1. What are the characteristics of “rote learning”?

(i) Does not allow the learner to associate himself / herself with the surroundings.

(ii) Infuses rigidity in the thinking process.

(iii) Allows the learner to dynamically adapt to the changes in the surroundings.

(iv) Improves the questioning ability.

[A] (iii) only     [B] (i) only
[C] (i), (ii) and (iv) only     [D] (i) and (ii) only

போர்க்களில் கூறுவதற்கு போர்பிப்புள்ள பக்தம்?

(i) கும்பியாக தவறான குழுப்பை நூற்றாண்டுகளுக்குள் போர்ப்புள்ள அர்ப்பிப்பு விளக்கம்.

(ii) பொறிக்கை போர்ப்பு விளக்கம் தருவதனும் பொறிக்கை விளக்கம்

(iii) கும்பியாக குழுக்களின் தவறாட்டு விளக்கப்பட்டுள்ளது மாறு போர்ப்பு விளக்கம்

(iv) முகுந்த போர்க்கள் கூறுவதற்கு அரோக்கிகள்

[A] (iii) மட்டும்     [B] (i) மட்டும்
[C] (i), (ii) மட்டும் (iv) மட்டும்     [D] (i) மட்டும் (ii) மட்டும்
2. Which one of the following is the best anti-dote to superstitious beliefs?

[A] Scientific Knowledge.
[B] Scientific temper.
[C] Untested and un-proven knowledge.
[D] Strong faith in the long held ideas.

3. What are the characteristics of “Scientific temper”?

(i) Questioning others’ ideas irrespective of their social position.
(ii) Analyzing others’ opinions.
(iii) Applying logic.
(iv) In view of others’ social position, accepting their ideas without questioning or analyzing them.

[A] (i) and (ii) only  
[B] (ii) and (iii) only  
[C] (iv) only  
[D] (i), (ii) and (iii) only
4. The reason behind the spectacular brilliance of diamonds and twinkling of stars is:

[A] Total internal reflection  [B] Total external reflection
[C] Partial reflection  [D] None of the above
5. **Assertion (A):** Some sea turtles (loggerhead turtles) return to their birth beach many decades after they were born to nest and lay eggs.

**Reason (R):** The turtles can perceive variations in magnetic parameters of Earth which memory helps them in returning to their homeland.

[A] (A) is true, (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).
6. If a single nail pricks our body, it is very painful. How it is possible for the people to lie down on a bed of nails and still remain unhurt?

[A] Because the area of contact is the same.

[B] Because the area of contact is less.

[C] Because the area of contact is more.

[D] None of the above.

7. When you go for a ride in a merry-go-round in amusement parks, you will experience an outward pull as merry-go-round rotates about the vertical axis. The reason for this is:

[A] Centrifugal force

[B] Centripetal force

[C] Straight line force

[D] Circular force
8. The element which is a constituent of chlorophyll and gives green colour to the leaf of plant is:

[A] Sodium  [B] Copper  
[C] Potassium  [D] Magnesium

9. Silver metal is a white lustrous metal. Over a period of time silver articles becomes black - Why?

[A] Carbon dioxide gas in atmosphere reacts with silver to form a black coating.
[B] Hydrogen sulphide gas preserved in atmosphere reacts with silver to form a black coating.
[C] Silver reacts with moisture to form black coating.
[D] Silver reacts with nitrogen to form silver nitride, which is black.
10. Which of the antibody that provides early diagnosis of Dengue and the virus which causes Dengue is called:

[A] IgM and Flavivirius  [B] IgG and Flavivirius
[C] IgM and Togavirius  [D] IgM and Alphavirius

11. Under which category Pencillium does come?

[C] Protozoa  [D] Bacteria

12. Which disease is transmitted through saliva and respiratory droplets?

[C] Flu  [D] Small pox
13. Which one of the following is considered as Chemical messengers.

[A] Enzymes  [B] Vitamins

14. Imagine the following hypothetical situation:

(i) Putting together all the plants of the plant kingdom on the Earth.
(ii) Putting together all the animals of the animal kingdom on the Earth.

Thereafter weighing (i) and (ii) separately

[A] (i) and (ii) are of same weight.
[B] (i) is heavier than (ii)
[C] (ii) is heavier than (i)
[D] None of the above
15. The largest reservoir of phosphorous in the biosphere is

[C] Ocean  [D] Animal body

16) Recently we read in newspapers about the GM crops. What is the full form of GM?

[C] Green and Moistorous.

17) The Nobel Prize (2019) for Economics has been awarded to Dr. Abhijit Banerjee and two others for their experimental approach to:

[A] Eradicate black money.
[B] Strengthen the International Monetary Fund (IMF).
[C] Eradicate gender bias at work place.
[D] Alleviate global poverty.
The Tamil film “Asuran” is based on the acclaimed novel “Vekkai”.

The author of the novel “Vekkai” is:

[A] Su. Venkatesan
[B] Konangi
[C] Poomani
[D] Choodamani

The telephone number allotted for 24 hour “Women Helpline” in Tamil Nadu for immediate and Emergency response to women affected by violence is:

[A] 108
[B] 181
[C] 888
[D] 208
According to “The Sexual Harassment of Women at workplace (Prevention, Prohibition and Redressal) Act 2013”, sexual harassment includes:

(i) Physical contact
(ii) Making sexually coloured remarks
(iii) Demanding sexual favours
(iv) Showing pornography

Which of the above is/are true?

[A] (i) only
[B] (i) and (ii) only
[C] (ii) and (iii) only
[D] All the above
21) Which one of the following is not the aim of ‘Digital India’?

[A] Paperless governance
[B] Person less governance
[C] Encouraging intermediaries
[D] Cashless governance

22) The port of India which has quick access to Suez Canal is:

[A] Mumbai
[B] Kochi
[C] Chennai
[D] Kolkata
Which State is called the “Fruit Bowl”? 
(A) Punjab  
(B) Himachal Pradesh  
(C) Meghalaya  
(D) Karnataka 

24) Under which category of roads does the Zojila-Kargil road of India fall? 
(A) National Highway  
(B) International Highway  
(C) Border Road  
(D) State Highway
25) "Rupay Card services" were launched by:

(A) National Payments Corporation of India.
(B) Reserve Bank of India.
(C) NITI Aayog.
(D) None of the above.

"டூப்பு உண்மை பணவருடன்" பார்வை செய் படுத்தப்பட்டது?

(A) சுருக்கமாக நிறைவு செய்யப் படத்.
(B) சுருக்கமாக காட்சியாக.
(C) ஆன்டியா டெய்ப்பா.
(D) மற்றை தொடர்பில்லை.

26) Which of the following is incorrectly paired?

(A) NEFT – National Electronic Funds Transfer.
(B) IFSC – Indian Financial System Code.
(C) RTGS – Real Time Gross Settlement System.
(D) ECS – Emergency Clearing System.

‘யுனைவெல் பார்வை செய் செய்யப் படுத்தப்பட்டது?

(A) NEFT – நிறைவு செய்யப் படத் பார்வை.
(B) IFSC – சுருக்கநான் அகமப்பு செய்யில்.
(C) RTGS – யுனைவெல் பார்வை செய்யப் படத் அகமப்பு.
(D) ECS – ஆன்டியா டெய்ப்பா செய்ய.

27) Who was the Chairman of Indian Space Research Organisation (ISRO) at the time of launch of Chandrayaan-I?

(A) Dr. Mayilsamy Annadurai
(B) Dr. K. Sivan
(C) Dr. G. Madhavan Nair
(D) Dr. K. Radhakrishnan
28) With which of the following is Arunachalam Muruganantham, an Inventor and Social Entrepreneur associated with?

(A) Low cost electrical motor vehicle.
(B) Non-stop water motor.
(C) Low cost sanitary napkin.
(D) Highly efficient solar batteries.

29) The Union Government is making efforts to connect the unconnected parts of the country. What is the name of the airport opened at Sikkim in the year 2018 as a part of such efforts?

(A) Bagdogra
(B) Pakyong
(C) Hubli
(D) Belagavi
The “Green-Gold” Mission of Government of India is associated with the promotion of which one of the following?

[A] Herbal Plants
[B] Green Vegetables
[C] Bamboo
[D] Green Corps

In human races, which race is said to constitute “white people”?

[A] Australoid Race
[B] Caucasoid Race
[C] Mongoloid Race
[D] Negroid Race
32) **The largest tribal group in India is**:  
[A] Nagas  
[B] Todas  
[C] Santhals  
[D] Gonds

33) **Identify the place in Tamil Nadu where Mangrove forest is absent**:  
A) Pitchavaram  
B) Kodiakkarai  
C) Vedaranyam  
D) Mamallapuram
34) Which of the following is responsible for the continental climate of North India?

A) Vertical rays from the Sun.
B) Slanting rays from the Sun.
C) Its location away from seas.
D) Its location on the plains.

35) The fast flowing river mouths have this landform:

A) Delta
B) Estuary
C) Alluvial Fan
D) Meander
36) With which of the following countries does India share the longest border?

