



தமிழக அரசு
கல்வி அமைச்சு
Ministry of Education

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

G. C. E. Ordinary Level | **அ. கோ. க. காலாறு சேல் 2023 (2024)**

அனுபவப் பரீட்சைப் பரீட்சை
மாதிரி வினாத்தாள்
Model paper

Geography



அனுபவப் பரீட்சைப் பரீட்சை பதிலை பிழிவார் பரீட்சை 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)



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

G.C.E Ordinary Level | අ.පො.ස. සාමාන්‍ය පෙළ | 2023(2024)

අනුභූරු ප්‍රශ්න පත්‍රය
மாதிரி வினாத்தாள்
Model paper

Geography

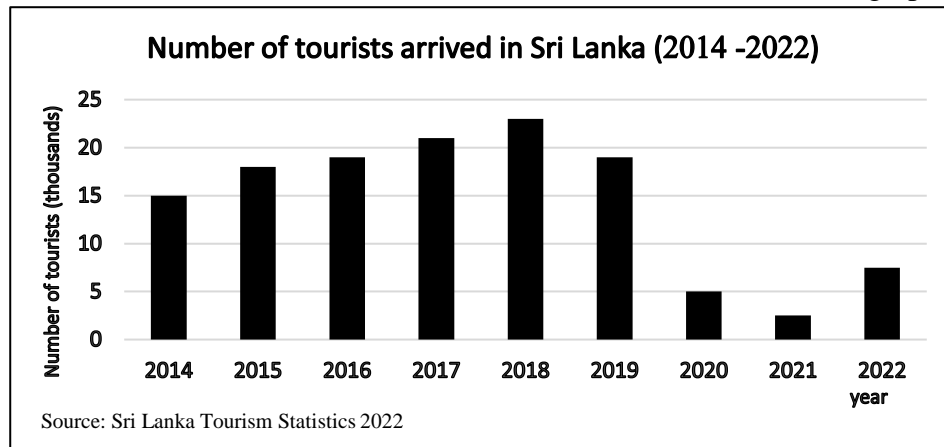


Question Paper I, II | ප්‍රශ්න පත්‍රය I, II | (English Medium)

National Languages and Humanities Branch

- Use the graph given below to answer the questions 16-19.

The number of tourists arrived in Sri Lanka in 2014 – 2022 is shown in the graph below.



16. The highest number of tourists visited in Sri Lanka in
17. The least number of tourists had arrived in
18. The total number of tourists arrived in Sri Lanka after 2019 is
19. The arrival of tourists was equal in the years and

- There are two columns as A and B for the questions 20-25. Match the information in B with the facts in A to the given order and write the correct number that shows the correct order of matching.

20.

'A'	'B'
Type of forest	Features
1. Conifer forests	A. No clear layers
2. Tropical rain forests	B. Needle shape leaves
3. Temperate forests	C. High biodiversity
	D. Slow growth of plants
1. ABC 2. ACD 3. BCA 4. DBA (.....)	

21.

'A'	'B'
Area	Protected area
1. Knuckles	A. National parks
2. Ritigala	B. Sanctuaries
3. Anawilundawa	C. Forest Reserves
	D. Strict Nature Reserves
1. ABC 2. ADC 3. CAB 4. CDB (.....)	

22.

'A'	'B'
Hazard type	Hazard
1. Geological hazards	A. Tsunami
2. Climatic hazards	B. Epidemics
3. Biological Hazards	C. Earthquakes
	D. Droughts
1. BAD 2. CDA 3. CDB 4. DAB (.....)	

23.

	'A'		'B'	
	Feature		Atmospheric layer	
	1. Normal aero planes fly		A. Thermosphere	
	2. Controls unfavorable Solar radiation		B. Mesosphere	
	3. Prevails Lowest temperature		C. Stratosphere	
			D. Troposphere	
	1. DAC	2. DBA	3. DCA	4. DCB (.....)

24.

	'A'		'B'	
	Ocean		Island	
	1. Pacific		A. Tasmania	
	2. Indian		B. Taiwan	
	3. Atlantic		C. Seychelles	
			D. Canary Islands	
	1. ABC	2. BCD	3. CBA	4. DCA (.....)

25.

	'A'		'B'	
	Soil Type		Crop	
	1. Loam laterite soil		A. Tea	
	2. Saline, Sandy soil		B. Coconut	
	3. Kabok mix red soil		C. Rubber	
			D. Coffee	
	1. ABC	2. BCD	3. CBA	4. DCA (.....)

