ is the privilege of the rich  
   a) Educated  
   b) Profession  
   c) Poor  
   d) Romance  

10) Select the correct Adjective form of History  
    A) Historically  
    b) Historical  
    c) Histrionics  
    d) Histrionic  

11) Antonym of Weary  
    a) Jaded  
    b) Fresh  
    c) dull  
    d) Wearisome  

12) Waiting for a bus is a ___experience  
    a) Kills  
    b) kill  
    c) Killing  
    d) is killing  

13) Prasanna had a good ___ for stage plays  
    a) Trup  
    b) Troop  
    c) trupe  
    d) troupe  

14) The wood floats in waters. Spot the error  
    a) The  
    b) woods  
    c) floats  
    d) in waters  

15) They have waited here for four hours  
    a) Simple  
    b) Negative  
    c) complex  
    d) Compound  

16) The first Asian composer to score a symphony for the royal philharmonic Orchestra is  
    a) Naushad  
    b) Ustad Bade Ali Khan  
    c) A R Rahman  
    d) Illayaraja
17) Which one of the following is not related to the lesson Music The Hope Raiser
   a) Music is a basic need of human survival  b) Music is one of the ways we make sense of our lives
   c) Music is a luxury and lavish thing  d) Music is not an extravaganza or a hobby

18) ___ palm tree is generally very tall
   a) A  b) an  c) the  d) No article

19) Try ___ as many languages as possible
   a) Learn  b) to learn  c) learnt  d) learning

20) Noun form of intention
   a) Intension  b) intent  c) intensity  d) intention

21) Select the odd one out
   a) Tiger  b) lion  c) Hen  d) leopard

22) My shoes needed. Select the suitable participle
   a) Mend  b) mended  c) mending  d) being mended

23) Gokhale’s speech about the duties of the student suits students of
   a) Pre-school  b) All times  c) College  d) Primary School

24) Retired colonel lost his temper and his digestion in ___
   a) Sri Lanka  b) India  c) Russia  d) France

25) Plural form of elf
   a) Elves  b) Elves  c) Elfs  d) None of these

26) Who asked about the removed resin tins to the childrens playing around the trees
   a) Diwan Singh  b) Forest Officer  c) Lal Singh  d) Village People

27) Lal singh used ___ tool to remove the mud plaster applied by the Childrens
   a) Knife  b) Axe  c) Chisel  d) Spade

28) Prefix of merit
   A) Re  b) di  c) de  d) dis

29) Kanmani longs ___ my friendship
   a) For  b) from  c) by  d) of

30) She seems haughty
   a) SVC  b) SVO  c) SVOA  d) SVA

31) Select the suffix for Priest
   a) Hood  b) ship  c) en  d) er

32) Give the synonym for Trickling
   a) Dripping  b) crawling  c) Gushing  d) Pouring

33) Radhika Sang well
   a) Can she  b) does she  c) didn’t she  d) is she
34) Rain falls from the cloud
   a) Past continuous  b) Future continuous  c) Simple present  d) Present continuous

35) During the speech Gokhale conducted the proverb of
   a) The path of duty is a way to god  b) The path of duty is a way to success
   c) The path of duty is a way to glory  d) The path of duty is a way to achieve a goal

36) Which is like a ship cruising on the high seas without any aim or direction
   a) Nation without a vision  b) Nation without a source
   c) Nation without a powerful leader  d) Nation without a money

37) The first vision seeded around ___ was for India to become politically independent
   a) 1859  b) 1857  c) 1855  d) 1853

38) The second generation has put India strongly on the path of ___ development
   a) Agricultural  b) Economic  c) Technology  d) All the above

39) The teacher has no control ___ the students
   a) Over  b) on  c) with  d) at

40) Envy is ignorance and imitation is suicide these are the words of
   a) Robert Frost  b) Khalik Gibran  c) F Joanna  d) Ralph Waldo Emerson

41) Give the meaning for the phrase Nestled up
   a) To pay a lot of attention to something or somebody
   b) To sit or lie down in a warm and protected place
   c) Rely on
   d) Make mush of things of no importance

42) Give the meaning for the phrase to cash in on
   a) To tell what is the thought  b) A very slim chance
   c) To take advantage  d) Very well behaved

43) Volcanic+ ash =
   a) Volash  b) Vash  c) Volcash  d) Voash

44) Find out the blending word for bash
   a) Bat + mash  b) Battle + Slash  c) Bat + smash  d) Battle + Mash

45) Find out the appropriate comparative degree for the following sentence
   This is the best response
   a) This and that are better responses  b) This response is better than that
   c) This is a good response  d) This is a better response than any other

46) Chile is larger than any other places in the world
   a) Superlative degree  b) Comparative degree
   c) Positive degree  d) None of these
47) Identify the incorrect sentence from the following
   a) Apples are not so sweet as Mangoes  b) Mangoes are sweeter than Apples
   c) Japanese are the industrious people in the world  d) Gold is costlier than silver

48) Rest on one's laurels means
   a) Stop keeping further success  b) Have a good rest and sleep
   c) Have no rest at all  d) Not to let anyone take rest

49) Vision for the nation book was written in
   a) 1990  b) 1992  c) 1995  d) 1998

50) The first step in the road to success, according to Edwin C Bliss, is to
   a) Believe that success is not a bed of roses  b) Steer clear of pitfalls
   c) Set yourself clear goals  d) Start devoting time and energy

