

OL/2024(2025)/61/E-I, II

සියලු ම හිමිකම් ඇවිරිණි / முழுப் பதிப்புரிமையுடையது / All Rights Reserved

ශ්‍රී ලංකා විභාග දෙපාර්තමේන්තුව ශ්‍රී ලංකා විභාග දෙපාර්තමේන්තුව ශ්‍රී ලංකා විභාග දෙපාර්තමේන්තුව ශ්‍රී ලංකා විභාග දෙපාර්තමේන්තුව ශ්‍රී ලංකා විභාග දෙපාර්තමේන්තුව
 இலங்கைப் பரீட்சைத் திணைக்களம் இலங்கைப் பரීட்சைத் திணைக்களம் இலங்கைப் பரීட்சைத் திணைக்களம் இலங்கைப் பரීட்சைத் திணைக்களம் இலங்கைப் பரීட்சைத் திணைக்களம்
 Department of Examinations, Sri Lanka Department of Examinations, Sri Lanka Department of Examinations, Sri Lanka Department of Examinations, Sri Lanka Department of Examinations, Sri Lanka
61 | E | I, II
 Department of Examinations, Sri Lanka Department of Examinations, Sri Lanka Department of Examinations, Sri Lanka Department of Examinations, Sri Lanka Department of Examinations, Sri Lanka

Paper	Marks
I	

අධ්‍යයන පොදු සහතික පත්‍ර (සාමාන්‍ය පෙළ) විභාගය, 2024(2025)
 கல்விப் பொதுத் தராதரப் பத்திர (சாதாரண தர)ப் பரீட்சை, 2024(2025)
 General Certificate of Education (Ord. Level) Examination, 2024(2025)

Examiner 1	
Examiner 2	
EMF	

භූගෝල විද්‍යාව I, II
 புவியியல் I, II
Geography I, II

පැය තුනයි
 மூன்று மணித்தியாலம்
Three hours

අමතර කියවීමේ කාලය මිනිත්තු 10 යි
 மேலதிக வாசிப்பு நேரம் - 10 நிமிடங்கள்
 Additional Reading Time - 10 minutes

Use additional reading time to go through the question paper, select the questions you will answer and decide which of them you will prioritise.

Geography I

Index No:

Instructions:

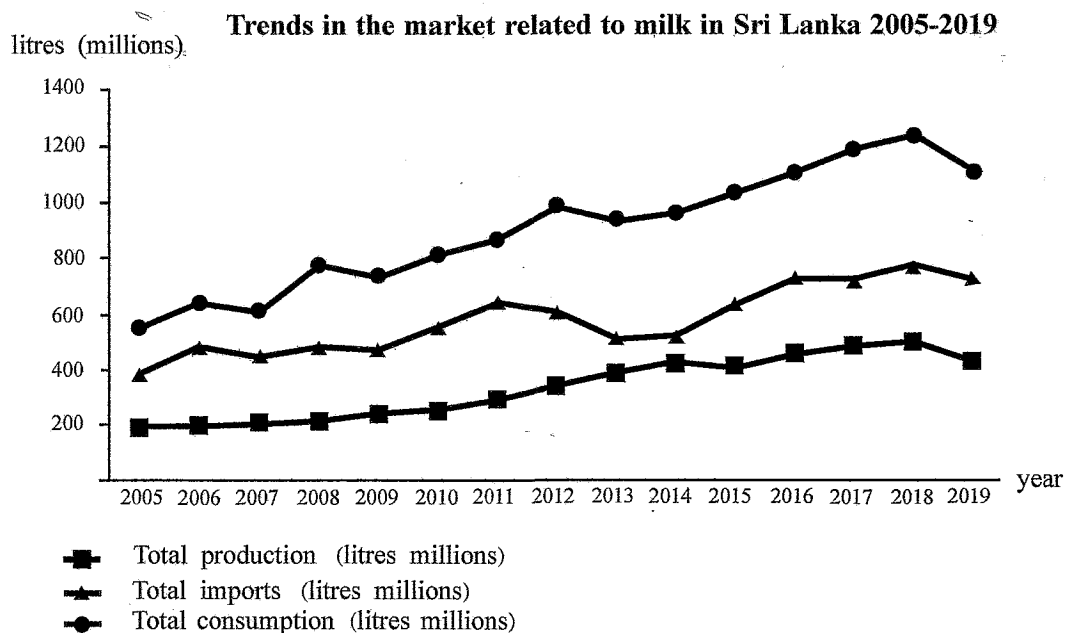
- * This question paper comprises 40 questions.
- * Answer all questions on this paper itself in accordance with the instructions given for each question.