[A] Myanmar
[B] Bangladesh
[C] Pakistan
[D] Nepal

37) Where does the river Kaveri break into two channels viz. Coleroon and Kaveri?

[A] Mukkombu
[B] Thiruverumbur
[C] Thiruvanaikkaval
[D] Thuraiyur
38) The new entity after the merger of Air India and Indian Airlines is called:

[A] National Aviation Company Ltd.,
[B] National Aviation Corporation of India Ltd.,
[C] National Airways Company Ltd.,
[D] Indian Airways Corporation.

39) Which of the following statement/s is/are true in respect of Solar Eclipse:

(i) It occurs on New Moon days, when the moon is between the Sun and the Earth. Thus, the Moon obscures a part of the Sun viewed from the Earth.

(ii) It occurs when the mythological 'Rahu' swallows the Sun.

[A] (i) only
[B] (ii) only.
[C] Both (i) and (ii)
[D] None of the above.
Which one of the following is not a precautionary measure that we should take before a cyclone?

A) Going to high-lying areas from low-lying areas.
B) Jewels and documents to be kept in safe custody.
C) Those residing in old buildings should remain there.
D) Battery-operated radio, torch lights, lamps, kerosene, match box should be kept safely for use.
41. Identify the metal which was used to make the dancing girl figurine of Harappan culture in Indus Valley civilization from the list given below?

[A] Bronze  [B] Brass  
[C] Gold  [D] Iron

42. Why is India called an “Ethnological Museum”? 

[A] People of India belong to different genetic race.  
[B] People of India speak different languages.  
[C] India has different land forms.  
[D] People of India follow different religious.
43. Which among the following was the most important source of subsistence for the Harappans?

[A] Agriculture  [B] Pottery  
[C] Craft production  [D] Trade

44. In the ‘Darasuram’ temple built by Rajaraja-II, incidents from which one of the following literatures are depicted in the form of miniatures in the walls of its sanctum sanctorum?

[C] Periyapuranam  [D] Kandhapuranam
45. Which factor/s led to the emergence of towns in the Gangetic plains?

(i) Agricultural surplus
(ii) Growth of crafts.
(iii) Growth of trade.
(iv) Growing population.

[A] (i) only  [B] (i) and (ii) only
[C] (ii) and (iii) only  [D] All the above.

என்று மாணிப்பில் முக்கிய காரணங்கள் உண்டாய் கண்டுபிடித்தார்கள்/அல்லது உள்ளார்?

(i) குழலான வாழ்க்கை
(ii) வள்ளி கிளைந்து வளர்ச்சி
(iii) வணிகத் துறுவு வளர்ச்சி
(iv) பாராளையம்பக்து மக்கள் வளர்ச்சி

[A] (i) மட்டும்  [B] (i) மட்டும் (ii) மட்டும்
[C] (ii) மட்டும் (iii) மட்டும்  [D] மேற்குறிக்கு அனைத்தும்
46. Jaina influence is strong in early Tamil literature. Which one of the following is not a jaina work?

[A] Naaladiyar  
[B] Pazhamozhi  
[C] Jivakachinthamani  
[D] Manimekalai

47. Which one of the following is not correct about Buddha?

[A] He did not mention about God.  
[B] His teachings are full of descriptions about God.  
[C] He did not accept inequality based on one’s birth.  
[D] He neither accepted nor denied the existence of God.
48. The rock cut shrines at Ellora and Elephanta belong to the period of:

[A] Rashtrakutas  [B] Palas
[C] Sathavahanas  [D] Chalukyas

49. Who built the world famous "khajuraho" temples?

[C] Rashtrakutas  [D] Bahmini Sultans
50. To which period the great literary works of “Kamba Ramayanam” and “Periyapuranam” belong?

[A] Chalukyas  [B] Vijayanagar Empire  
[C] Later Cholas  [D] Pandyas

51. Who hailed the Pandiyan kingdom as the richest and the most splendid province in the world?

[C] Hiuen-Tsang  [D] Fa-Hien
52. Which one of the following Governors of Madras presidency gave attention to education and regarded any expenditure on it as an investment for whom a statue was erected at Chennai in 1839 by public subscription?

[A] John Erskine  
[B] James Thompson  
[C] Thomas Manro  
[D] Arthur Havelock

53. Use of animal forms in pilasters and columns including rampant horses and leogryphs give a distinctive character to which one of the following architecture?

[A] The Dravidian style.  
[C] The Orissan style.  
[D] The Harappan style.
54. (i) The sound system in this language is rich in retroflex components.
(ii) Its varied vowels distinguish it from other languages.

Which language system is described in the above statements?

[A] Dravidian languages.
[B] Pali language.
[C] Prakrit language.
[D] Sanskrit language.

(i) கிட்டம் விளக்கியில் குறி அடர்ப்பில் வல்லுவையில் குற்று விளக்கில் காலம்ப்பியல்.
(ii) சிறுது பாலி விளக்கில் பராமரிக்கில் புர விளக்கில் தேதியில் காணப்படும்.

முதலில் குற்று உட்சோட்ட புரி விளக்கில் புரி விளக்கில் ?

[A] கிருட்டி விளக்கில்
[B] பரநி விளக்கில்
[C] பிரார்த்திக விளக்கில்
[D] சம்யகிக விளக்கில்
55. **Assertion** [A]: Majority of people developed interest in Bhakti literature.

**Reason** [R]: Bhakti Saints composed their verses in the language best understood by the people whom they taught.

(A) [A] is true, but [R] is false.
(B) Both [A] & [R] are true; and [R] is the correct explanation of [A].
(C) [A] is false, but [R] is true.
(D) Both [A] and [R] are true, but [R] is not the correct explanation of [A].

56. **Why do we need Constitution ?**

(i) To restrict the exercise of power by the Modern State.
(ii) To get membership in the United Nations Organisation.
(iii) To check the tyranny of majoritarianism.

From the above, select the correct answer:

[A] (i) and (ii) only
[B] (ii) only
[C] (i) and (iii) only
[D] (iii) only
57) Which article makes special provisions for the State of Nagaland?

[A] Article 371-A
[B] Article 371-B
[C] Article 371-C
[D] Article 371-D

58) By which amendment the Tamil Nadu Reservation Act of 1994 was included in the 9th Schedule of the Constitution of India?

(A) 76th Amendment
(B) 78th Amendment
(C) 77th Amendment
(D) 79th Amendment
59) Match the following:

a) Family Courts Act 1) 1976
b) Equal Remuneration Act 2) 1987
c) Indecent Representation of Women (Prohibition) Act 3) 1984
d) Legal Services Authorities Act 4) 1986

(a)  b)  c)  d)
(A) 1  2  3  4
(B) 4  1  2  3
(C) 3  1  4  2
(D) 1  3  2  4
60) Match the following:

| a) 86th Constitutional Amendment Act | 1) Made elementary education a fundamental right. |
| b) 92nd Constitutional Amendment Act | 2) Included four more languages in the 8th Schedule. |
| c) 76th Constitutional Amendment Act | 3) Included the Tamil Nadu Reservation Act of 1994 in 9th Schedule. |
| 4) 66th Constitutional Amendment Act | 4) Included all Land reforms Acts of States in 9th Schedule. |

\[
\begin{array}{cccc}
\text{a)} & \text{b)} & \text{c)} & \text{d)} \\
\text{(A)} & 1 & 2 & 3 & 4 \\
\text{(B)} & 2 & 4 & 4 & 1 \\
\text{(C)} & 3 & 1 & 4 & 2 \\
\text{(D)} & 4 & 3 & 2 & 1 \\
\end{array}
\]

60) மாதிரி தின்நிலை பொருள்கள்: 

| a) 86 வது ஆர்வசும் சட்ட ரீதியாகத்து | 1) மதுக்காக கூட்டார பிற்கு அமைப்பு விளைவு கொள்கையுடன். |
| b) 92 வது ஆர்வசும் சட்ட ரீதியாகத்து | 2) வாலப்பகுதியில் பிரதானமான பாதுகாப்பு விளைவு கொள்கையுடன். |
| c) 76 வது ஆர்வசும் சட்ட ரீதியாகத்து | 3) 1994 ஆண்டு தமிழ்மார் வீரியில் முறுக்காவது அமைப்பு விளைவு கொள்கையுடன். |
| d) 66 வது ஆர்வசும் சட்ட ரீதியாகத்து | 4) மக்களவுக்காக அவசரமான பிரதானமான சட்ட விளைவு கொள்கையுடன் அமைப்பு விளைவு கொள்கையுடன். |

\[
\begin{array}{cccc}
\text{a)} & \text{b)} & \text{c)} & \text{d)} \\
\text{(A)} & 1 & 2 & 3 & 4 \\
\text{(B)} & 2 & 4 & 4 & 1 \\
\text{(C)} & 3 & 1 & 4 & 2 \\
\text{(D)} & 4 & 3 & 2 & 1 \\
\end{array}
\]
61) By which amendment the “Right to property” was removed from the fundamental rights?