51) The last man in the Local Team was not given LBW because the umpire is his
   a) Friend  b) father or Dad  c) Teacher  d) Uncle

52) The Monolith looks like an elephant in which direction
   a) Northeast  b) Southeast  c) North west  d) Southwest

53) Where is Yanai Malai located
   a) In the south eastern outskirts of Madurai  b) In the north eastern outskirts of Madurai
   c) In the south western outskirts of Madurai  d) In the north western outskirts of Madurai

54) Which among the buy trade centre
   a) Tibet  b) Nepal  c) Munisiyari  d) Kumaon

55) Length and height of Nandhi in Brihadeeswara Temple
   a) 13 and 16 feet  b) 18 and 21 feet  c) 16 and 13 feet  d) 24 and 22 feet

56) What is the other name of Rajaraja Chola I
   a) Arulmozhi varman  b) Samudra Varman
   c) Suriya Narayana Varman  d) Pugazhendhi Varman

57) How the temple was built as per ancient tenets
   a) By Vaastu Shastras and Agamas  b) By Culture
   c) Only by Vaastu Shastras  d) Only by Agamas

58) How many tonnes of granite used to built the Brihadeeswara temple
   a) 1,38,000  b) 1,40,000  c) 1,30,000  d) 1,25,000

59) Identify the one with incorrect spelling
   a) Plough- plow  b) Cheque- check  c) Theatre- Theater  d) Skilful- Skilfull

60) Storm in American English
   a) Cyclone  b) Tempest  c) Typhoon  d) Hurricane

61) American word for Nativity scene is
   a) Penitentiary  b) Attorney  c) Creche  d) Detour
62) American English equivalent for Juggernaut
   a) Jug      b) 18-wheeler   c) can      d) trash
63) American English for Promenade is
   a) Stroll    b) Amble       c) Wander   d) Broad walk
64) British equivalent for Pet peeve
   a) Pet hate  b) pat         c) fondle   d) pet sleeve
65) American word for Pram
   a) Baby Carriage  b) Buggies  c) Baby stroller   d) Carry cots
66) Give the meaning of Sleazy
   a) Lazy      b) Dirty        c) tight hold d) belief
67) Give the antonym of purge
   a) Purify     b) beautify    c) taint     d) defile
68) Give the suffix for Verb
   a) Ouse       b) ose         c) ise      d) im
69) Martin likes badminton, but he doesn’t often get ___ chance to play
   a) A         b) an          c) the      d) no article
70) Cows live ___ grass
   a) In         b) on          c) at       d) of
71) No one is wicked
   a) Is he      b) are they    c) isn’t they d) is they
72) Mass space travel ___ (become) possible..
   a) Will become b) will soon become c) is becoming d) is going to become
73) Have you seen the recent Hollywood films?
   a) Past perfect b) Simple past  c) Present Perfect d) Simple present
74) Kings in the past fought with one another ___ their territories. Fill up the blanks with suitable infinitive
   a) Expanding   b) expand       c) to expand d) expanded
75) The police could trace the culprit soon. Identify the sentence pattern
   a) VSO        b) SVVOO       c) SVO     d) SVOA
76) The flesh of Kangaroo sells very ___
   a) Dour       b) deer        c) dear    d) doer
77) The progress of science had made our lives highly enjoyable. It has replaced the manual labour as machines do most of the work. Examples: grinding, washing etc.
   Machines to ___ of the work
   a) Much       b) Many        c) More    d) Most
78) Select the correct sentence
   a) Daniel need to go to the store  b) Daniel need go to the store
   c) Daniel needs to go to the store  d) Daniel need to go to the stores

79) Find out the verb
   a) Radiation   b) Radiator    c) Radical   d) Radiate

80) Change the verb to adverb Relate
   a) Relatively   b) Relatingly   c) related   d) Relatefully

81) This is not the house to live in
   a) Negative   b) Simple   c) Complex   d) Compound

82) Black + exploitation = ?
   a) Blaotation   b) Blaxploitation   c) Balxtation   d) Blaxion

83) Abraham Lincoln worked hard for the unity of
   a) Northern States   b) Southern states   c) Northern and Southern States   d) None

84) Kalpana Chawla’s Planetarium Situated in
   a) Jyotisar, Kurukshehra   b) Madurai, Tamilnadu
   c) Chittoor, Andhra Pradesh   d) Kochi, kerala

85) To whom the job was given to attack Jhansi
   a) General Lord Cunning   b) General Lord Wellesley
   c) General Lord Mount Batten   d) General Lord Huge Rose

86) Which year the American Civil war held between northern and southern stats of USA
   a) 1859   b) 1858   c) 1891   d) 1860

87) How much percentage of population was lost during the II nd world war
   a) 15-20%   b) 25-30%   c) 35-40%   d) 40-45%

88) Thomas Hardy belongs to
   a) France   b) Africa   c) UK   d) USA

89) But he’s locked in a concrete cell
   His strength behind bars
   These lines occur in
   a) With a friend   b) Two friends   c) A Tiger in the zoo   d) Earth

90) Nick name of Sunil Gavaskar is
   a) Turbanator   b) Flying Fish   c) Prince of Mumbaid   d) Little master

91) Walker’s fifth novel Two rival livers are published in the year of
   a) 1884   b) 1885   c) 1880   d) 1881

92) The criticism by Wilde ‘ the decay of living’ comes in the year of
   a) 1889   b) 1890   c) 1888   d) 1887