- From the answers given in the parentheses, select the answer that suits the blank in each question from No. 1 to 5 and write it on the dotted line.
- Primarily based on the nature of change in temperature with, the atmosphere is divided into four strata.
(altitude / pressure / humidity)
 - Due to the change in the original nature of various rocks exposed to high temperature and pressure, rocks are created.
(igneous / sedimentary / metamorphic)
 - The silica sand mineral in Sri Lanka is mostly distributed in the area.
(Marawila / Pulmoddai / Balangoda)
 - The major commercial crop cultivation in the districts of Kalutara, Kegalle and is rubber.
(Ratnapura / Kurunegala / Badulla)
 - Of the population of Sri Lanka, the highest percentage belongs to people.
(rural / urban / estate)
- Read each statement from No. 6 to 10 and circle 'C' if it is correct or circle 'W' if it is incorrect.
- The 'Hawaii' islands have been created as a result of volcanic activity. C / W
 - 'Sahara', 'Arabian' and 'Thar' deserts are located within the Tropical climatic region. C / W
 - The tea cultivation distributed in the districts of Matara, Galle and Kalutara is known as 'mid-country' tea. C / W
 - Of the buffalo cattle in Sri Lanka domesticated for milk, 2/3 are in the Dry Zone regions. C / W
 - The cyclones originated in the Bay of Bengal in the Indian Ocean are known as 'Hurricanes'. C / W

- In questions from No. 11 to 16 fill the blanks with suitable words.

- The water contained in the soils is known as
- Since the continental crust made of Granite rocks is constituted of Silica and Aluminium, it is known as strata.
- Elahera and Okkampitiya are famous for the mineral.
- According to the distribution of population in the continents of the world, 76% of the total population lives in the two continents of Asia and
- According to the location of cottage industries in Sri Lanka, Pilimalalawa area is famous for industry.
- Of all forest types, the highest bio-diversity could be seen in forests.

- To answer the questions from No. 17 to 19, use the graph shown below.



- According to the above graph, the annual total milk consumption attains a maximum value in the year
 - The largest gap between the annual total quantity of milk production and imports can be seen in the year
 - Of the production and imports, which has largely influenced the fluctuations in the total milk consumption?
- In questions from No. 20 to 24 two columns are shown as 'a' and 'b'. On the dotted line write the number of the answer that shows the correct order when the information given in column 'a' is matched with the information given in column 'b' provided against it.

20.		'a'		'b'	
		Crop		Location of the research institute	
		1. Paddy		A - Matale	
		2. Tea		B - Labukele	
		3. Minor export crops		C - Bombuwala	
				D - Talawakele	
		(1) A, B, C	(2) B, C, D	(3) C, D, A	(4) D, C, A (.....)

21. 'a' **Power station**
 1. Canyon
 2. Norochhole
 3. Baruthakanda
 (1) A, B, C (2) B, C, D
- 'b' **Source of electricity**
 A - Thermal electricity
 B - Wind power
 C - Solar power
 D - Hydro electricity
 (3) C, B, D (4) D, A, C (.....)
22. 'a' **Tourist attraction**
 1. Surfing
 2. Oceanic sanctuary (Coral)
 3. Shallow sea bounded by wide sandy areas
 (1) A, B, C (2) B, C, D
- 'b' **Important locations**
 A - Arugam bay
 B - Hikkaduwa
 C - Pasikuda
 D - Mannar
 (3) C, B, A (4) C, D, A (.....)
23. 'a' **Country**
 1. United States of America
 2. South Korea
 3. Argentina
 (1) A, B, C (2) B, C, D
- 'b' **Million city**
 A - Sao Paulo
 B - Los Angeles
 C - Seoul
 D - Buenos Aires
 (3) C, B, A (4) D, B, C (.....)
24. 'a' **Volcano**
 1. Krakatoa
 2. Hekla
 3. Pinatubo
 (1) A, B, C (2) B, C, D
- 'b' **Country of location**
 A - Italy
 B - Indonesia
 C - Iceland
 D - Philippine islands
 (3) C, B, A (4) D, B, C (.....)
- For each question from No. 25 to 37, select the **correct** or **most appropriate** answer from the options given and **write its number on the dotted line** provided against it.
25. The two oceans connected by the 'Panama canal' are
 (1) Atlantic and Pacific. (2) Pacific and Indian.
 (3) Indian and Atlantic. (4) Pacific and Arctic. (.....)
26. Select the option which shows an inverse relationship.
 (1) Global warming - Melting of snow cover (2) Deforestation - Desertification
 (3) Rainfall - Landslides (4) Altitude - Temperature (.....)
27. What is the answer that does **not** match, in relation to minor export crops in Sri Lanka?
 (1) Flower varieties - Nuwara Eliya (2) Cloves - Kandy
 (3) Cashew - Mannar (4) Pepper - Monaragala (.....)
28. At present, for what purpose the large ships are used mostly?
 (1) Cargo transportation (2) Passenger transportation
 (3) War activities (4) Fisheries activities (.....)
29. A **non-metal** mineral is
 (1) Gems. (2) Ilmenite. (3) Rutile. (4) Magnesium. (.....)
30. What is the pair of districts in Sri Lanka, where the ground water basins are distributed mostly?
 (1) Mannar and Mullaitivu (2) Anuradhapura and Kurunegala
 (3) Puttlam and Kilinochchi (4) Trincomalee and Vavuniya (.....)