(A) 44th Amendment
(B) 32nd Amendment
(C) 43rd Amendment
(D) 42nd Amendment

62) The idea of secularism in the Indian Constitution prevents:

(i) Domination of one religion over others.
(ii) Domination of some members on other members of the same religion.
(iii) Enforcement of any particular religion by the State.

Which statement given above is / are correct?

[A] (i) only
[B] (ii) only
[C] (i) and (iii) only
[D] (i), (ii) and (iii)
63) Which of the British official is behind the award of “Panchami lands” in the then Madras Presidency?

(A) Ash
(B) Tremancre
(C) Robert Clive
(D) Arthur Cotton

64) Who was the Prime Minister of India when the government implemented the recommendations of the Mandal Commission paving way for the reservation of 27% of the posts under the Government of India for the Other Backward Classes?

[A] Mr. Rajiv Gandhi
[B] Mr. Moraji Desai
[C] Mr. V.P. Singh
[D] Mr. Chandrasekar
65) “Political democracy cannot last unless there lies at the base of it social democracy which means a way of life which recognizes Liberty, Equality and Fraternity as the principles of life”. Who said this?

(A) Pt. Jawaharlal Nehru
(B) Periyar E.V. Ramasamy
(C) Dr. B.R. Ambedkar
(D) Dr. Rajendra Prasad

66. Which feature of the Indian Constitution stipulates that it shall be the duty of every citizen of India to develop the scientific temper, humanism, the spirit of inquiry and reform?

(A) Fundamental Duties.
(B) Fundamental Rights.
(C) Directive Principles of State Policy.
(D) Preamble
67) i) In the subjects enumerated in the “concurrent list”, both the Union and the States can legislate.

ii) In the event of contradictions between the Union and States, the State’s authority will prevail.

Which of the above statement/s is / are true ?

A) (i) only
B) (ii) only
C) Both (i) and (ii).
D) None of the above.

68) Which of the following is not included in the concurrent list of the Constitution of India ?

(A) Education
(B) Forest
(C) Police
(D) Trade Unions
69) Who among the following headed the committee established by the government of Tamil Nadu to analyse and provide recommendations for restructuring the Centre – State relations?

(A) Dr. A. Lakshmanasamy
(B) Justice P.V. Rajamannar
(C) Dr. P. Chandra Reddy
(D) Justice R.S. Sarkaria

70) In which of the following cases, the Supreme Court of India delivered a landmark judgement regarding the use of Article 356 of the Constitution?

(A) Indira Sahwney case.
(B) S.R. Bommai case.
(C) Minerva Mill case.
(D) Kesavanantha Bharathi case.
(A) Villages were classified according to size and mode of habitation in Jain and Buddhist literature.

(b) The religious orders founded by Buddha and Mahavira observed highly democratic procedures in arriving at decisions.

Which of the above statements is / are true?

(A) (a) only.

(B) (b) only.

(C) Both (a) and (b).

(D) None of the above.
72) The Gram Sabha meetings are held four times in a year. Which one of the following is not among the four dates?

(A) January 26
(B) May 1
(C) November 14
(D) August 15

73. Recently, the State of Jammu and Kashmir was bifurcated into:

(A) Jammu & Kashmir as State and Ladakh as Union Territory.
(B) Ladakh as State and Jammu & Kashmir as Union Territory.
(C) Both Jammu & Kashmir and Ladakh as States.
(D) Both Jammu & Kashmir and Ladakh as Union Territories.
74) i) “Panchayat Raj” is the most important revolutionary step in the context of governance of rural India.

ii) The foundation of “Panchayat Raj” was laid by our first Prime Minister Pt. Jawaharlal Nehru at Nagaur in Rajasthan.

Which of the above statement/s is / are true?

(A) (i) only.
(B) (ii) only.
(C) Both (i) and (ii).
(D) None of the above.

(a) பான்சயத் ராஜ் பெர்மானியா நுழைவில் ஆரம்பிக்கப்பட்டது. இது விள்ளியாக புகழ் பெறவுயடையும் வழியாக புகழ் பெறவுடைய வர்த்தகருக்கும் நோன்று வாக்கியாக இருந்தது.

(b) பான்சயத் ராஜ் பெர்மானியா நுழைவில் ஆரம்பிக்கப்பட்டது. இது விள்ளியாக புகழ் பெறவுடைய வர்த்தகருக்கும் நோன்று வாக்கியாக இருந்தது.

75) i) Individuals should receive respect and reputation on the basis of their achievements and talents. It should not be on the basis of their social identities.

ii) Inequalities and discriminatory practices which prevail in the society are artificial and are known as prejudices.

Which of the above statement/s is / are true?

(A) (i) only.
(B) (ii) only.
(C) Both (i) and (ii).
(D) None of the above.
76. Which organization prepares the estimates on physical capital formation?

[C] Planning Commission [D] Finance Commission

77. Match the list I with list II and select the correct answer using the codes given below

<table>
<thead>
<tr>
<th>List I</th>
<th>List II</th>
</tr>
</thead>
<tbody>
<tr>
<td>(i) Monetary Policy</td>
<td>(a) Bank rate</td>
</tr>
<tr>
<td>(ii) Fiscal Policy</td>
<td>(b) Margin money</td>
</tr>
<tr>
<td>(iii) Credit Policy</td>
<td>(c) Tax rate</td>
</tr>
<tr>
<td>Options</td>
<td>Description</td>
</tr>
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<td>---------</td>
<td>-------------</td>
</tr>
<tr>
<td>A</td>
<td>i-b, ii-c, iii-a</td>
</tr>
<tr>
<td>B</td>
<td>i-a, ii-c, iii-b</td>
</tr>
<tr>
<td>C</td>
<td>i-c, ii-a, iii-b</td>
</tr>
<tr>
<td>D</td>
<td>i-c, ii-b, iii-a</td>
</tr>
</tbody>
</table>

**78. Which is /are the objective/s of a sound “Agricultural Price Policy”?**

(i) To protect the farmers from exploitative practices of private traders.
(ii) To ensure fair prices for the produce of the farmers.
(iii) To ensure adequate and regular supply of agricultural commodities to the wholesalers at reasonable prices.

<table>
<thead>
<tr>
<th>Options</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>(i) only.</td>
</tr>
<tr>
<td>B</td>
<td>(ii) and (iii) only.</td>
</tr>
<tr>
<td>C</td>
<td>(i) and (ii) only.</td>
</tr>
<tr>
<td>D</td>
<td>(i) and (iii) only.</td>
</tr>
</tbody>
</table>

**முற்பல் விண்வெளியில் என்னாவது குறிப்பிட்டால் முன்னெடுக்கும் முறையெடுக்கும்?**

(i) துறையின் வலிமைகளை குற்றிகளாக நிகழ்த்து விளைப்பட்டுப் பாதுகாப்பு.
(ii) விளைப்பட்டு சுருக்கிய பொருள்களின் குறிப்பிட்டு விளைப்பட்டுச் சுருக்கிய தன்னை பாதுகாப்பு.
(iii) விளைப்பட்டு வேளாண்மைகளை குற்றிகளாக விளைப்பட்டு விளைப்பட்டு பாதுகாப்பு அல்லது, பொருள்களும் பாதுகாப்பு முழுமையியல்.

<table>
<thead>
<tr>
<th>Options</th>
<th>Description</th>
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<tbody>
<tr>
<td>A</td>
<td>(i) முதல்.</td>
</tr>
<tr>
<td>B</td>
<td>(ii) முதல் (iii) முதல்.</td>
</tr>
<tr>
<td>C</td>
<td>(i) முதல் (ii) முதல்.</td>
</tr>
<tr>
<td>D</td>
<td>(i) முதல் (iii) முதல்.</td>
</tr>
</tbody>
</table>
79. Which one of the following is a Non-banking Financial Institution?

[C] Life Insurance Corporation of India.  [D] Indian Bank.

80. The Cash Reserve Ratio is fixed by:

[A] Reserve Bank of India  [B] Canara Bank

81. What is deflation?

(1) Increase in the general price level.
(2) Decrease in the general price level.
(3) Stability in the general price level.
(4) Both 1 and 3.

[A] (1) only.  [B] (2) only.
[C] (3) only.  [D] (4) only.
82. Which of the following is / are the objective/s of Monetary Policy?

(1) Exchange rate stability.
(2) Price Stability.
(3) Full employment.
(4) Economic growth.

[A] (1) only.  [B] (2) only.
[C] (2) and (4) only.  [D] (1), (2), (3) and (4).
83. Which one of the following is not directly related to fiscal policy of the government?