93) Which year the V K Gokak was awarded the Padmashree by the Gol
   a) 1963   b) 1959   c) 1961   d) 1967
94) Coloured turban or ribbon on heads used in the folk art
   a) Villupattu  b) Oyillattam  c) Thappattam  d) Puravi Attam

95) Never accept defeat quoted by
   a) Eric Hoffer  b) Stewaro  c) George Patton  d) Ambani

96) There is no power in the tongue of man said by
   a) Duke  b) Portia  c) Antonio  d) Shylock

97) The wild duck to our lakes flying a distance of __ km over the Himalayas
   a) 3000 to 4000  b) 3500 to 5000  c) 3200 to 4800  d) 2400 to 3200

98) A great English poet who cannot see is
   a) John Milton  b) Charles Dickinson  c) Robert Frost  d) Blake

99) Performance today is a
   a) Public Television Program  b) Private Television Program
   c) Private Radio Program  d) Public Radio Program

100) Paulnack why music matters has been translated into __ languages
    a) Five  b) Seven  c) Six  d) Ten

101) Which Indian personality has been honoured with the highest award of Republic of
      Guinea “National order of Merit”?  
        A) Rajnath Singh  B) Ram Nath Kovind
        C) Narendra Modi  D) Subrahmanyam Jaishankar

    நாங்கள் கொண்டிருந்து ‘National order of Merit’ செய்தியை முக்கியமான விளைவுகள்
    செய்திகளையும்?
        A. முன்னெச்சரித்திரி  B. முன்னெச்சரித்திரி  C. முடிந்த மீது  D. தமிழகவும் தமிழகம்

102) The Nuclear fission of $^{235}_{92}U$ is accompanied by the release of
    A. 2 Neutrons and 100 million Electron Volt Energy
    B. 2 Neutrons and 200 million Electron Volt Energy
    C. 3 Neutrons and 200 million Electron Volt Energy
    D. 3 Neutrons and 100 million Electron Volt Energy

    $^{235}_{92}U$ அடையாளம் போலிப் விளைப்பு விளைப்பு விளைப்பு விளைப்பு
    காணப்பட்டது?
        A. 2 முற்றுவர்களும் பெரும்படியிருந்து 200 மில்லியன் வெளிப்புறம் முற்றுவர்
        B. 2 முற்றுவர்களும் பெரும்படியிருந்து 200 மில்லியன் வெளிப்புறம் முற்றுவர்
        C. 3 முற்றுவர்களும் பெரும்படியிருந்து 200 மில்லியன் வெளிப்புறம் முற்றுவர்
        D. 3 முற்றுவர்களும் பெரும்படியிருந்து 100 மில்லியன் வெளிப்புறம் முற்றுவர்

103) Consider the statements regarding Gupta’s age and choose the correct answer:
    1. The Allahabad Pillar inscription provides a detailed account of Chandra Gupta II
    3. Samudra Gupta issued gold coin and silver coin with the legend restorer of the
       Aswamedha
    4. Chandra Gupta II called himself Vikramaditya
    a. 2, 3 and 4  b. 1, 2 and 3  c. 1, 3, and 4  d. All are correct

    விளையாடுவது விளையாடுவது விளையாடுவது விளையாடுவது.
        a. சாமுட்ரா விளையாடுவது விளையாடுவது விளையாடுவது விளையாடுவது.
104) Which of the following statement is not correct?
(A) Mohenjodaro means mound of the Dead  (B) Indus valley people used burnt bricks  
(C) Indus valley civilization was a rural one  (D) Sir John Marshall is related to Indus valley Civilization

105) Among the total fresh water available, the share of groundwater is
a. 1/3  b. ½  c. ¼  d. 1/5

106) Which metals does not affect atmospheric environment?
(a) Lead  b. Mercury  c. Arsenic  d. Chlorine

107) The International Day of democracy was observed on
a. 4th October  b. 10th September  c. 15th September  d. 10th October

108) Arrange the following period in chronological order :
I. Chauri Chaura Incident.  
II. Non-Cooperation movement.  
III. Quit India movement.  
IV. Dandi March
(A) II, I, IV and III  (B) III, IV, I and II  (C) II, IV, I and III  (D) II, III, IV and I

109) Which of the following are correctly matched?
I. Hero of Vaikom  -  E.V Ramasamy  
II. Self - Respect movement  -  T.M. Nair  
III. Dravida Kazhagam  -  Salem Conference  
IV. South Indian liberal federation  -  Justice party
(A) I and II are correct  (B) III and IV are correct  
(C) I and III are correct  (D) I, III and IV are correct

IV. Indian social, political and cultural movements?
I. Dalit Movement  -  C. Deshmukh  
II. Thimayya Movement  -  E. V Ramasamy  
III. Women's Movement  -  J. Jayalalitha  
IV. Freedom Movement  -  R. Gopalakrishnan
(A) I  b. II  c. III  d. IV
(C) I  b. II  c. III  d. IV
110) The slant height of a conical mountain is 2.5 km and the area of its base is 1.54 km². The height of the mountain is
A) 2.2 km  B) 2.4 km  C) 3 km  D) 3.11 km

111) How much quantity of water must be added to 48ml of Alcohol to make a solution that contain 25% Alcohol?
A) 48  B) 64  C) 144  D) 192

112) A is thrice as good as workman as B and able to finish a job in 60 days less than B working together they will do it in?
A) 20  B) 22 \(\frac{1}{2} \)  C) 25  D) 30