31. Select the option which contains the two countries leading in world wheat production.
 (1) China and Canada (2) India and Russia
 (3) Australia and Canada (4) China and India (.....)
32. Which of the following is an area where montane dry zone forest can be seen?
 (1) Kanneliya (2) Samanala kanda (3) Moon Plains (4) Pidurutalagala (.....)
33. Select the answer that shows the location of cities shown in ascending order according to their height from the sea level.
 (1) Trincomalee, Kandy, Nuwara Eliya and Hatton
 (2) Trincomalee, Kandy, Hatton and Nuwara Eliya
 (3) Kandy, Hatton, Nuwara Eliya and Nawalapitiya
 (4) Kandy, Nuwara Eliya, Hatton and Gampola (.....)
34. Consider the phrases given below.
 A - Minimization of environmental pollution
 B - Minimization of basic costs
 C - Being a non-depleting resource
 D - Possibility of using local technology
 Of the phrases shown from A to D above, select the correct answer that contains the general advantages in relation to wind power and solar power generation and use in Sri Lanka.
 (1) A and B (2) A and C (3) A and D (4) C and D (.....)
35. A highly populated river valley according to the World population distribution is
 (1) Congo. (2) Murray-Darling. (3) Ganges. (4) Amazon. (.....)
36. An example for a geological hazard is
 (1) Tsunami. (2) Cyclones. (3) Lightning. (4) Wild fire. (.....)
37. The most beneficial measure that could be adopted to minimize the occurrence of disasters in Sri Lanka is
 (1) creating a continuous awareness through mass media.
 (2) introduction of tools to minimize disasters.
 (3) introduction of modern construction methods that could withstand disasters.
 (4) continuous implementation of disaster protection programmes through school education. (.....)
- Carefully study the interconnected pairs of topics given below in A, B, C and D and answer the questions from No. 38 to 40.
- | | |
|--------------------------------|------------------------------|
| A - 1. Conservation of forests | B - 1. Industrialization |
| 2. Water catchment areas | 2. Environmental equilibrium |
| C - 1. Development process | D - 1. Scarcity of Capital |
| 2. Human resource | 2. Multinational companies |
38. What is the pair of topics which indicates the success of the first would be favourable to the existence of the second?
 (1) A (2) B (3) C (4) D (.....)
39. What is the pair of topics which shows that the first would be an obstacle to the existence of the second?
 (1) A (2) B (3) C (4) D (.....)
40. What is the pair of topics which shows that the progress in the second would influence the success of the first?
 (1) A (2) B (3) C (4) D (.....)

සියලු ම හිමිකම් ඇවිරිණි / முழுப் பதிப்புரிமையுடையது / All Rights Reserved]

ශ්‍රී ලංකා විභාග දෙපාර්තමේන්තුව ශ්‍රී ලංකා විභාග දෙපාර්තමේන්තුව ශ්‍රී ලංකා විභාග දෙපාර්තමේන්තුව ශ්‍රී ලංකා විභාග දෙපාර්තමේන්තුව ශ්‍රී ලංකා විභාග දෙපාර්තමේන්තුව
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61 E I, II

අධ්‍යයන පොදු සහතික පත්‍ර (සාමාන්‍ය පෙළ) විභාගය, 2024(2025)
 கல்விப் பொதுத் தராதரப் பத்திர (சாதாரண தர)ப் பரீட்சை, 2024(2025)
 General Certificate of Education (Ord. Level) Examination, 2024(2025)

භූගෝල විද්‍යාව I, II
 புவிப்பியல் I, II
 Geography I, II

Geography II

- * This paper consists of two parts I and II.
- * The question 01 in Part I is compulsory. All three parts of it, namely (a), (b) and (c) should be answered.
- * From Part II, four questions should be answered.
- * The total number of questions to be answered is five.