[C] Lending Rate.
[D] Budget

84. Which of the following are associated with land reform measures?

(1) Abolition of intermediaries
(2) Tenancy legislation
(3) Ceiling on land holding
(4) Co-operative Farming

Select the correct answer using the codes given below:

[A] (1) (2) and (4) only.  
[B] (1), (3) and (4) only
[C] (2) and (4) only
[D] (1), (2), (3) and (4)
85. Goods and Services Tax (GST) is a:

[A] Direct Tax  
[B] Wealth Tax  
[C] Indirect Tax  
[D] Professional Tax

86. What would be the direct impact of simply printing more rupee notes without focusing on other economic measures?

[A] It will lead to price rise.  
[B] It will lead to price fall.  
[C] It will lead to un-employment.  
[D] None of the above.
87. Indicate the fundamental economic activities of an economy:

[A] Production and Distribution
[B] Production and Exchange
[C] Production and Consumption
[D] Production and Marketing

88. What is a Non-Performing Asset?

A) It is a loan or advance for which the principle or interest payment remained as due for a certain definite period.
B) It is an individual’s asset which is not yielding adequate returns.
C) It is a social asset like Railways which is not performing.
D) It is an immovable property which cannot be sold as and when required.
89. What do you know about Informal Economy in India?

[A] Informal Economy contributes to approximately 80% of the total employment distribution and to approximately 50% of the G.D.P.

[B] Informal Economy contributes to approximately 15% of the total employment distribution and to approximately 90% of the G.D.P.

[C] Informal Economy contributes to approximately 40% of the total employment distribution and to approximately 25% of the G.D.P.

[D] Informal Economy contributes to 99% of the total employment distribution and to 95% of the G.D.P.

90. Putting money directly into the bank accounts of the poor through measures like “Jan Dhan Yojana” results in:

[A] Depletion of scarce resources.

[B] Demand revival and economic growth through “multiplier effect”.

[C] Increasing corruption.

[D] Maximising government and minimizing governance.
91. The first attempt at introducing a representative and popular element in administration was made by:

- [A] Indian Councils Act 1892
- [B] Indian Councils Act 1919
- [C] Government of India Act 1935
- [D] Indian Councils Act 1909
92. When was the first time that the British used “Commonwealth” instead of the usual “British Empire”? 

[A] During Cabinet Mission  
[B] During Simon Commission  
[C] During Cripps Mission  
[D] During Mount George Commission 

93. What was the first challenge in the political sphere faced by the “Women’s India Association”? 

[A] Right to Property  
[B] Right to Education  
[C] Right to Re-marriage  
[D] Right to Vote
94. To create a class of people “Indian in blood and colour, but English in taste, opinion, morals and intellect” was the intention of:

[A] T.B. Macaulay  
[B] Henry Vivian Derozio

[C] H.S. Olcott  
[D] Raja Ram Mohan Roy

"இந்துவரிசையில் பிற்புவரிசையானது, ஆன்லட்சுச், விளைச், வுண்டேனுணியிக்கும், விளைசு ஆன்லட்சுப் பிரசுமானம் தேவ்நின பெரும் பிரிவில் வருவத்தாக விளையாட்டு இல்லாதது" என்பது புகழ்கற்றது நேரவேதியான:

[A] பி.பி.பூசகராஜ்  
[B] தெஜச்சி பிரிவில் பெருகியிருந்து  
[C] பிரிவு. ச. ஆதரேர்  
[D] பி.பி.பூசகராஜ் விற்பு நெட்
95. Identify the reason why Mahatma Gandhi went on a fast unto death at Poona in 1932.

[A] Failure of the Second Round Table Conference.
[B] Issue of Communal Award.
[C] Refusal of Viceroy to commute death sentence of Chittagong Armoury raiders.
[D] Government’s refusal to release political prisoners.

1932 ஆண்டில் மகாத்மா ஗ாங்கிலின் பாண்டிய பாதம் சுழலைமையில் மேலும் கருத்துச்செயல்கள் கல்விலைக்காக வீழ்க்கிறார்.

[A] தூதல் ஒய்வு செய்து மார்பு செய்து விளைந்தது.
[C] தூதல் ஒய்வு செய்து பார்வையாளர்கள் விளைந்தது விளைந்தது விளைந்தது பார்வை விளைந்தது விளைந்தது.
[D] மார்பு செய்து விளைந்தது விளைந்தது விளைந்தது.

96. (i) The British had to appease the Indian nationalists and the outcome was the passage of the Government of India Act - 1935.
(ii) This act provided for greater power to the local governments and the introduction of direct elections in 1937

Which of the above statement/s is/are true?

[A] (i) only. [B] (ii) only
[C] Both (i) and (ii) [D] None of the above
(i) आयुर्विज्ञानानुसार मंडी मुंडे रत्नेश्वरीकला कुल्पनापट्ट वेषसम्बूः निबिद्ध साहित्य. अतिरिक्त घटनापर्यंत 1935-साल मुंडा मंडी अनुभवकर संपन्नम.

(ii) निःश्रम, राजस्थान आरक्षण विज्ञान अभियंता आदर्श सीमावर दिनानाही, 1937-साल मुंडा रत्नेश्वरीकला निबिद्ध साहित्य.

मात्र दोन्ही कठिनाई रुपान्तरायते कला/साहित्य?

[A] (i) कला. [B] (ii) कला.
[C] (i) कला (ii) [D] कलासहित रत्नेश्वरीकला.

97. Birsa Munda led a revolt against the British in:

[A] Chotta-Nagpur region
[B] Ganga-Yamuna region
[C] Himalayan region
[D] North-East region

97. बिरसा मुंडा ब्रिटिशांना विद्रोह करून पाहिजे:

[A] चोटा - नागपुर विभाग [B] गंगा - यमुना विभाग 
[C] हिमालय विभाग [D] उत्तर-पूर्व विभाग
98. (i) Brahmo Samaj denounced polytheism, idol worship and the faith in divine incarnations.
(ii) It condemned the caste system and superstitions.
(iii) It opposed widow remarriage.

Which of the above statement/s is / are true?

[A] (i) only.
[B] (iii) only
[C] (i) and (ii) only
[D] (ii) and (iii) only

99. Which battle is considered as a decisive one that dealt a severe blow to the Marathas and the Mughal empire and thereby paved way for the rise of the British power in India?

[A] Second battle of Panipat
[B] Third battle of Panipat
[C] Third Anglo-Maratha War
[D] Third Carnatic War
100. (i) One of the earliest initiatives to impart modern education among Indians was taken up by the Christian Missionaries.

(ii) The Christian Missionaries provided opportunities to the underprivileged and the marginalized sections to acquire education. These sections were denied learning opportunities in the traditional education system.

Which of the above statement/s is/are true?

[A] (i) only.  
[B] (ii) only.  
[C] Both (i) and (ii).  
[D] None of the above.
101. Who was the founder of the "Madras Native Association", which was one of the first attempts to organize and vent grievances against the British?

[A] Gajula Lakshminarasu
[B] Singaravelu
[C] T.M. Nair
[D] Potti Sriramulu
102. G.Subramaniam was one of the first leaders to use newspapers to spread the nationalist message across a larger audience. Which was the English newspaper founded by him?

[A] The Mail  
[B] The Indian Express  
[C] The Hindu  
[D] The Madras Courier

103. “The Pacific Coast Hindustan Association” was popularly called as “Ghadar Party”. “Ghadar” is a Urdu word which means:

[A] Freedom  
[B] Rebellion  
[C] Devotion  
[D] Victory
104. “The time has come when the badge of honour makes our shame glaring in their incongruous context of humiliation.”

Who said this while renouncing his knighthood immediately after the Jallianwala Bagh massacre?

[A] Saifuddin Kitchlew
[B] Rabindranath Tagore
[C] Mohammed Iqbal
[D] Surendranath Bannerjee
Which of the following statement/s is/are true about Subhas Chandra Bose?

(i) He was the president of the Congress.

(ii) He resigned from the post of president of the Congress as he was isolated within the Congress.

(iii) He founded the “Forward Bloc” to function independent of the Congress.

[A] (i) only.  
[B] (i) and (iii) only.

[C] (i) and (ii) only.  
[D] (ii) and (iii) only.

105. அந்த காலங்களில் வங்கையில் நெடுந்தும் இருந்தார். 

(ii) வங்கையில் வங்கையின் முல்லினிகரிப்பால் அவர் வசை துணையும் புதுப்பிச்சினையிருந்தார்.

(iii) வங்கையில் வங்கையின் முல்லினிகர்கள் வரும் பாத்திரங்கள் போரின் 'பாதுகாப்பு பிள்ளை' சாதன வங்கிய வழிகாட்டியார்.

[A] (i) மன்னியம். 
[B] (i) மன்னியம் (iii) மன்னியம்.

[C] (i) மன்னியம் (ii) மன்னியம். 
[D] (ii) மன்னியம் (iii) மன்னியம்.
106. **Assertion (A):** Karikala Cholan was distinguished as “*Ponikkku Karai Kanda Bhoopathi*”

**Reason (R):** The stone construction named Kallanai, a masterpiece in Water Management fitted with water canals was constructed by Karikalan.

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

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

(C) (A) and (R) are true.

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

107. What is the second line of the verse from Purananooru that begins as follows?

“*Yadhum Oore Yavarum Kelir*

........