113) Ramesh is facing North. He turns 135° in the anti clock wise direction and then 180° in the clockwise direction which direction is he facing now?
A) North East  B) North West  C) South East  D) South West

114) The study of cancer is known as

115) Match the following- choose the correct one :
(a) 7th Amendment  (b) 12th Amendment  (c) 14th Amendment  (d) 15th Amendment
1. Increasing the age of retirement of high court judges from 60 to 62  
2. Including Pondicherry as a union territory  
3. Reorganisation of states  
4. Including Goa as a union territory

(A) 3 4 2 1  
(B) 1 2 3 4  
(C) 4 3 2 1  
(D) 2 3 1 4
116) If the area of an equilateral triangle is $4\sqrt{3} \text{ m}^2$, then its perimeter is
(a) 16m  
(b) 12m  
(c) 18m  
(d) 9m

117) Consider the following statements regarding Chatrapathi Shivaji
1. Shivaji ransacked the Mugal’s port Surat in 1664 A.D
2. In 1665, treaty of Purandhar was signed between Shivaji and Jaisingh
3. In 1674, Shivaji himself made title Chatrapathi at Rajigah.
4. Astapradhan, the group of eight ministers who assist Chatrapathi Shivaji.
Choose the correct option
A. 1, 3, and 4   
B. 1, 2, and 4   
C. All are correct   
D. 1 only

118) Arrange in Chronological order:
1. The First Battle of Tarain  
2. Arab Conquest of Sind  
3. Somnath expedition of Mahumud of Ghazni  
4. Establishment of Slave dynasty rule in Delhi
(a) 2, 3, 1, 4   
(b) 1, 2, 3, 4   
(c) 3, 2, 1, 4   
(d) 4, 1, 3, 2

119) $\sqrt[3]{1 - \frac{127}{343}} = ?$
(A) $\frac{5}{9}$  
(B) $\frac{6}{7}$  
(C) $\frac{4}{7}$  
(D) $\frac{5}{7}$

120) A rectangle measures 8 cm on length its diagonal measures 10 cm. What is the perimeter of the rectangle?
(A) 36  
(B) 38  
(C) 28  
(D) 18

121) The Simple Interest on a sum for 5 years is one fourth of the sum. The rate of interest per annum is?
(A) 5%  
(B) 6%  
(C) 4%  
(D) 8%
122) \(24, 6, 18, 9, 36, 9, 24, ?\)
A) 24  
B) 12  
C) 8  
D) 6  

123) Which one of the following Article deals with the Hindi as official language
(A) Article 356  
(B) Article 370  
(C) Article 360  
(D) Article 343  

124) Match the following Commissions and their purpose and give correct answer by selecting the options given below:

<table>
<thead>
<tr>
<th>Commission</th>
<th>Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) Kalelkar Commission</td>
<td>1. Gandhi Murder case</td>
</tr>
<tr>
<td>(b) Kapur Commission</td>
<td>2. Centre-State relations</td>
</tr>
<tr>
<td>(c) Sarkaria Commission</td>
<td>3. 1984, Anti-Sikh riots</td>
</tr>
<tr>
<td>(d) Nanavathi Commission</td>
<td>4. Backward Class Commission</td>
</tr>
</tbody>
</table>

125) Which causes the blood cancer?
- a. Benzene
- b. Methane
- c. Carbon Monoxide
- d. Plastic

126) The first country allowed to women to vote is
- a. India
- b. Sweden
- c. UK
- d. News Zealand

127) \(p + q = 10\) and \(pq = 5\) then \(\frac{p}{q} + \frac{q}{p}\) = ?
A) 22  
B) 18  
C) 16  
D) 20  

\(p + q = 10\) and \(pq = 5\) then \(\frac{p}{q} + \frac{q}{p}\) = ?
B) 22  
C) 16  
D) 20
128) Under which case the Supreme Court of India held that the preamble is the part of the constitution?
(A) Golaknath Case  (B) Kesavananda Bharat Case
(C) Minerva Mill Case  (D) Subbarao Case

129) The power OR Authority to interpret And apply law is known as

130) When was Agricultural Price Commission setup?
(a) 1950  (b) 1955  (c) 1965  (d) 1975

131) Match the following

<table>
<thead>
<tr>
<th>List – I</th>
<th>List – II Duration of Revolution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planet</td>
<td>A   B   C   D</td>
</tr>
<tr>
<td>A. Mercury</td>
<td>1. 687 days</td>
</tr>
<tr>
<td>B. Venus</td>
<td>2. 87.97 days</td>
</tr>
<tr>
<td>C. Earth</td>
<td>3. 224.7 days</td>
</tr>
<tr>
<td>D. Mars</td>
<td>4. 365 ¼ days</td>
</tr>
</tbody>
</table>

132) When was National Agricultural Insurance Scheme introduced?
(a) 1979-1980  (b) 1989-1990  (c) 1999-2000  (d) 2009-2010

133) Consider the following statements:
A. 'Operation flood' was a programme for women empowerment.
B. Under this programme rural women involved in dairy Development.
(a) Only A is correct  (b) A and B are correct
(c) Only B is correct  (d) Both A and B are wrong

134) Tea worth Rs.126 per kg and Rs.135 per kg are mixed with a third variety in the ratio 1 : 1 : 2 if the mixture is worth Rs.153 per kg the price of the third variety per kg will be?
A) 169.5  B) 170  C) 175.5  D) 180
135) The average height of 10 students in a class is 105 cm if 20 more students with an average height of 120 cm join the class what will be the new average height?