Part I

1. (a) Study the 1:50 000 topographic map section of Sri Lanka provided to you and answer the following questions based on it. In answering, use the paper (page No. 8) provided to you.
 - For questions from No. (i) to (iv), write the appropriate answer selecting from the parentheses.
 - (i) What is the feature shown by the letter A?
(historical place / trigonometric station / rest house) (01 mark)
 - (ii) What is shown by the letter B?
(irrigation canal / foot path / protected area) (01 mark)
 - (iii) What is the feature shown by the letter C?
(rock outcrop / forest / scrub) (01 mark)
 - (iv) What is the administrative boundary shown by the letter D?
(Provincial / District / Divisional Secretariat) (01 mark)
 - (v) Name two institutions shown by standard symbols that provide public services in the quadrilateral shown by the letter P? (02 marks)
 - (vi) Assume that you travel along the A - 26 highway towards north from location X to location Y passing the 73rd km post.
 - (a) What is the total distance you have travelled in km approximately? (01 mark)
 - (b) When you look from Y where you concluded your travel, in which direction X is located from where you started your travel? (01 mark)
 - Two statements about the map area are given in questions (vii) and (viii). Read each of those statements and if they are correct write 'C' and if they are incorrect write 'W' in front of the question number in the answer sheet.
 - (vii) Paddy cultivation in the area is carried out using the irrigated water. (01 mark)
 - (viii) As a whole, a radial drainage pattern can be seen in the area. (01 mark)
- (b) Carefully study the world map provided to you and answer the questions given below. In answering, use the boxes located adjacent to the map (page No. 9).
 - Three English letters are given in front of each question from (i) to (v). Select the letter from the world map which indicates the correct answer and write it in the adjacent box.
 - (i) Appalachian Mountain Range – A, B, C
 - (ii) Lake Titikaka – D, E, F
 - (iii) Niger river – G, H, I
 - (iv) Ukraine – J, K, L
 - (v) Bangkok city – M, P, S

(05 marks)

[See page six]

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- (c) Carefully study the map of Sri Lanka provided to you and answer the questions given below. In answering, use the boxes located adjacent to the map of Sri Lanka (Page No. 9).
- Three English letters are given in front of each question from No. (i) to (v). Select the letter from the map which indicates the correct answer for each question and write it in the adjacent box.

(i) Uma Oya – **A**, **B**, **C**

(ii) 'Ritigala' strict natural reserve – **D**, **E**, **F**

(iii) 'Pulmoddai' Ilmenite deposit – **G**, **H**, **I**

(iv) Kalpitiya town – **J**, **K**, **L**

(v) 'Mirissa' fisheries harbour – **R**, **S**, **T**

(05 marks)

Part II

2. (i) Of the types of gases contained in the Earth's atmosphere, respectively name,
 (a) gas essential for human respiration
 (b) gas essential for photosynthesis (02 marks)
- (ii) (a) Lapse rate
 (b) Ozone
 (c) Lowest temperature
 Name the **three** atmospheric layers that belongs the above mentioned features respectively. (03 marks)
- (iii) (a) State **three** unfavourable impacts on the healthy existence of the biosphere due to the atmospheric pollution.
 (b) Explain how you could contribute to the healthy existence of the biosphere. (05 marks)
3. (i) Name **two** physical factors essential for the cultivation of tea successfully. (02 marks)
 (ii) State **three** problems related to the tea industry in Sri Lanka. (03 marks)
 (iii) State **three** steps that have been taken by the government to develop tea industry in Sri Lanka and explain **one** of them. (05 marks)
4. (i) Name **two** countries belonging to the Asian region holding a leading place in the electronic industry. (02 marks)
 (ii) State **three** specific features of the electronic industry. (03 marks)
 (iii) (a) State,
 (I) **two** favourable effects and
 (II) **one** unfavourable effect
 on the society due to the use of electronic appliances.
 (b) Explain how **one** of the favourable effects that you have mentioned contributes to the development of Sri Lanka. (05 marks)

5. (i) Name respectively the **two** National Parks marked as **Ⓐ** and **Ⓑ** in the adjoining map. (02 marks)

- (ii) Name respectively the main forest types belonging to groups **Ⓐ**, **Ⓑ** and **Ⓒ** mentioned below.