(The world is my Country, all countrymen my kindred)

(A) “Theethum Nandrum Pirar Thara varaa”
(Boon or Bane does not come from others)

(B) “Undi Koduthor Uyir Koduthore!”
(One who feeds gives Life)

(C) “Unbadhu Naazhi, Uduppana Irande”
(For eating a measure, for dressing just two)

(D) “Thuippom enine thappuna palave”.
(If savored alone, much is lost)
108. The message related in the Purananooru verse

"Yaanai pukka pulam pola,
Thanum unnaan; ulagamum kedume...."
(As the elephant destroys the field, so does the King’s taxes does not benefit himself and destroys the world).

1) Tax abolition.
2) Reduction of Tax.
3) Regulating Tax Collection Methodology
4) Tax Evasion.

(A) 1 only.
(B) 2 and 3 only.
(C) 1 and 2 only.
(D) 3 only.
109. Which is the Grammatical literature pioneered by “Tholkappiyam”? 

(A) Thirukkural
(B) Moodhurai
(C) Nannool
(D) Neethi Venbaa

110. Match correctly the excavated things with their corresponding excavation sites.

(i) Golden foils - 1. Thirukkampuliyyur
(ii) “Rouletted” potteries made in Rome - 2. Aadhichanallur
(iii) Sun & Natural Objects - 3. Vadamangal
(iv) Fort wall (Compound Wall) that is 3000 years old - 4. Uraiyur

(A) 3 4 1 2
(B) 2 4 1 3
(C) 4 2 1 3
(D) 1 4 3 2
111. The graffiti symbols of Keeladi are similar to which one of the following civilizations?

[D] Indus Valley Civilization  [C] Yellow River Civilization

112. The carbon samples collected by the Department of Archaeology, Government of Tamil Nadu from the excavations of Keeladi after having been analyzed indicate that all the six samples fall between:

(A) 2nd century BCE and 2nd century CE 
(B) 6th century BCE and 3rd century BCE 
(C) 4th century BCE and 6th century CE 
(D) 3rd century BCE and 5th century CE
113. (i) Dharma, Atharma, Kaama and Moksha are the four fold classification of Indian Philosophy.

(ii) Tholkappiyam and Sangam literature speak only the first three.

Which of the above statement/s is / are correct ?

(A) (i) only
(B) (ii) only.
(C) (i) and (ii).
(D) None of the above.
114. “………………………… are the eyes of all human beings”

In the above Thirukkural, which one of the below are identified by Thiruvalluvar as the eyes of all human beings:

(A) Virtue and wealth
(B) Impartiality and self control
(C) Wealth and love
(D) Numbers and letters

115. “Dare to do a thing………………………… it is shameful to say”

As per the above Thirukkural, how should we enter an action?

(A) After accumulating enormous wealth
(B) After charity
(C) After a mature thought
(D) At an appropriate time
116. "Speak out your speech, when once 'tis past dispute
That none can utter speech that shall your speech refute."

What does Thiruvalluvar mean by "that shall your speech"?

(A) A synonym of the word used by you.
(B) A substitute word.
(C) A translated word for the word used by you.
(D) That word of yours which cannot be won by others.

"ஏந்திருநூறு நூறுவண்டியான அப்பாறிதான
ஏற்றும் வீரர் விடாம் அறிதாத.

- "அனுராதம் " ஸல் சிறுவர்கள் போற்று சது ?

(A) திம்மன் பாம்பைச்சை பார்த்து வேண்டு வேண்ட.
(B) இல்லையான் பார்த்து வேண்ட.
(C) திம்மன் பாம்பைச்சை இரவடக்கு வேண்டியர் வேண்ட.
(D) முடையுனான் வேண்டு மேம்புள்ள இறக்காய் வேண்ட.
“if they fail to control it, their words will lose weight and sorrow and grief will overwhelm them”.

In the above Thirukkural, Thiruvalluvar emphasizes the importance to control one’s tongue. According to him, this is applicable to:

(A) The wealthy  
(B) The Poor  
(C) The Good human beings  
(D) Everyone

“Incomings may be scant; but yet, no failure there, If in expenditure you rightly learn to spare”.

What do you infer from the above?

(A) Work hard to increase your income.

(B) Though income is limited, one can live without any misery, if the outflow is carefully managed.

(C) Completely restrict the outflow regardless of your income.

(D) Increase both the income and the outflow.
“நெறியையும் பெற்று வாக்கும்
பார்த்த பூங்கா காட்டு”

-சிறுவகம் கூரிய டீ தின்நிலையில் அணியும் பாடல்?

(A) மூடிய பூங்காவைச் சுருக்க வார்த்தை எளிதில்.
(B) ஒளிய கூரிய பூங்காவைச் சுருக்க எளிய சூட்டு செற்றுக்கொண்டு வாய்வு மலர்கின்ற.
(C) எளிய சூட்டுக்கொண்டு பூங்காவைச் சுருக்க எளிய சூட்டுக்கொண்டு.
(D) எளிய பூங்காவைச் சுருக்க எளிய சூட்டுக்கொண்டு.

119. Match the following:

(i) “……………………………………………” (a) Need to encounter with cheerful face
     all the rest is nothing but trash to him”
(ii) “When trouble comes………………………” (b) Knowing the fittest time
     “……………………………………………”
(iii) “like the stork or crane with folded wings………………………” (c) Learning

(i)   (ii)   (iii)
(A)   a     b     c
(B)   b     c     a
(C)   c     a     b
(D)   c     b     a

முதலாம்வகையில் பரிபடுத்து:

(i) “……………………………………………” (a) பிரம்மவை போக்கிலிருந்து வெள்ளைவன அமைப்பு
     “……………………………………………”
(ii) “பிரம்மவை போக்கில் ……………………” (b) கிரேம்நாதன் அருளித்து
     “……………………………………………”
(iii) “கிரேம்நாதன் போக்கில் ……………………” (c) கிரேம்நாதன்
     “……………………………………………”
120. “To use ……………………………… is to make choice of unripe fruits to ripe fruits”.

In the above Thirukkural, according to Thiruvalluvar, which one, when spoken is equivalent to choosing unripe to ripe fruits?

(A) Truth instead of falsity.
(B) Rebirth instead of the current birth.
(C) Bitter words instead of sweet words.
(D) Talking about arrogance instead of humility.

(A) cz;ikapUf;f
(B),k;ik ,Uf;f kWik
gw;wp
Twy /
(C),dpait ,Uf;f ,d;dhjJ Twy /
(D) mlf;f Klikf;Fg; gjpyhf mlf;f kpd;ik gw;wpg; ngRtJ /
121. (i) “What is called Truth of True word………………….”

(ii) “External cleanliness can be had by use of ………….”

Considering both the above Thirukkurals together, which one of the following would be the most important outcome?

(A) Falsehood
(B) Truthfulness
(C) External cleanliness
(D) Blameless good

122. Which one of the following is not the attribute of Thirukkural?

(A) Secular nature
(B) Compassion
(C) Inclusive thinking
(D) Naming some Kings and praising their individual valour.
123. During the Sangam age, “Hero Stones” were erected to commemorate the honourable death of Heroes. In order to protect which one of the following, these heroes gave up their lives while fighting enemies?

(A) Horses  
(B) Clothes & Jewels  
(C) Cattle  
(D) Weapons

124. “All men that live are one in circumstances of birth;

…………………………………………”

According to the above Thirukkural, differences among the individuals in a society are due to:

(i) Quality of their actions.  
(ii) Amount of wealth possessed by their kith and kin.

(A) (i) only  
(B) (ii) only  
(C) Both (i) and (ii)  
(D) None of the above
125. What is the importance of Thirukkural as a secular literature?

(A) Being secular, its values are not just confined to any particular religion and it is applicable to the entire humanity.

(B) Its focus on human welfare.

(C) Reading Thirukkural strengthened the secular vision of the founding fathers of our nation.

(D) All the above.
126. Who formed the “United Nationalist Party”?

(A) Poppili  
(B) Subbarayar  
(C) Natesan  
(D) M.C. Raja

“புதலை சுருக்கிய தொடர்” வழக்காச் சூட்டுப்பிள்ளையார் பார்கள்?

(A) பொப்பில்ளை  
(B) சுப்பாராயார்  
(C) எந்திளாந்தார்  
(D) மிசி. ராஜா

127. The original name of Oomaithurai was:

(A) Kumarasamy  
(B) Kattathurai  
(C) Meenatchi Sundaram  
(D) Vellaya Thevan

ஒமாயதுரையின் பிறப்பின் பெயர் என்றாறால்?

(A) குமாரசாமி  
(B) காதாதுரையும்  
(C) மீனசாமி சுந்தரம்  
(D) வேல்லாயா தேவன்
128. Which place was closely associated with the “Black Hole Tragedy” of Madras?

(A) Alipuram  
(B) Mamallapuram  
(C) Tiruppur  
(D) Mallapuram

129. The Palayakkarar system was originally practised in which of the following kingdoms?

(A) Vijayanagar  
(B) Bhamini  
(C) Kakatiya  
(D) Hoysala
130. Which of the following journal was not founded by Thanthai Periyar?

(A) Kudi Arasu
(B) Puratchi
(C) Viduthalai
(D) Swarajya

131. Who is known as the “Political Guru” of Kamaraj?

(A) Gopalakrishna Gokhale
(B) Mahatma Gandhi
(C) Rajagopalachari
(D) Sathyamoorthy
132. Which is the original name of Marai Malai Adigal?