• Select the best suited answer and write its number in the bracket provided in front, to answer the questions 26-36.

26. A labour-intensive cultivation in Asian countries,

1. wheat	2. rubber
3. tea	4. rice (.....)

27. This is a district in which mid country tea is cultivated in Sri Lanka,

1. Matale	2. Nuwara Eliya
3. Kegalla	4. Galle (.....)

28. The South American country which is among the prominent ten automobile manufacturing countries in the world,

1. Columbia	2. Argentina	3. Brazil	4. Uruguay (.....)
-------------	--------------	-----------	--------------------

29. Which is considered as the nationality of the person who created the oldest map in the world?

1. Indian	2. Mesopotamian
3. African	4. European (.....)

30. The expressway E4 in Sri Lanka is,

1. Central express way	2. Colombo outbound express way
3. Southern express way	4. Colombo – Katunayake express way (.....)

31. Which answer contains a natural factor that contributes to increase global warming?
- | | |
|---------------------|------------------------------|
| 1. Animal husbandry | 2. Nuclear experiments |
| 3. Sunspots | 4. Industrialization (.....) |
32. A main criterion that is used in measuring the Human Development Index.
- | | |
|-----------------------------|-----------------------------|
| 1. Life expectancy at birth | 2. Maternal mortality rate |
| 3. Infant mortality rate | 4. Aging population (.....) |
33. A special characteristic of red yellow podzol soil,
- | |
|--|
| 1. Mainly distributed in Ampara and Batticaloa districts |
| 2. More suitable for cultivation of vegetable and grass |
| 3. Spread over river valleys and plains |
| 4. Spread in the low country wet zone (.....) |
34. According to the central bank report of Sri Lanka in 2012, which crop from the following earned the highest export income?
- | | | | |
|------------|--------|-----------|-------------------|
| 1. Coconut | 2. Tea | 3. Spices | 4. Rubber (.....) |
|------------|--------|-----------|-------------------|
35. Across which river was ‘Senanayake Samudraya’ constructed?
- | | |
|-----------|-------------------|
| 1. Walawe | 2. Kumbukkan |
| 3. Galoya | 4. Kelani (.....) |
36. Select the pair of symbols that is indicated in yellow in colour in 1:50000 map of Sri Lanka.
- | | |
|------------------------|--|
| 1. Tea and other roads | 2. Main Road and rubber |
| 3. Home Garden and dam | 4. Other roads and home gardens(.....) |

- **Study the pairs A, B, C and D given below to answer the questions from 38-40.**

- A - 1. Deaths
2. Natural growth
- B - 1. Altitude
2. Atmospheric pressure
- C - 1. Usage of chemical fertilizer
2. Environmental pollution
- D - 1. Literacy
2. Aging population

37. Which pair causes a decrease in the first to decrease in the second and an increase in the first to increase in the second?
1. A 2. B 3. C 4. D (.....)
38. Which pair will produce negative impact even if the increase of the first one results in the decrease of the second one?
1. A 2. B 3. C 4. D (.....)
39. The pair in which a decrease of the first one causes the increase of the second one is shown by,
1. A 2. B 3. C 4. D (.....)
40. Which pair of topics does not show any relationship between each other,
1. A 2. B 3. C 4. D (.....)

I. II

Ministry of Education, Sri Lanka

G. C. E. Ordinary Level Examination – Model Paper - 2023 (2024)

I, II

(c) Study the map of Sri Lanka to answer the questions provided. Use the column next to the map to write answers.

Refer to the letters on the map of Sri Lanka and select the correct letter out of the three letters given at the end of each statement to answer the questions (i) - (v). Write the answers in the column next to the map.

- i. 'Bombuwala', A paddy research institute - (G, H, I)
 ii. 'Bogala', the graphite mine - (A, B, C)
 iii. 'Solar Universe', the first solar power station of Sri Lanka - (D, E, F)
 iv. Port city - (O, P, Q)
 v. The district in which the new land area was introduced for rubber cultivation - (L, M, N)
 (5 marks)