Ⓐ - Mahogany, Ebony - Tiger, Chimpanzee

Ⓑ - Eucalyptus, Chesnut - Wolf, Stag

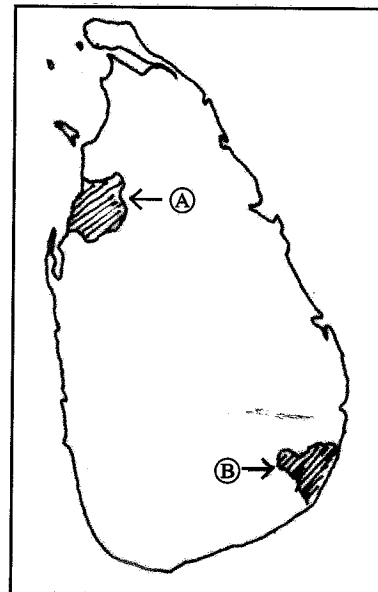
Ⓒ - Poplar, Pine - Caribou, Panda (03 marks)

- (iii) Provide a brief description on the 'Mangroves' a natural vegetation type distributed in Sri Lanka, according to the headings given below.

(a) Distributed areas

(b) Two specific features of the plants

(c) Economic value (05 marks)



6. (i) Name the **two** factors used to define the density of population in a certain area. (02 marks)

- (ii) Name **three** Asian countries excluding India and China among the highest ten populated countries in the world. (03 marks)

- (iii) State **three** measures that could be taken to minimize the inequalities in the distribution of population in Sri Lanka and describe **one** of them. (05 marks)

7. (i) Name **two** major sectors on which the attention is focussed in sustainable development. (02 marks)

- (ii) State **three** measures that have been taken in recent years to develop human resources in Sri Lanka. (03 marks)

- (iii) State **three** benefits derived from the improvement of infra-structure facilities in the development process of Sri Lanka and explain **one** of them. (05 marks)

8. (i) Name **two** river valleys in the wet zone of Sri Lanka susceptible to recurrent flood hazard. (02 marks)

- (ii) State respectively

(a) **two** human activities and

(b) a natural reason

that have influenced the recurrent flooding of some major cities in Sri Lanka recently. (03 marks)

- (iii) Mention **three** measures that could be adopted to mitigate the disasters occurring in urban areas due to flooding and provide a brief description about **one** of those measures. (05 marks)

ශ්‍රී ලංකා විභාග දෙපාර්තමේන්තුව/இலங்கைப் பரீட்சைத் திணைக்களம்/Department of Examinations, Sri Lanka

අධ්‍යයන පොදු සහතික පත්‍ර (සාමාන්‍ය පෙළ) විභාගය, 2024 (2025)

கல்விப் பொதுத் தராதரப் பத்திர (சாதாரண தர)ப் பரீட்சை, 2024 (2025)

General Certificate of Education (Ord. Level) Examination, 2024 (2025)

විභාග අංකය

சுட்டெண்

Index Number

(61) භූගෝල විද්‍යාව II
புவியியல் II
Geography II

1. (අ) / (அ) / (a)

(i)

(ii)

(iii)

(iv)

(v)

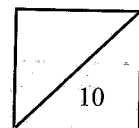
(vi) (a)

(b)

(vii)

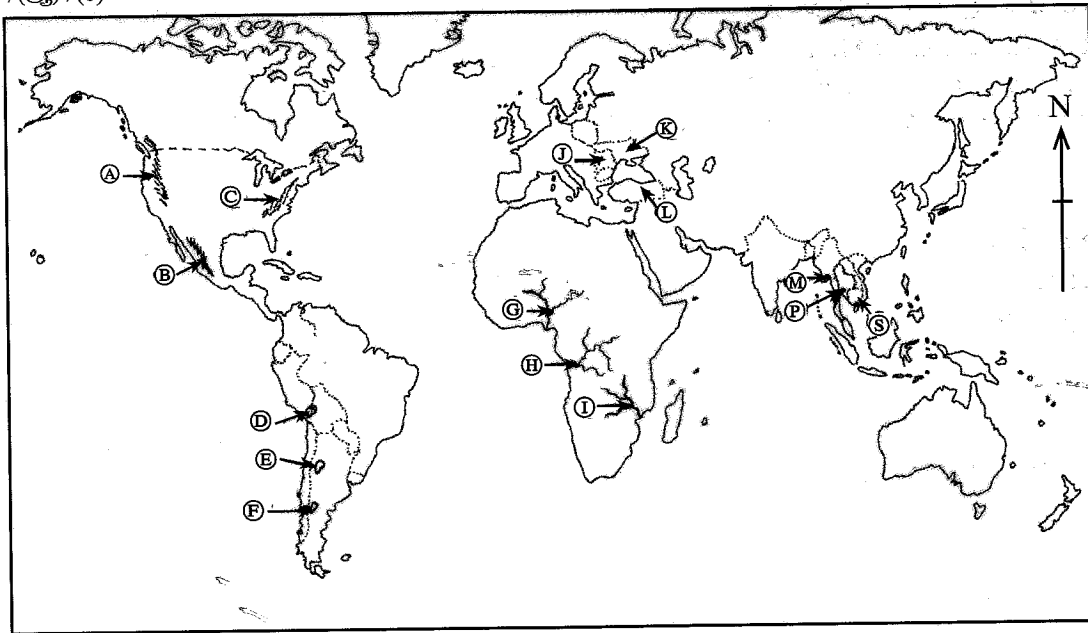
(viii)