A) 105  B) 110  C) 112  D) 115

136) If the radius of a circle is increased by 10% then percentage of increase of its area is

A) 17  B) 21  C) 12  D) 15

137) Which constitutional amendment recognises the languages Dogri, Bodo, Maithili and Santhali?

(A) 87th amendment  (B) 88th amendment
(C) 90th amendment  (D) 92nd amendment

138) The Lokpal Bill was first introduced in the Lok Sabha in which year?

(A) 1968  (B) 1967  (C) 1965  (D) 1964

139) Consider the statement and reason, choose the correct answer from the codes given below

Statement (A) : Tamilaham is in the tropical region and for the major part of the year the weather is warm. People wore suitable dress. The excellent texture of the clothes has been commented upon by the poets of Sangam age.

Reason (R) : Rich ladies of Sangam age are stated to have worn 'Kalingam' which was a famous variety of fine cotton.

(A) Both (A) and (R) are correct. (R) is the correct explanation of (A)
(B) Both (A) and (R) are correct. (R) is not the correct explanation of (A)
(C) (A) is correct but (R) is wrong
(D) (A) is wrong but (R) is correct
140) Consider the following statements:
   Assertion (A) : After the completion of the third five year plan ‘Plan Holiday’ was given.
   Reason (R) : The third five year plan was affected by India - China war and India – Pakistan wars.

Select your answer according to the coding scheme given below:
A. Both (A) and (R) are false  B. (A) is false and (R) is true
B. (A) is true and (R) is false  D. Both (A) and (R) are true

141) Match the following:
   b. National Social Assistance Programme  2. 1993 B. 4 3 1 2
   c. Employment Assurance Scheme  3. 1999 C. 3 4 2 1
   d. Pradhanmantri Gramoddaya Yojana  4. 1995 D. 2 3 1 4

142) In Tamil Nadu Sanctuary for Peacock is located at
   (A) Madurai  (B) Puthukottai  (C) Viralimalai  (D) Tanjore

(A) A  (B) B  (C) C  (D) D

143) ISRO has decided to setup Space Situational Awareness Control Centre in which city?
   (A) Kochin  (B) Bangaluru  (C) Hyderabad  (D) Raipur

(A) A  (B) C  (C) B  (D) D

144) Which state government has launched Mission Shakti sports initiative?
   A) Gujarat  B) Maharashtra  C) Madhya Pradesh  D) Jharkhand

(A) A  (B) B  (C) C  (D) D

145) Which zone of Indian railways has introduced a new Biometric Token System?
   A) North Western Railway  B) Western Railways
   C) East Central Railway  D) South Western Railway
146) Which organization has announced Vikram Sarabhai Journalism Award?
A) ISRO  B) DRDO  C) VSSC  D) BARC

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

<table>
<thead>
<tr>
<th>List I</th>
<th>List II</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Sarva Shiksha Abhiyan (SSA)</td>
<td>1. 1995</td>
</tr>
<tr>
<td>B. Right to Education (RTE)</td>
<td>2. 1961</td>
</tr>
<tr>
<td>C. National Council for Teacher Education (NCTE)</td>
<td>3. 2001</td>
</tr>
<tr>
<td>D. National Council of Educational Research and Training (NCERT)</td>
<td>4. 2002</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>List I</th>
<th>List II</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Kala Easwari Amma</td>
<td>a. 3</td>
</tr>
<tr>
<td>B. Kalam Salim Khan</td>
<td>b. 2</td>
</tr>
<tr>
<td>C. NCTE</td>
<td>c. 2</td>
</tr>
<tr>
<td>D. NCERT</td>
<td>d. 4</td>
</tr>
</tbody>
</table>

148) The cause of Dengue fever is
a. Bacteria  b. Flavi virus  c. Wucheria  d. culex

149) In which part of the world Mixed Farming is practiced?
   a. Developing Regions of the world
   b. Highly developed Regions of the world
   c. Under developed Regions of the world
   d. Desert Regions of the world

150) The earth crust is separated from the Mantle by a layer of discontinuity called as

151) Choose incorrectly matched.
   A. Green Revolution – Agricultural crops
   B. White Revolution – Milk and Milk products
   C. Grey Revolution – Oil seeds
   D. Golden revolution - Horticulture
152) Match List I and List II:

<table>
<thead>
<tr>
<th>List I</th>
<th>List II</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crop</td>
<td>Producer</td>
</tr>
<tr>
<td>a. Tea</td>
<td>1. Gujarat</td>
</tr>
<tr>
<td>b. Rice</td>
<td>2. Kerala</td>
</tr>
<tr>
<td>c. Tobacco</td>
<td>3. Assam</td>
</tr>
<tr>
<td>d. Rubber</td>
<td>4. West Bengal</td>
</tr>
</tbody>
</table>

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

153) Ram’s son’s age is \(\frac{1}{3}\) of Ram’s wife age is \(\frac{4}{5}\) of Ram’s age and Ram’s age is \(\frac{3}{5}\) of Ram’s father’s age. Find the age of the son of Ram if Ram’s father is 50 years old?

A) 8   B) 10   C) 12   D) 6

154) The Average of \(1^2, 2^2, \ldots, 10^2\) is

A) 46.5   B) 50.5   C) 38.5   D) 42.5

\(1^2, 2^2, \ldots, 10^2\) – யின் வர்க்கத்தொகை?