Part II

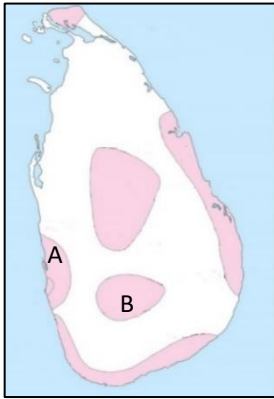
2. (i) Define atmosphere. (2 marks)
 (ii) State **three** salient features of troposphere. (3 marks)
 (iii) a) Write **two** human activities that cause atmospheric pollution. (2 marks)
 b) Suggest **three** measures to minimize the impacts of the human activities you mentioned above. (3 marks)
3. (i) Name **two** none-Asian countries that cultivate tea (2 marks)
 (ii) State **three** salient features of plantation agriculture. (3 marks)
 (iii) a) Write **two** strategies followed by different countries in the world to increase tea production. (2 marks)
 b) Write **three** benefits of tea production to the economy of Sri Lanka. (3 marks)
4. (i) Name the **two** continents where most of the world population lives. (2 marks)

Population (Age based) - 2012	
Age group	%
Young dependents	25.8
Labour force	62.0
Older dependents	12.2

Population (Gender based)- 2012	
Gender	%
Male	48.5
Female	51.5

- (ii) According to census data in 2012, state **three** features of the population structure of Sri Lanka. (3 marks)
 (iii) State **three** problems of aging of population and explain **one** of them in brief. (5 marks)
5. (i) Name **two** leading countries/zones in the production and trade of electronic industry in 2008 - 2013. (2 marks)
 (ii) Write **three** salient features of the electronic industry of the world. (3 marks)
 (iii) a) Write **two** problems in the usage of electronic equipment. (2 marks)
 b) State **two** trends of electronic industry in Sri Lanka and explain **one** of them in brief. (3 marks)

6.



- (i) Name the **two** tourist zones denoted by A and B on the map. (2 marks)
- (ii) State **three** problems of tourist industry in Sri Lanka. (3 marks)
- (iii) State **three** trends of tourist industry in Sri Lanka and briefly explain **one** of them. (5 marks)

7. (i) Write the names of cyclones that occur in following two areas.

A) In the Indian ocean around Bay of Bengal

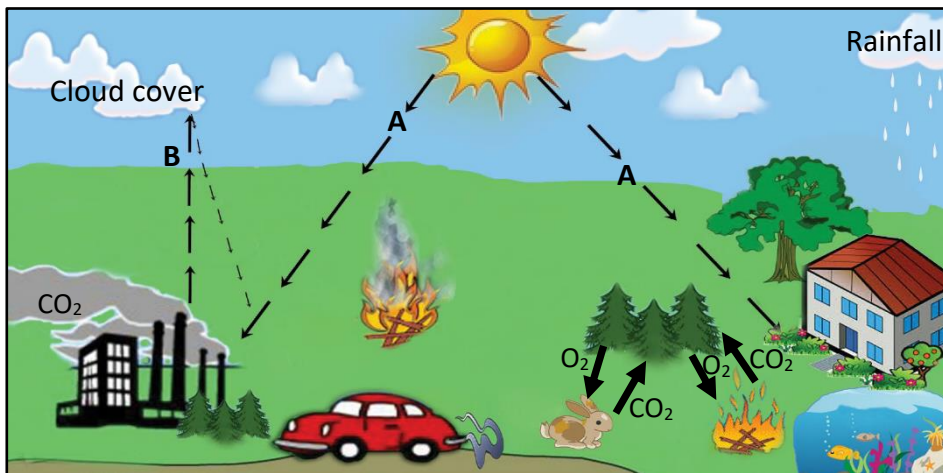
B) In the Indian ocean near Northwest coast of Australia

(2 marks)

(ii) Mention **three** impacts of cyclones to physical and human environment. (3 marks)

(iii) Write **three** actions taken to respond disasters and explain **one** of them. (5 marks)

8.



(i) Name the occasions A and B in the picture above. (2 marks)

(ii) Name **three** greenhouse gases that increase global warming. (3 marks)

(iii) a) State **two** impacts of global warming on human activities. (2 marks)

b) Write **two** strategies taken by the government of Sri Lanka in reducing the impacts of climate change and explain **one** of them in brief. (3 marks)

