



தமிழ்நாடு அரசு
கல்வி அமைச்சு
Ministry of Education

2023(2024)/OL/61/E/A/E-1

G. C. E. Ordinary Level | **டி. சே. க. காலாறு சேடி 2023 (2024)**

டினூறு சூன சறுசு
மாதிரி வினாத்தாள்
Model paper

Geography



டினூறு சூன சறுசு சடா சிலூறு சறுசு I,II
மாதிரி வினாத்தாளுக்கான விடைப்பத்திரம் I,II
Answer sheet for the model paper – I, II | (English Medium)

National Languages and Humanities Branch

Marking Scheme Paper I

| | |
|---|------------|
| 01. 5-6 km | 20. 3. BCA |
| 02. Indonesia | 21. 4. CDB |
| 03. Sapugaskanda | 22. 3. CDB |
| 04. Igneous | 23. 4. DCB |
| 05. 4 | 24. 2. BCD |
| 06. F | 25. 1. ABC |
| 07. T | 26. 4 |
| 08. T | 27. 1 |
| 09. T | 28. 3 |
| 10. F | 29. 2 |
| 11. 510 | 30. 1 |
| 12. South coast | 31. 3 |
| 13. Earth / Rio | 32. 1 |
| 14. Earth lightning | 33. 4 |
| 15. Henarathgoda | 34. 2 |
| 16. 2018 | 35. 3 |
| 17. 2021 | 36. 4 |
| 18. 15 thousand | 37. 3. C |
| 19. 2016 and 2019 (both years should be correct) | 38. 1. A |
| | 39. 2. B |
| | 40. 4. D |

(1 x 40 = 40 marks)

Paper II

Part I

1. (A)

| | |
|--|------------|
| (i) undulating land | (01 mark) |
| (ii) tea | (01 mark) |
| (iii) lighthouse | (01 mark) |
| (iv) Grama Niladhari Division | (01 mark) |
| (v) meander | (01 mark) |
| (vi) As the map can be distorted when printing, provide marks for the correct answer after calculation | (01 mark) |
| (vii) bathymetrical line | (01 mark) |
| (viii) hospital / school / railway halt / railway station / town hall (Any two) | (02 marks) |
| (ix) the point where latitudes and longitudes intersect | (01 mark) |

(B)

- (i) T
- (ii) O
- (iii) W
- (iv) E
- (v) R (05 marks)

(C)

- (i) G
- (ii) C
- (iii) E
- (iv) O
- (v) L (05 marks)

Part II

2.

I. The thin layer of various gases that is bound to the Earth by gravity (02 marks)

II.

- Extends about 8-12 km above the earth's surface.
- Environment lapse rate is taken place.
- Weather phenomena are taken place.
- Extends up to the tropopause from the Earth's surface
- Containing a higher percentage of the total air mass (1 x 3 = 3 marks)

III. a.

- burning of fossil fuel.
- Setting fire on forests.
- modern agricultural methods.
- industrialization.
- Irregular disposal of waste. (1 x 2 = 2 marks)

b.

- Use of renewable energy
- Reforestation
- Enforcement of laws to reduce deforestation.
- Waste management
- Lean towards organic agriculture
- Keeping the emission of harmful gases and air pollutants from vehicles under control (1 x 3 = 3 marks)

3.

I.

- Kenya
- Argentina (1 x 2 = 2 marks)

II

- Expansion in large estates.
- Use of local and foreign labour
- Showing industrial characteristics though agricultural.
- Have been started by foreigners in many countries. (1 x 3 = 3 marks)
- Skilled labour
- Formal labor organization.
- Earning of foreign exchange.