A) 46.5   B) 50.5   C) 38.5   D) 42.5

155) Match List I & II select correct answer using the codes given below:

<table>
<thead>
<tr>
<th>List – I</th>
<th>List – II</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Bleaching powder</td>
<td>1. Insecticide</td>
</tr>
<tr>
<td>b. Plaster of paris</td>
<td>2. Disinfectant</td>
</tr>
<tr>
<td>c. DDT</td>
<td>3. Purification of drinking water</td>
</tr>
<tr>
<td>d. Potash alum</td>
<td>4. Plastering the fractured bone</td>
</tr>
</tbody>
</table>

a   b   c   d

a. 1  2  4  3
b. 2  4  1  3
c. 3  1  2  4
d. 4  3  2  1
156) Who introduced the electronic theory of acids and bases?
(A) Arrhenius  (B) Franklin  (C) Lewis  (D) Bronsted

157) If y% of 1 hour is 1 minute 12 second, then y is equal to
A) 2  B) 1  C) $\frac{1}{2}$  D) $\frac{1}{4}$

158)
<table>
<thead>
<tr>
<th></th>
<th>5</th>
<th>9</th>
<th>15</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>29</td>
<td>?</td>
<td></td>
</tr>
<tr>
<td>49</td>
<td>89</td>
<td>147</td>
<td></td>
</tr>
</tbody>
</table>
A) 45  B) 48  C) 51  D) 54

159) If the area of circle inscribed in a square is $9\pi$ cm$^2$ find the area of the square?
A) 24 cm$^2$  B) 30 cm$^2$  C) 36 cm$^2$  D) 81 cm$^2$

160) Which of the following is greater?
$\sqrt{2}$, $\sqrt[3]{3}$, $\sqrt[4]{4}$, $\sqrt[6]{6}$
A) $\sqrt{2}$  B) $\sqrt[3]{3}$  C) $\sqrt[4]{4}$  D) $\sqrt[6]{6}$

161) $\frac{137 \times 137 + 137 \times 133 + 133 \times 133}{137 \times 137 - 137 \times 133 - 133 \times 133} = ?$
A) 4  B) 270  C) $\frac{1}{4}$  D) $\frac{1}{270}$

162) $a : b : c = 3 : 4 : 7$, $(a+b+c) : c$
A) 2 : 1  B) 14 : 3  C) 7 : 2  D) 1 : 2

163) What is the theme of the 2019 edition of 22nd National Conference on – Governance?
A) Technology for accelerating Development  B) Digital Connectivity to the last mile
C) Digital Transformation  D) Digital India: Success to Excellence
164) Who is the author of the book “War over Words: Censorship in India, 1930 – 1960”?  
A) Rohinton Mistry  B) Devika Sethi  C) Amitav Ghosh  D) Sudeep Nagarkar

‘War over Words : Censorship in India, 1930 – 1960’ என்ற புகழை எவர் எழுதியுள்ளார்?  
A) ரோக்தின் மிய்ஸ்டிரி  B) ஦ேவிகா சேதி  C) அமிதவா விஷாத்  D) ஸ்யூடிப் ராகார்கார்

165) The first – ever Himalayan states’ conclave is slated to be held in which state?  

“பேராசிரியர்களின் வீட்டுச்சேரி என்ற பதிப்பின் ஹாலிம்யான் ராணுவங்கள் அரண்மனை தொடரும் செயல்கள்” என்று மொழிபெயர்வு தொடங்கியது என்று எதிர்பார்வையாளர்கள் வாழ்க்கை எதிர்பார்வையாளர்கள்
A) மேக்சாலயா  B) ஹிமாங்கல் பிரசடம்  C) உட்காளத் பிரசடம்  D) ஜாம்மா புகையுண்டாய் ராணுவங்கள்

166) Which state has become the first Indian state to have water policy?  
A) Meghalaya  B) Tamil Nadu  C) Rajasthan  D) Himachal Pradesh

சிறந்த நூர்ப்பப்பு (Water Policy) என்ற பதிப்பில் எதிர்பார்வையாளர்கள் வாழ்க்கை எதிர்பார்வையாளர்கள்
A) மேக்சாலயா  B) தமிழ்நாடு  C) ராஜஸ்தான்  D) ஹிமாங்கல் பிரசடம்

167) Chandrayaan – 2 will explore & perform studies on which region of Moon?  
A) North Pole  B) West Pole  C) South Pole  D) East Pole

சாந்திரயான – 2 என்று ஒன்றாக்கமும் பல்கர் நடத்தும் சுயமான் எதிர்பார்வையாளர்கள்
A) நூற்ற சூரியன்  B) வேஸ்ட் பொலீ  C) சென்ற பொலீ  D) எஸ்ட் பொலீ

168) The product of two numbers is 4107 if the HCF of the numbers is 37 the greatest number is  
A) 185  B) 111  C) 107  D) 101

இரண்டு எண்களின் கூட்டம் 4107 என்று எதிர்பார்வையாளர்கள் எதிர்பார்வையாளர்கள்
A) 185  B) 111  C) 107  D) 101

169) Which article of the Indian Constitution says that the President shall be elected by the members of an electoral college?  
(A) Art.52  (B) Art.53  (C) Art.54  (D) Art.55

இந்திய நூற்றாண்டு விசாராண்டிகள் எதிர்பார்வையாளர்கள் வாழ்க்கை எதிர்பார்வையாளர்கள் எதிர்பார்வையாளர்கள்
A) ஐந்து.52  B) ஐந்து.53  C) ஐந்து.54  D) ஐந்து.55