Geography II

1. (a)

i.-----

ii.-----

iii.-----

iv.-----

v.-----

vi.-----

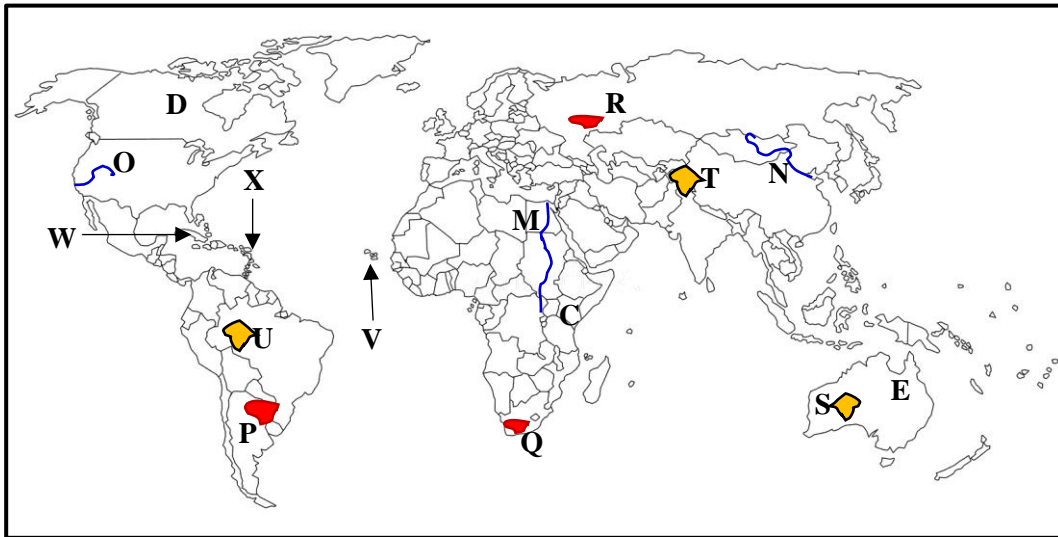
vii.-----

viii.-----

ix.-----

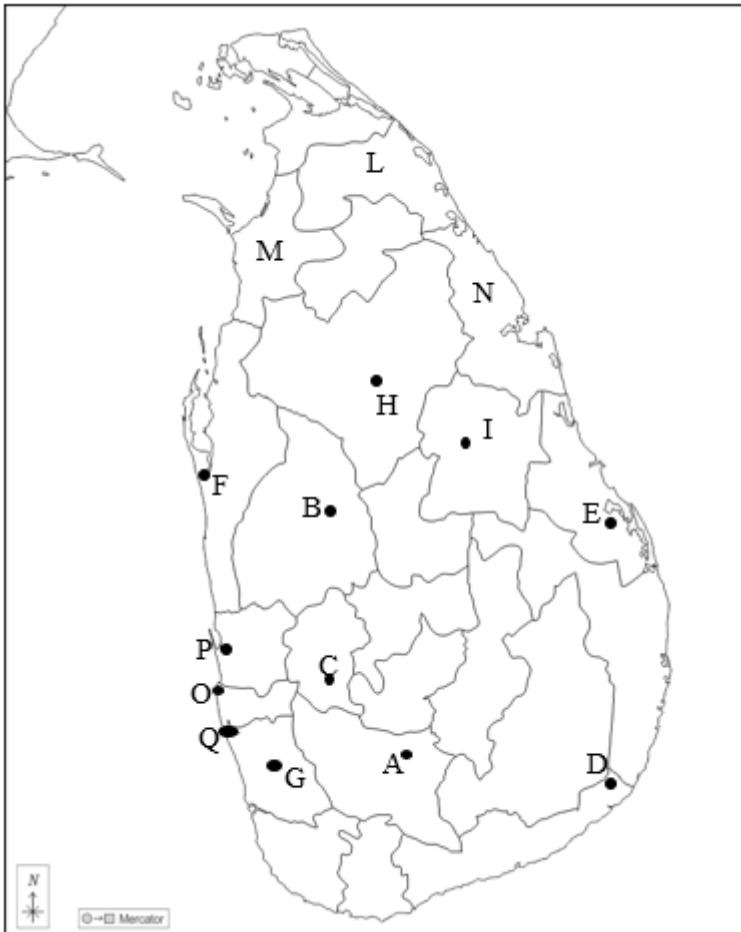
x.-----

(b)



- (i)
- (ii)
- (iii)
- (iv)
- (v)
- 5

(c)



- (i)
- (ii)
- (iii)
- (iv)
- (v)
- 5

1. (a) $\frac{\quad}{10}$ + (b) $\frac{\quad}{5}$ + (c) $\frac{\quad}{5}$ = $\frac{\quad}{20}$

G.C.E. (Ordinary Level) Model Paper - 2023 (2024)

Geography

61

E

II



1:50,000