III

a

- Use of vegetatively propagated tea.
- Use of chemical fertilizers.
- Diversification of production.
- Taking different measures to promote the sale of tea in the countries of the world (1 x 3 = 3 marks)

b

- Earnings of foreign exchange
- Occurrence of employment/job opportunities. (Direct and indirect jobs)
- Effective use of mountainous areas.
- Regional infrastructure development.
- Taking the Sri Lankan (Cylon Tea) brand international (becoming popular in the world). (1 x 3 = 3 marks)

- 4.
- I.
- Asia
 - Africa
- (1 x 2 = 2 marks)
- II.
- High female population compared to male population.
 - Decrease in the older dependents /Aging population / population over 60 years compared to the labour force and young dependents
 - Higher labour force compared to the number of dependents.
- (1 x 3 = 3 marks)
- III.
- The problem of caring for the elderly.
 - Rising health and welfare costs.
 - Rising costs for allowances for elderly people and pensions.
 - Escalation of conflicts between the older generation and the younger generation.
 - Increasing demand for old age homes and care centers for older people
- (03 for naming + 02 for description = 05 marks)
- 5.
- I.
- Europe
 - North America
- (2 marks)
- II.
- Large Capital
 - Constant conduct of research
 - Most of the workers being scientists/engineers.
 - Ownership being multinational companies.
 - Run as an assembling industry.
- (1 x 3 = 3 marks)
- III.a
- Abundance of e-waste.
 - Abundance of health problems due to constant use of electronic devices.
 - Occurrence of cultural problems.
 - Subordination to multinational companies.
 - Stress and isolation through addiction.
- (1 x 2 = 2 marks)
- b
- Emergence of direct and indirect employment opportunities.
 - Higher education that produces expert workers.
 - Institute and school curriculum preparation.
 - Emergence of electronic equipment repairing centers.
 - Location of assembling industries often in urban areas.
- (Explain one of these) (3 marks)
- 6.
- I.
- (A) greater Colombo (B) Central hills
- (02 marks)
- II.
- Inadequate infrastructure in tourist areas.
 - Being a factor affecting environmental pollution.
 - Negative attitudes towards the tourism industry.
 - Cultural fusion/combination (adversely)
 - Tourist arrival to tourist areas is limited only to a particular period of the year.
- (1 x 3 = 3 marks)

III.

- Promotion of local tourism industry.
- Introducing new tourist attractions.
- Introduction of discount packages for promotion of tourism industry.
- Improving tourism facilities.
- Increasing use of internet in tourism industry.
- Green tourism / Eco tourism

(Describe one of these)

(03 for naming + 02 for description = 05 marks)

7.

I. (A) Cyclone

(B) Willi-willies / Willy-Willy (1 x 2 = 2 marks)

II.

Impacts on the physical environment

- Damage to land areas.
- Damage to coastal areas.
- Clogging of water sources.

Impacts on human environment

- Damage to human life and property.
- Damage to infrastructure.
- Disturbances for fishing activities.
- Occurrence /out breaking of epidemic diseases.

(Answers should be from both areas)

(1 x 3 = 3 marks)

III.

- Ensuring the safety of the community that is the victim of the disaster.
- Protecting physical property as much as possible.
- Providing medical treatment.
- Provision of temporary housing.
- Provision of food.

(03 for naming + 02 for description = 05 marks)

8.

I. (A) Short-wave radiation / Solar radiation

(B) Geo radiation / Long wave radiation

(1 x 2 = 2 marks)

II.

- | | |
|-----------------------|-------------------|
| ▪ Nitrous oxides | ▪ Carbon dioxide |
| ▪ Chlorofluorocarbons | ▪ Carbon monoxide |
| ▪ Methane | ▪ Sulfur Dioxide |

(1 x 3 = 3 marks)

III.

a

- Decrease in cultivated land due to salinization.
- Decrease in fishing income due to decrease in fish harvest.
- Spread of disease.
- Negative impacts of natural disasters on the human environment.
- Loss of homes due to inundation/submerge of low-lying areas.
- Pollution of drinking water.
- Due to changes in the rainfall pattern, disruption in the cultivation activities

(1 x 2 = 2 marks)

b.

- Complete phase-out of CFC emissions after 2000.
- Vehicle smoke testing (Eco Test)
- Solid waste management.
- Reducing fossil fuel consumption.
- Adjacent/Lean towards renewable energy consumption.
- Green forestry

(explain one)

(2 for 02 facts + 01 for description = 03 marks)