170) How many members are elected to the Rajya Sabha?  
(A) 245  (B) 238  (C) 545  (D) 250

கராண்டாவை எதிர்பார்வையாளர்கள் எதிர்பார்வையாளர்கள் எதிர்பார்வையாளர்கள்
A) 245  B) 238  C) 545  D) 250

171) Who appoints the state election commissioner?  
(A) Chief Minister  (B) President  (C) Governor  (D) High Court Chief Judge

எதிர்பார்வையாளர்கள் எதிர்பார்வையாளர்கள் எதிர்பார்வையாளர்கள் எதிர்பார்வையாளர்கள்
(A) முதலாம் வாழ்க்கை எதிர்பார்வையாளர்கள்  (B) சென்றாம் வாழ்க்கை எதிர்பார்வையாளர்கள்
(C) வேண்டும் வாழ்க்கை எதிர்பார்வையாளர்கள்  (D) பதில் எதிர்பார்வையாளர்கள் வாழ்க்கை எதிர்பார்வையாளர்கள்
172) The proper remedy in case of violation of Human Rights is
(A) to avail compensation by filing civil suits
(B) to avail compensation by filing writs
(C) to file public interest litigation
(D) to prosecute the perpetrators

173) Which of the following is incorrectly paired?
(A) Dowry Prohibition Act - 1961
(B) Special Marriage Act - 1954
(C) Divorce Act - 1869
(D) Prohibition of Child Marriage Act - 2000

174) Match the following:
(a) David Wilkie
(b) Padma Subramaniyam
(c) Abdul Walid Khan
(d) Auguste Rodin

1. Dance
2. Music
3. Sculpture
4. Painting

175) Match the international organization and year of foundation and choose the correct answer from the codes given below:

<table>
<thead>
<tr>
<th>Organisation</th>
<th>Year</th>
<th>(a)</th>
<th>(b)</th>
<th>(c)</th>
<th>(d)</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) UNO</td>
<td>1948</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b) UNESCO</td>
<td>1995</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c) WHO</td>
<td>1945</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d) WTO</td>
<td>1946</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
176) Consider the following pairs:
I. X rays - Rutherford  II. Atomic Nucleus - Roentgen III. Artificial radioactivity-Curie and Juliet
Which of the pair given above is/are correct?
(A) I only  (B) II and III only  (C) I and II only  (D) III only

177) The physical basis of life is

178) The cell theory was formulated by

179) Smooth Endoplasmic Reticulum (SER) synthetises

180) Match the following:

<table>
<thead>
<tr>
<th>Technology</th>
<th>Scientific Principles</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Aeroplane</td>
<td>1. Newton’s Law (A) 1 3 2 4</td>
</tr>
<tr>
<td>2. Air Balloon</td>
<td>2. Bernoulli’s Principle (B) 3 1 4 2</td>
</tr>
<tr>
<td>3. Rocket</td>
<td>3. Law of thermodynamics (C) 4 2 3 1</td>
</tr>
<tr>
<td>4. Steam Engine</td>
<td>4. Buoyant Force (D) 2 4 1 3</td>
</tr>
</tbody>
</table>

181) Match List I with List II:

<table>
<thead>
<tr>
<th>List I</th>
<th>List II</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) Colulomb’s Law</td>
<td>1. Magnetic flux</td>
</tr>
<tr>
<td>(b) Gauss Law</td>
<td>2. Magnetic force</td>
</tr>
<tr>
<td>(c) Lorentz’s Law</td>
<td>3. Electric flux</td>
</tr>
<tr>
<td>(d) Faraday’s Law</td>
<td>4. Electrostatic force</td>
</tr>
</tbody>
</table>

(A) 3 4 1 2  (B) 2 1 4 3  (C) 4 3 2 1  (D) 1 2 3 4
182) Arrange the following in the increasing order of their penetration powers
I. Alpha rays  II. Beta particles  III. Gamma rays
(A) I – II – III  (B) II – I – III  (C) II – III – I  (D) III – II – I

183) The cell organelle which conducts intra-cellular impulses

184) 13 : 19 :: 127 : ?
A) 151  B) 167  C) 181  D) 201

185) AMV, FQX, KVZ, ?
A) PYB  B) OXA  C) NYB  D) MYB

186) The price of sugar is reduced by 20% enables a person to buy 500g more sugar for Rs.36. The original price of the sugar per kilogram was
A) 14.40  B) 18  C) 15.60  D) 16.50

187) What is the India’s rank in the Global Innovation Index (GII) 2019?
A) 64th  B) 52nd  C) 45th  D) 33rd

188) Mohammad bin Tughlaq shifted his capital from Delhi to Daulatabad for the following reasons.
I. It is equidistant from Delhi and it is easy to administrate.
II. Safe from Mongol Invasion
III. It has a strategic value
IV. He want to expand his empire to the South.
(A) I, III and IV are correct  (B) I, II and IV are correct
(C) I, II, III and IV are correct  (D) I, II and III are correct
189) Which one of the following is/are correct?
I. Akbar’s tomb (Sikkandara) was completed by Shahjahan.
II. Agra Fort is situated on the banks of River Ganges.
III. Moti Masjid was built by Akbar.