පරීක්ෂකවරයාගේ
ප්‍රයෝජනය පිණිසයි.
பரீட்சகரின்
உபயோகத்திற்கு மட்டும்
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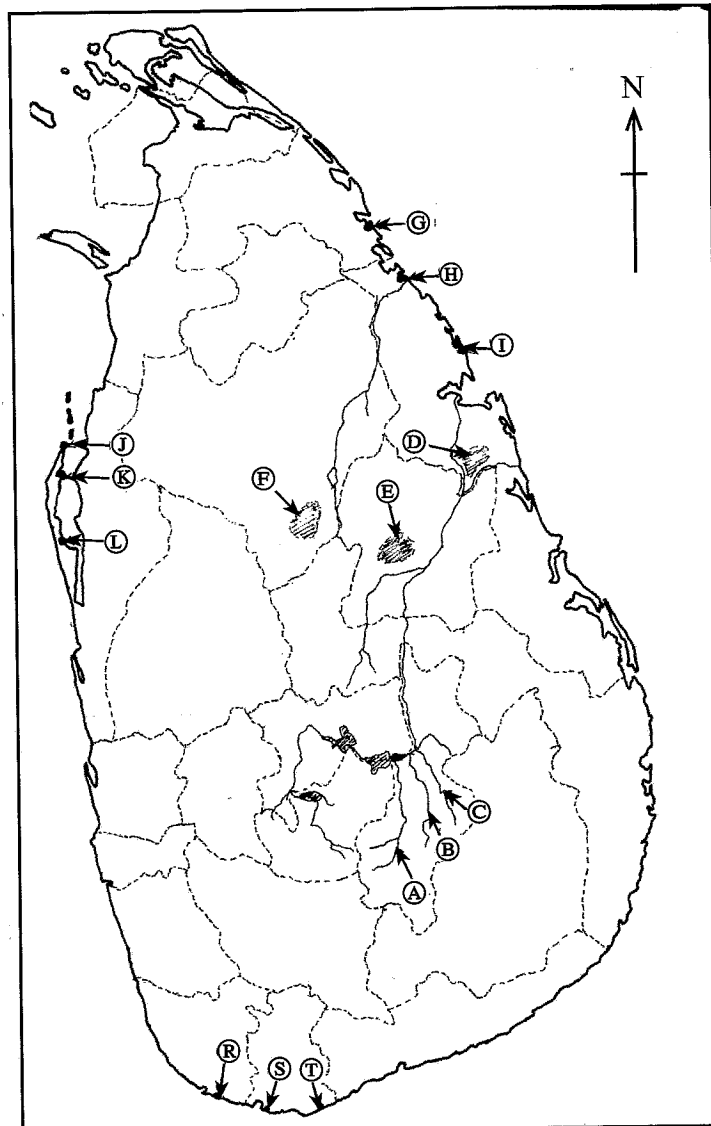
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(ආ) / (ඉ) / (b)



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

(৯) / (৯) / (c)



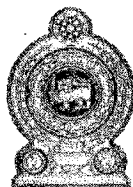
- (i) 
- (ii) 
- (iii) 
- (iv) 
- (v) 
- 

பரீක්ஷகுவரையாளர் ப்ரயோச்சனய பிணியடி, பரிச்சகரின் உபயோகத்திற்கு மட்டும். For Examiner's Use Only.