(A) Swami Dayananda  
(B) Swami Vedhachalam  
(C) Swami Paramananda  
(D) None of the above.

மாரை மலை அதிகாரி தின்பிள்ளை எவர் செய்தார்?

(A) சாத்தி பாஸ்துக்கா
(B) சாத்தி வேதாசாலம்
(C) சாத்தி பாரமணாணா
(D) இவற்றில் எதுவும்.

133. Perarignar Anna chose Justice Party to work for:

(i) Casteless society  
(ii) Classless society  
(iii) Casteless and Classless society  
(iv) Class based society

(A) (i) only.  
(B) (i) and (iv) only.  
(C) (iii) only.  
(D) (iv) only.

பேராரிங்கா ஆனா தமிழ் சாத்தி பாஸ்துக்கா கார்த்திகைகளை தேர்ந்தெடுக்கின்றாரா?

(i) சாத்திபுரிய குடும்பம் அடைத்தது  
(ii) கார்ட்டிகை குடும்பம் அடைத்தது  
(iii) சாத்திபுரிய, கார்ட்டிகை குடும்பம் அடைத்தது  
(iv) கார்ட்டிகை அப்பானா பாஸ்துக்கா குடும்பம் அடைத்தது
134. Vaikunda Swamigal as a symbol of protest:

(i) Urged his followers to wear a turban, a right which was permitted only to upper castes in those days.

(ii) Insisted on physical segregation in dining habits.

(iii) In his feeding centre called “Nizhal Tangal”, caste based restrictions were broken down.

(iv) Stood for social segregation.

(A) (i) only
(B) (ii) only
(C) (i) and (iii) only
(D) (iv) only

134. Vaikunda Swamigal வைகுண்ட ஸ்வாமிகள் அங்கமாக  

(i) அமர்த்தியடைய ஒப்பு துந்துப் பெயருக்குரிய மிகம் அமாப்பகைப்படுத்துக் கிளைகளுடன் 
தெருப்பாடு அளிவுத் தண்டனைப் பிள்ளையார்பாடுகளை அதிகம் தனிப்புறிகள். 

(ii) துணிக்கிளையாக நேசாதேவது புதுக்கல்கள் தனிப்புறிகள். 

(iii) 'துர்லு துணைக்கு' சமிக்கு அமாப்பகை மந்திரைகளில் ஊர்வுகை கையீட்டிய தோன்றியிடைப்பட்டு. 

(iv) குறுகிய கிறித்தவ கிளைப்பிடிகள் துறகிகள்.
135. Which of the following were the policies and principles of Perarignar Anna?

(i) Religion and Politics should not mix.
(ii) Privatising education and health sectors.
(iii) Public ownership of transport systems in Tamil Nadu.

(A) (i) only.
(B) (ii) and (iii) only.
(C) (iii) only.
(D) (i) and (iii) only.

பேராரிங்கர் அன்னாவின் கையேற்றங்கள் எதையும் செய்துள்ளார் என்ன?

(i) பலமுறை அரசியலும் தொழில்முறை காற்றுக்கோக்கு.
(ii) சாலை மையங்கள் பொருளாதாரங்களை தின்பரு மாற்றாக்கியும்.
(iii) சுமார்த்தன் பொருளாதாரங்கள் தொடரும் ஆர்வலமாக்கும்.

(A) (i) மட்டுமே.
(B) (ii) மட்டும் (iii) மட்டுமே.
(C) (iii) மட்டுமே.
(D) (i) மட்டும் (iii) மட்டுமே.
136. The weekly journal “Oru Paisa Tamilan” was run by:

(A) V.O.Chidambaranar  
(B) Thanthai Periyar  
(C) Ayothi Thasa Pandithar  
(D) Bharathiyar

137. Which of the following is / are not the work/s of Perarignar Anna?

(i) Velaikkari.  
(ii) Neethi Devan Mayakkam.  
(iii) Kannan Paattu.  
(iv) Kudumba Vilakku.

(A) (i) only.  
(B) (ii) only.  
(C) (i) and (ii) only.  
(D) (iii) and (iv) only.
138. What are the similarities between Thanthai Periyar and Socrates?

(i) Asking and answering questions to stimulate critical thinking.
(ii) Purpose of dialogues is to expose underlying assumptions.
(iii) Accepted hero worship.
(iv) Accepted that solutions to problems cannot be identified by discussions.

(A) (i) and (ii) only.
(B) (iii) and (iv) only.
(C) (i) and (iv) only.
(D) (ii) and (iii) only.

பின்பு, சரணால் முனை சித்தன்று மிளவிப்பது நேருக்கான பாதை?

(i) கத்தோலிக்க செல்லும் மாநிலாதிகளின் பார்வைகள் ஒளிமலர் விளைவான முதலில்தோன்றும் துணைந்திகள்.
(ii) கட்டுமானம் தொழில் அவசர முறையில் வளர்க்கவும் பல்வேறு விளைவுணர்ப்பு.
(iii) தம்பன் பதிவற்று முற்பெருமைச்சால் பாதை.
(iv) பொத்தகமான மாற்றம் புதுதிச்சாலாக்குகிறது இரு கால் புபாக் சுடுப்படு முழுநூற்றாண்டு காலமாக.

(A) (i) முதல் (ii) முதல்.
(B) (iii) முதல் (iv) முதல்.
(C) (i) முதல் (iv) முதல்.
(D) (ii) முதல் (iii) முதல்.
139. Ayoththasa Pandithar:

(i) Campaigned for social justice
(ii) Considered education as an important tool for empowerment.
(iii) Started a weekly journal called ‘Kudiyarasu’.
(iv) Was an ardent follower of Hindu Dharma

(A) (i) only.
(B) (i) and (iv) only
(C) (i) and (ii) only
(D) (i), (ii) and (iii) only

140. Which is the best example of rationalist thinking?

A person suffering from Jaundice has yellow coloured eyes:

(A) Therefore, any food item that is yellow in colour should not be consumed.

(B) Wearing yellow colour dress aggravates the effects of jaundice.

(C) Jaundice can be reduced by adorning yellow coloured flowers.

(D) Jaundice is a disease which can only be treated by identifying the cause. It has no relevance to the colour of the food consumed, colour of the dress and flower one adorns.
A person with self respect will have the following attributes:

(i) Will be a good team leader empathizing with other team members.

(ii) Will be prone to finding fault with others rather than looking into one’s own problems.

(iii) Will believe in the inevitability of social hierarchy.

(iv) Will condone others’ mistakes and give an opportunity to learn.

Which of the above are true?

(A) (i) and (iv) only.

(B) (i) and (ii) only.

(C) (ii) and (iii) only.

(D) (i), (ii) and (iii) only.
142. Which are the characteristics of a person with self respect?

(i) Such a person will be with positive self esteem and will facilitate meaningful social existence.
(ii) Such a person will promote free expression of creative ideas.
(iii) Such a person will treat others with dignity.
(iv) Such a person will have a superior feeling about oneself.

(A) (i) only
(B) (i) and (ii) only
(C) (iv) only
(D) (i), (ii) and (iii) only
143. Why did Thanthai Periyar write in “Kudiyarasu” that “Government and National consciousness should exist only for the purpose of making the people live with self respect”?

(i) He felt that Government or nationalism is not merely to satisfy their mean needs of food and clothes only.

(ii) One’s self respect never robs away others’ self respect.

(iii) He felt that if true sense of self respect is inculcated in people, then they will certainly create faultless politics and peaceful nation.

(A) (i) only
(B) (i) and (ii) only
(C) (i) and (iii) only
(D) All the above.
144. In the Sangam age, Kotravai was worshipped as a Goddess by those who inhabited:

(A) Mountain region  
(B) Forest land  
(C) Crop land  
(D) Dry land

145. Why is Thirukkural relevant even today?

(i) Because, the basic Human nature has not changed much.

(ii) Because, Thirukkural does not focus on specific issues but speaks about the general ideas related to Human existence.

(iii) Because, Thiruvalluvar had anticipated the changing needs of modern society.

(A) (i) only.  
(B) (ii) and (iii) only.  
(C) (iii) only.  
(D) (i) and (ii) only.
146. The flagship scheme that lends special character to the Tamil Nadu model of development is:

(A) Mid-day Meal scheme.
(B) Special Economic Zones.
(C) Information Technology Parks.
(D) Industrial Estate.

திமுகத்திலுள்ள பாணியில் தேசியத் தொழிலாட்சியுடன் இணைந்து விளையாட்டு தொழில் முகிய அளவிட்டு:

(A) மேல்பகுதிய தீவே.
(B) தளமில் பொழுத்தாக்கு மேல்பகுதிய.
(C) தமிழ்நாட்டு பல்கலைக் கழகம்.
(D) பல்கலை கழகம்.
147. Which of the following is / are true with reference to Dr. Muthulakshmi (Reddy) Memorial Inter-Caste Marriage Assistance Scheme:

(i) There is no income ceiling and minimum educational qualification stipulated.
(ii) Either of the spouse should belong to the Scheduled Caste or Scheduled Tribe communities.
(iii) Either of the spouse should belong to the Forward or other Community and the other spouse should belong to the Backward Classes / Most Backward Classes.