A. I only
B. I, II and IV
C. I, II, III
D. III only

190) The 5th International Dharma–Dhamma conference was held in which city?
A) Dharamshala  B) Patna  C) Rajigir  D) Shimla

191) The term “Operation Swift Retort” is related to
a. India’s action against Pakistan Air force
b. Pakistan’s Retaliatory action against Indian Air Force
c. Operation against Northeast insurgent
d. Operation against Kashmir militants’ group

192) Match the following and choose the correct option:
(a) Flute  1. Ali Akbar Khan
(b) Tabla  2. Nishat Khan
(c) Sitar  3. Zakir Hussain
(d) Sarod  4. Rajendra Prasanna

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

KALAM ACADEMY NO.186, PAPER MILLS ROAD, THIRU.VEE.KA.NAGAR, CHENNAI PH–9500142441
193) Match List I with List II the following with suitable options.

<table>
<thead>
<tr>
<th>List I</th>
<th>List II</th>
<th>(a)</th>
<th>(b)</th>
<th>(c)</th>
<th>(d)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) Rukmani Devi</td>
<td>1. Manipuri</td>
<td>(A) 1</td>
<td>3</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>(b) Shobha Naidu</td>
<td>2. Kathak</td>
<td>(B) 1</td>
<td>4</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>(c) Sadhna Bose</td>
<td>3. Bharatanatyam</td>
<td>(C) 3</td>
<td>4</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>(d) Damyanti Joshi</td>
<td>4. Kuchipudi</td>
<td>(D) 3</td>
<td>1</td>
<td>2</td>
<td>4</td>
</tr>
</tbody>
</table>

(a) Brady V. | (b) L. | (c) R. | (d) S.

194) Match List I & List II correctly and select your answer using the codes given below:

<table>
<thead>
<tr>
<th>List – I</th>
<th>List – II</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Citric acid</td>
<td>1. Stomach juices</td>
<td>a. 3</td>
<td>1</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>B. Tartaric acid</td>
<td>2. Tea</td>
<td>b. 2</td>
<td>3</td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td>C. Hydrochloric Acid</td>
<td>3. Lemon juice</td>
<td>c. 1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>D. Tannic Acid</td>
<td>4. Grapes</td>
<td>d. 3</td>
<td>4</td>
<td>1</td>
<td>2</td>
</tr>
</tbody>
</table>

(a) 3 | 1 | 2 | 4 |
| (b) 4 | 3 | 1 | 2 |
| (c) 1 | 2 | 3 | 4 |
| (d) 3 | 4 | 1 | 2 |

195) Match List I with List II and select the correct answer by using the codes given below:

<table>
<thead>
<tr>
<th>List I (Organisations)</th>
<th>List II (Head Quarters)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) International Atomic Energy Agency</td>
<td>1. Rome</td>
</tr>
<tr>
<td>(b) United Nations High Commissioner for Refugees</td>
<td>2. Paris</td>
</tr>
<tr>
<td>(c) World Food Programme</td>
<td>3. Vienna</td>
</tr>
<tr>
<td>(d) International Finance Corporation</td>
<td>4. Geneva</td>
</tr>
<tr>
<td></td>
<td>5. Washington</td>
</tr>
</tbody>
</table>
196) **Match the following A with B.**

<table>
<thead>
<tr>
<th>(a)</th>
<th>(b)</th>
<th>(c)</th>
<th>(d)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(A)</td>
<td>3</td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td>(B)</td>
<td>3</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>(C)</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>(D)</td>
<td>1</td>
<td>5</td>
<td>3</td>
</tr>
</tbody>
</table>

**196) Match the following A with B.**

<table>
<thead>
<tr>
<th>(A)</th>
<th>(b)</th>
<th>(c)</th>
<th>(d)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) Surat Split</td>
<td>1. 1927</td>
<td>(A)</td>
<td>1</td>
</tr>
<tr>
<td>(b) August Declaration</td>
<td>2. 1923</td>
<td>(B)</td>
<td>4</td>
</tr>
<tr>
<td>(c) The Swaraja Party</td>
<td>3. 1917</td>
<td>(C)</td>
<td>3</td>
</tr>
<tr>
<td>(d) Formation of Simon Commission</td>
<td>4. 1907</td>
<td>(D)</td>
<td>2</td>
</tr>
</tbody>
</table>

197) **Who was known as the Father of Library movement in Tamil Nadu?**

(A) Thiru. T.K. Avinashilingam  
(B) Thiru. M.P. Periyasamy  
(C) Thiru. M. Bhaktavatsalam  
(D) Thiru. Muthiah Chettiar

**197) Who was known as the Father of Library movement in Tamil Nadu?**

(A) Thiru. T.K. Avinashilingam  
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(C) Thiru. M. Bhaktavatsalam  
(D) Thiru. Muthiah Chettiar
198) Which one of the following is correctly matched?
(A) Amartya Sen - Received Nobel Prize in 1999
(B) Mother Teresa - Received Nobel Peace Prize in 1980
(C) Hargobind Khorana - Received Nobel Prize in 1968
(D) Rabindranath Tagore - Received Nobel Prize in 1911

199) Ayushman Bharat Diwas is observed on?
a. April 28   b. April 29   c. April 30   d. May 01

200) Consider the following statements
(A) Dr. V.A. Smith had called an Ethnological Museum for there is a great variety of racial types.
(B) India is well-known as a land of great varieties. Because, there is a great variety of racial types.

Of these:
a. A is correct B is wrong   b. B is correct A is wrong
c. Both A and B are correct   d. Both A and B are wrong

*** ALL THE VERY BEST ***