1. (ඈ) (ඈ) (a) 10

(ဇာ) (ဗ) (b) 5

(3) (2) (c) $\frac{5}{5} = \frac{20}{20}$

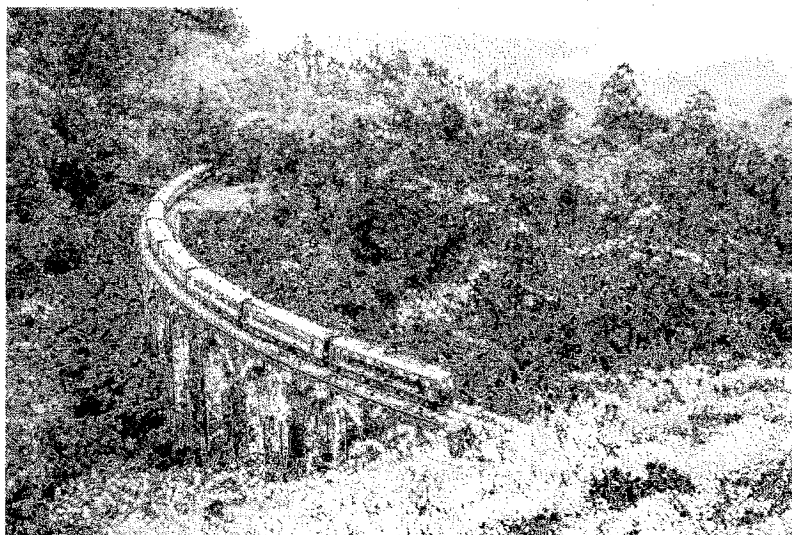


Department of Examinations – Sri Lanka

G.C.E. (O/L) Examination – 2024 (2025)

61 - Geography

Marking Scheme



This document has been prepared for the use of Marking Examiners. Some changes would be made according to the views presented at the Chief Examiner's Meeting.

G.C.E. (O/L) Examination – 2024 (2025)**61 – Geography****Computation of final marks****Paper I**

Question No. 1 - 40 (01 x 40) = Marks 40

Paper II**Part I**

Question No. 01 Marks 20

Part II

Question No. 02 Marks 10

Question No. 03 Marks 10

Question No. 04 Marks 10

Question No. 05 Marks 10

Question No. 06 Marks 10

Question No. 07 Marks 10

Question No. 08 Marks 10

04 Questions 40 Marks

Paper I Marks 40

Paper II Marks 60

Final **Marks 100**

G.C.E.(O/L) EXAMINATION - 2024 (2025)

Common Techniques of Marking Answer Scripts.

It is compulsory to adhere to the following standard method in marking answer scripts and entering mark sheets.

1. Each Assistant Examiner should use red colour ball-point pen for marking answer scripts.
2. A purple colour ball-point pen should be used by Chief Examiners.
3. Code number of the Assistant Examiner should be noted down on front page of each answer script. Enter marks in **clear numerals**.
4. Write off incorrectly written numerals with a clear single line and authenticate the alterations with Examiner's initial.
5. Enter the marks of each subsection of a question as a rational number in the given space of Δ and the final marks of each question should be entered as a total rational number in the given space of $\square$ by denoting respective question number as well. Use the column assigned for the Examiners to write marks.
6. Evaluation Mark Finalizer should use blue or black colour pen to verify the accuracy of the marks.

Example:

Question No. 03

(i)

.....
.....
.....

✓

Δ
 $\frac{4}{5}$

(ii)

.....
.....
.....

✓

Δ
 $\frac{3}{5}$

(iii)

.....
.....
.....

✓

Δ
 $\frac{3}{5}$

03

(i)

$\frac{4}{5}$

+

(ii)

$\frac{3}{5}$

+

(iii)

$\frac{3}{5}$

=

$\square$
 $\frac{10}{15}$

MCQ answer scripts: (Template)

1.
 - i. Mark the correct options on the template according to the Marking Scheme.
 - ii. Cut off the marked windows with a blade.
 - iii. Cut off the cages for Index Number and the number of correct options so as to be able to keep the template correctly on the answer script.
 - iv. Cut off a blank space to the right of each options column to mark the answers.
 - v. Cut off the cages for the subject number and the subject to be clearly visible.
 - vi. **Submit the prepared template to the Chief Examiner for approval.**
2. Then, check the answer scripts carefully. If there are more than one or no answers marked to a certain question write off the options with a line. Sometimes candidates may have erased an option marked previously and selected another option. In such occasions, if the erasure is not clear write off those options too.
3. Place the template on the answer script correctly. Mark the right answers with a '✓' and the wrong answers with a 'X' against the options column. Write down the number of correct

answers inside the cage given under each column. Then, add those numbers and write the number of correct answers in the relevant cage.