[A] (i) only.
[B] (ii) only.
[C] (i), (ii) and (iii)
[D] None of the above.
The importance of social harmony in economic development can be understood by which of the following characteristics?

(i) Social harmony also means peaceful coexistence of various groups in a society which are otherwise divided by various identities.

(ii) Peaceful coexistence of various communities means that the government can focus on initiatives related to economic development and the expenditure towards Law and Order management gets reduced to that extent.

(iii) Social harmony also ensures a peaceful investment atmosphere wherein investors remain confident of their returns.

(iv) Social harmony increases economic disparities.

A) (i) only.
B) (i) and (ii) only.
C) (i), (ii) and (iii)
D) (i) and (iv) only.
149. Match the following:

i. Block chain backbone 1. Online services
ii. TNeGA 2. Remote sensing Technology
iii. E-sevai 3. Nambikkai Inaiyam
iv. TN-GIS 4. State Nodal Agency

Choose the correct option from the codes given below:

<table>
<thead>
<tr>
<th></th>
<th>i</th>
<th>ii</th>
<th>iii</th>
<th>iv</th>
</tr>
</thead>
<tbody>
<tr>
<td>(A)</td>
<td>1</td>
<td>4</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>(B)</td>
<td>4</td>
<td>3</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>(C)</td>
<td>3</td>
<td>4</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>(D)</td>
<td>3</td>
<td>4</td>
<td>2</td>
<td>1</td>
</tr>
</tbody>
</table>
150. Which is the objective of Arasu e-sevai centres?

(A) Providing unified access to e-services of different government departments on a common platform across the State.

(B) Providing overall guidance to e-governance projects at district level.

(C) Providing on-line examination services.

(D) Providing residential data for Tamil Nadu.

151. Who took major efforts in the emergence of labour organizations in Madras Presidency?

(A) M. Thirumalachariar

(B) A. Singaravelar

(C) Thanthai Periyar

(D) Maraimalai Adigal
152. The philosophy of Social Justice is largely rooted in:

(A) Natural Justice.
(B) Moral Justice.
(C) Distributive Justice.
(D) Legal Justice.

153. Match the following:

<table>
<thead>
<tr>
<th>Social Reform Movements</th>
<th>Reformers</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Theosophical Society</td>
<td>1. Veerasalingam Pantulu</td>
</tr>
<tr>
<td>b) Self-Respect Movement</td>
<td>2. C. Natesanar, T.M. Nair, Thyagarayar.</td>
</tr>
<tr>
<td>c) Widow Re-marriage Movement</td>
<td>3. Madam Blavatsky</td>
</tr>
<tr>
<td>d) Justice Movement</td>
<td>4. Thanthai Periyar</td>
</tr>
</tbody>
</table>

A) 1 3 4 2
B) 3 4 2 1
C) 3 4 1 2
D) 4 3 2 1
154. The plight of the villagers and the sufferings they endure while trying to resolve their problem of water scarcity is depicted in the Tamil movie:

(A) Mahanathi  (B) Neerpparavai

(C) Thanneer Thanneer  (D) Eeram

155. (i) In India, Socio-economic inequalities are well entrenched.

(ii) A law for fair distribution will automatically ensure just distribution of resources.

(iii) Governments will have to ensure a level playing field in order to establish justice.

Which of the above statements is / are true with regard to distribution of resources.

A] (i) only
B] (ii) only
C] (i) and (iii) only
D] (ii) and (iii) only
156. Which of the following movement urged its members to give up their caste surnames?

A] Pure Tamil movement
B] Self Respect movement
C] Quit India movement
D] Bakthi movement
157. The Protection of Women from Domestic Violence Act-2005 safeguards women from:

(A) Physical abuse. (B) Sexual abuse.
(C) Economic abuse. (D) All the above.

158. Match the Marriage Assistance Schemes of the Government of Tamil Nadu with the respective names given to each scheme:

<table>
<thead>
<tr>
<th>Scheme</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) Marriage Assistance for poor girls</td>
<td>1. Annai Terasa</td>
</tr>
<tr>
<td>b) Widow re-marriage assistance</td>
<td>2. Muthulakshmi Ammaiayar</td>
</tr>
<tr>
<td>c) Marriage assistance for orphan girls</td>
<td>3. Dharmambal Ammaiayar</td>
</tr>
<tr>
<td>d) Inter-caste marriage assistance</td>
<td>4. Moovalur Ramamirtham Ammaiayar</td>
</tr>
</tbody>
</table>

a   b   c   d
(A) 4   3   1   2
(B) 2   1   3   4
(C) 1   2   4   3
(D) 3   4   2   1
159. The aim of the "Cradle Baby Scheme" of the government of Tamil Nadu is:

[A] To promote mother-feeding.
[B] To ensure delivery of babies at Hospitals.
[C] To provide immunization to infants.
[D] To eradicate female infanticide.
160. Which one of the following is not the journal that carried on the effective propaganda of self-respect ideals?

[A] Kudiarasu
[B] Revolt
[C] Swathesa Mithran
[D] Viduthalai

161. (i) The concept of welfare state had its origin in Western Europe after the second World War.
(ii) The main idea of welfare state is that the government should not play any vital role in human development.

Which of the above statements is / are true?

[A] (i) only.  
[B] (ii) only.  
[C] Both (i) and (ii).  
[D] None of the above.
162. Assertion (A): In the contemporary society, some people are tempted towards “Hero worship”. This is not a healthy trend.

Reason (R): Rapid Urbanization creates a sense of being rootless. This in turn creates a longingness “to belong somewhere / to somebody”. Therefore, some people are attracted towards the Heroes. It induces a blind following and thereby inhibits a critical thinking of one’s own socio-economic problems.

[A] (A) is true, (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).
163. Which of the following pair is correctly matched?

<table>
<thead>
<tr>
<th>Scheme</th>
<th>Chief Minister</th>
</tr>
</thead>
<tbody>
<tr>
<td>[A] Noon Meal Scheme</td>
<td>i) J. Jayalalitha</td>
</tr>
<tr>
<td>[B] Cradle Baby Scheme</td>
<td>ii) K. Kamaraj</td>
</tr>
<tr>
<td>[C] Samathuvapuram</td>
<td>iii) C.N. Annadurai</td>
</tr>
<tr>
<td>[D] Nutritious Meal Scheme</td>
<td>iv) M. G. Ramachandran</td>
</tr>
</tbody>
</table>

164. In the 1962 elections, the Dravida Munnetra Kalagam (DMK) was supported by Swatantra Party. Who was the head of the latter party at that time?

[C] K. Kamaraj     [D] Omanthoor Ramasamy
165. Which Chief Minister introduced the Mid-day Meal scheme in independent India?

- [A] N.T. Rama Rao
- [B] V.S. Achuthananthan
- [C] M.G. Ramachandran
- [D] K. Kamaraj

166. Assertion (A) : Agriculture continues to be the largest employer in Tamil Nadu.

Reason (R) : Non-Agriculture sectors are yet to generate enough employment to effect a shift of labour force.

- [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. But (R) is true.
- [D] Both (A) and (R) are true. But (R) is not the correct explanation of (A).
167. Which of the following pair is correctly matched?

<table>
<thead>
<tr>
<th>City / Town</th>
<th>Industry</th>
</tr>
</thead>
<tbody>
<tr>
<td>[A] Ranipet</td>
<td>i) Leather</td>
</tr>
<tr>
<td>[B] Namakkal</td>
<td>ii) Fireworks</td>
</tr>
<tr>
<td>[C] Erode</td>
<td>iii) Poultry Farms</td>
</tr>
<tr>
<td>[D] Sivakasi</td>
<td>iv) Power looms</td>
</tr>
</tbody>
</table>

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168. (i) Tamil Nadu is grouped among the high enrolment ratio states in respect of school education.
(ii) This has been possible mainly due to the supply of free food, free uniforms, free footwear, scholarship, etc.

Which of the above statements is / are true?

[A] (i) only.
[B] (ii) only.
[C] Both (i) and (ii)
[D] None of the above.

169. As per the census 2011, which district of Tamil Nadu possesses the highest literacy rate?

[A] Chennai  [B] Coimbatore
[C] Kanyakumari  [D] Namakkal
170. “Tamil Nadu developed a commitment to universal and well functioning public services thanks to the power of democratic action, public reasoning and social action”.

Who said this?

[B] Dutt and Sundaram.
[C] Raghuram Rajan and Abhijit Banerjee.
[D] Milton Friedman.
171. The most important reason/s for the relative success of Tamil Nadu in extending social policies lie/s in:

(i) Near universal coverage of schemes.
(ii) Populist welfarism.
(iii) People’s active involvement in democratic politics.
(iv) Targeted distribution systems.

[A] (i) and (ii) only
[B] (ii), (iii) and (iv) only
[C] (i), (ii) and (iii) only
[D] (iv) only
172. Which is / are the reason/s for the success of “The Tamil Nadu Model” of Public Health?

(i) Tamil Nadu was the first state to enact a Public Health Act in 1939.

(ii) Creation of distinctive Public Health System at district level.

(iii) Good political commitment and leadership in Health sector.

(iv) Heavily centralized Health systems.

[A] (i) and (ii) only

[B] (ii) and (iii) only

[C] (iv) only

[D] (i), (ii) and (iii) only
173. Which of the following is/are the correct statement/s regarding Perarignar Anna with regard to the early days of the Dravidian movement?

(i) He understood that medium is the message.
(ii) He understood that affirmative action will lead to progress.
(iii) He used theatre and cinema as effective instruments of communication.
(iv) He was a non believer in distributive justice.

[A] (i) only
[B] (ii) and (iii) only
[C] (iv) only
[D] (i), (ii) and (iii) only
174. Which of the following fact/s is /are correct?

(i) Tamil Nadu has 30.50% of its total population as urban population.

(ii) IMR in Tamil Nadu is 17 per 1000 whereas the all India average is 34 per 1000 as on 2016.

(iii) Tamil Nadu has come first in the Health Index Report as per Progressive India Report (2018) – Niti Aayog.

(iv) Tamil Nadu accounts for 10% of leather exports and 50% of leather production in the country.

[A] (i) only
[B] (i) and (ii) only
[C] (ii) only
[D] (iii) and (iv) only
175. Which district of Tamil Nadu has the lowest child sex ratio according to census 2011?

[A] Madurai  
[B] Theni  
[C] Ariyalur  
[D] Cuddalore 

2011க்கு அதிகம் வளர்ந்து பிரதான சார்ந்த பிரிவுகள் தின்பற்கள் நூற்றும் பகுதிகளில் தற்போதைய பார்வை விளக்கத்திற்கு பயன்படுத்தப்பட்டுள்ளா? 

[A] தின்பற்கள்  
[B] தற்போதை பார்வை 
[C] அதிகம் வளர்ந்து 
[D] சார்ந்த 

176. If P denotes +, Q denotes -, R denotes X and S denotes ÷, which of the following statement is correct

[A] 36R4S8Q7P4 = 10  
[B] 16R12P49S7Q9 = 200  
[C] 32S8R9 = 160Q12R12  
[D] 8R8P8S8Q8 = 57 

P என்பது +, Q என்பது -, R என்பது X மற்றும் S என்பது ÷ என்பது செயல்குறிகளின் சராசரி குறியீடு என்பது ? 

[A] 36R4S8Q7P4 = 10  
[B] 16R12P49S7Q9 = 200  
[C] 32S8R9 = 160Q12R12  
[D] 8R8P8S8Q8 = 57
177. A Clock seen on a mirror shows quarter to three. What is the correct time shown by the Clock?

[A] 8 hours 15 minutes.
[B] 9 hours 12 minutes.
[C] 8 hours 17 minutes.
[D] 9 hours 15 minutes.

178. If the volume of a cube is 1000 cu.cm, then find its surface area?

[A] 100 sq.cm
[B] 400 sq.cm
[C] 500 sq.cm
[D] 600 sq.cm
179. A book contains 120 pages. Each page has 35 lines. How many pages will the book contain if every page has 24 lines per page?

[A] 170 pages  
[B] 180 pages  
[C] 175 pages  
[D] 185 pages

180. 12 men can complete a work in 36 days. In how many days will 18 men finish the same work?

[A] 16  
[B] 24  
[C] 26  
[D] 54
181. The product of two numbers is 432 and their LCM and HCF are 72 and 6 respectively. If one of the numbers is 24, then find the other number?

[A] 16  
[B] 24  
[C] 26  
[D] 36
182. Find the total amount if 15% of it is Rs. 3000?

[A] Rs. 18,000   [B] Rs. 20,000
[C] Rs. 21,000   [D] Rs. 25,000

183. In a class, 40% of students are boys. 60% of girls are rank holders. 40% of students are rank holders. Find the number of boys with rank, if class strength is 50?

[A] 2   [B] 4
[C] 6   [D] 8
184. Arun drives 120 miles at 60 miles / hr and then drives the next 120 miles at 40 miles/hr. What is his average speed for the entire trip?

[A] 42  [B] 48  
[C] 50  [D] 54

185. In a flower garden, there are 23 rose plants in the first row, 21 in the second row, 19 in the third row and so on. There are 5 rose plants in the last row. How many rows are there in the flower garden?

[A] 12 rows  [B] 10 rows  
[C] 11 rows  [D] 13 rows
186. If the average of the values 18, 41, x, 36, 31, 24, 37, 35, 27, 36 is 31. Find the value of x.?

[A] 35          [B] 36
[C] 25          [D] 26

18, 41, x, 36, 31, 24, 37, 35, 27, 36 ஆகிய 10 முதல் x ஆக சேர்ந்த எண் எதும் மதிப்பு சான்றா?  

[A] 35          [B] 36
[C] 25          [D] 26

187. Which one of the following numbers is exactly divisible by 11?

[A] 235641       [B] 245642
[C] 315624       [D] 415624

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188. What is unit digit in the product 784 x 618 x 917 x 463 ?

[A] 6  [B] 2
[C] 4  [D] 8

784 x 618 x 917 x 463 வாரத்துக்கு முன்னே விட்டு விட்டவும் சலவூ ?

[A] 6  [B] 2
[C] 4  [D] 8

189. Find the compound interest on Rs. 1,000 at the rate of 10 % per annum for 18 months when interest is compounded half-yearly?

[C] Rs. 157.61  [D] Rs. 157.60

அர்ப்பாண்டிக் தொகுப்பு ஆண் அல்லாம் விட்டு விட்டவும் ர. 1000-க் குறிப்பிட்டு, 18 மாதங்கள் கொண்டு விட்டு விட்டவும் ?

[C] ர. 157.61  [D] ர. 157.60
190. If the rate of Compound interest is 12% per year and compound interest is calculated every 3 months, then what is the total amount after 9 months when the deposited amount is one lakh?

[A] Rs.1,09,000.00  [B] Rs.1,09,060.00
[C] Rs.1,09,060.30  [D] Rs.1,09,272.70

191. If A : B = 4 : 6, B : C = 18 : 5, Find the ratio of A : B : C?

[C] 18 : 12 : 5  [D] 5 : 18 : 12

A : B = 4 : 6, B : C = 18 : 5, எனில் A : B : C பின் விளைந்து கூறும் விளையாட்டு சமநிலை ?

[C] 18 : 12 : 5  [D] 5 : 18 : 12
192. How many numbers are there between 200 and 400 which are exactly divisible by 3, 5 and 6?

- [A] 8
- [B] 9
- [C] 7
- [D] 6

200–400 வரை 3, 5, 6 வாய்வால் தரையான எண்களைக் காண்க.

- [A] 8
- [B] 9
- [C] 7
- [D] 6

193. In a class of 80 students, 65 % are boys. Find the number of girls?

- [A] 35
- [B] 28
- [C] 52
- [D] 38

80 வருட வகுப்பில் 65% பெண்கள் கொண்டிருந்தனர். எண்கிலோ பெண்கள் கொண்டிருந்தனர்;

- [A] 35
- [B] 28
- [C] 52
- [D] 38

194. Choose the best alternative of White : Peace : : Red : _______?

- [A] Roses
- [B] Heart
- [C] Violence
- [D] Danger

புதிய மற்றும் நெய்யானவை யென்று விளக்கப்பட்டுள்ளது:

- [A] மாருதம்
- [B] முகம்மம்
- [C] பன்னாள்
- [D] அமர்ப்பம்
195. Rs. 120 is divided among A, B and C such that A’s share is Rs. 20 more than B’s and Rs. 20 less than C’s. What is B’s share?

[A] Rs. 10  
[B] Rs. 15  
[C] Rs. 20  
[D] Rs. 25

196. If the sum of two numbers is 24 and their product is 108, then find the sum of their reciprocals?

[A] \(\frac{2}{9}\)  
[B] \(\frac{3}{7}\)  
[C] \(\frac{5}{7}\)  
[D] \(\frac{9}{2}\)
197. Find the rate percent per annum when a principal of Rs. 5000 /-
earns a S.I of Rs. 1600 in 16 months?

[A] 20 %
[B] 22 %
[C] 18 %
[D] 24 %

198. The population of a village has a constant growth of 4 % every
year. If its present population is 32448. What was the population
two years ago?

[A] 31424
[B] 28868
[C] 30000
[D] 31242
199. The area of a quadrilateral is 525 sq.m. The perpendiculars from two vertices to the diagonal are 15 m and 20 m. What is the length of this diagonal?

[A] 25 m  [B] 30 m  
[C] 35 m  [D] 45 m

200. A wire can form a square of area 36 sq. cm. What is the area of rectangle when the same wire forms a rectangle in which one side is 2 cm?

[A] 12 cm²  [B] 18 cm²  
[C] 20 cm²  [D] 24 cm²