Structured essay type and essay type answer scripts:

1. Cross off any pages left blank by candidates. **Underline wrong or unsuitable answers and write cross mark. Point-out areas by a check mark, where marks can be offered.**
2. Use the right margin of the overland paper to write down the marks.
3. Write down the marks given for each question against the question number in the relevant cage on the front page in **two digits**. Selection of questions should be in accordance with the instructions given in the question paper. Mark all answers and transfer the marks to the front page, and write off answers with lower marks if extra questions have been answered against instructions.
4. Add the total marks carefully and write in the relevant cage on the front page. Turn pages of answer script and add all the marks given for all answers again. Check whether that total tallies with the total marks written on the front page.

Preparation of Mark Sheets.

Except for the subjects with a single question paper, final marks of two papers will not be calculated within the evaluation board. Therefore, add separate mark sheets for each of the question paper. Enter paper I marks in "Total Marks" column of the mark sheet and write them in words as well. Enter paper II Marks in the "Total Marks" Column and include the relevant details. For the subject 43 Art, Paper I, II and III Marks should be entered numerically in the separate mark sheets and **should also be written in words**.

For subjects 21 Sinhala language and literature and 22 Tamil Language and literature, paper I marks once entered numerically should be written in words. Use separate marks sheets for the papers II and III and enter the total marks in the "Total marks column". Write the relevant detailed marks against each of the total mark.

N.B.: -

- I. **Final marks for paper I, paper II or paper III should always be rounded up to the nearest whole number and they should never be kept as decimal or half values.**
- II. **Each page of the mark sheet should be compulsorily verified by the Assistant Examiner who entered marks to the mark sheet, Assistant Examiner who checked the mark sheet, the Verifying Examiner of the evaluation marks and Chief Examiner by placing respective code number and the signature.**

61 - Geography

Paper I

Learning outcomes:

1. Explains the major physical Landscapes on the crust of the earth.
2. Names the major physical characteristics of the physical landscape.
3. Explains the basic rock composition of the lithosphere.
4. States the process of exchange of water in the Hydrosphere to the Lithosphere, Atmosphere and Biosphere (Water Cycle)
5. Explains the special characteristics of each of the Layers in the atmosphere.
6. Explains the special characteristics of paddy cultivation in Sri Lanka.
7. Explains the characteristics of manufacturing industries of the world.
8. Names the minerals abundantly utilized in Sri Lanka.
9. Describes using statistics the characteristics of the world population.
10. Clarifies the importance of human resource development.
11. Interprets graphs and explains information related to such graphs.

OL/2024(2025)/61/E-I, II

සියලු ම හිමිකම් ඇවිරිණි / முழுப் பதிப்புரிமையுடையது / All Rights Reserved]

ශ්‍රී ලංකා විභාග දෙපාර්තමේන්තුව
இலங்கைப் பரீட்சைத் திணைக்களம்
Department of Examinations, Sri Lanka
பரீட்சைத் திணைக்களம், இலங்கை

61 | E | I, II

Paper	Marks
I	

අධ්‍යයන පොදු සහතික පත්‍ර (සාමාන්‍ය පෙළ) විභාගය, 2024(2025)
கல்விப் பொதுத் தராதரப் பத்திர (சாதாரண தர)ப் பரீட்சை, 2024(2025)
General Certificate of Education (Ord. Level) Examination, 2024(2025)

Examiner 1	
Examiner 2	
EMF	

භූගෝල විද්‍යාව I, II
புவியியல் I, II
Geography I, II

පැය තුනයි
மூன்று மணித்தியாலம்
Three hours

අමතර කියවීමේ කාලය මිනිත්තු 10 යි.
மேலதிக வாசிப்பு நேரம் - 10 நிமிடங்கள்
Additional Reading Time - 10 minutes

Use additional reading time to go through the question paper, select the questions you will answer and decide which of them you will prioritise.

Geography I

Index No:

Instructions:

- * This question paper comprises 40 questions.
- * Answer all questions on this paper itself in accordance with the instructions given for each question.

- From the answers given in the parentheses, select the answer that suits the blank in each question from No. 1 to 5 and write it on the dotted line.

- Primarily based on the nature of change in temperature with **altitude** the atmosphere is divided into four strata.
(altitude / pressure / humidity)
- Due to the change in the original nature of various rocks exposed to high temperature and pressure, **metamorphic** rocks are created.
(igneous / sedimentary / metamorphic)
- The silica sand mineral in Sri Lanka is mostly distributed in the **Marawila** area.
(Marawila / Pulmoddai / Balangoda)
- The major commercial crop cultivation in the districts of Kalutara, Kegalle and **Ratnapura** is rubber.
(Ratnapura / Kurunegala / Badulla)
- Of the population of Sri Lanka, the highest percentage belongs to **rural** people.
(rural / urban / estate)
- Read each statement from No. 6 to 10 and circle 'C' if it is correct or circle 'W' if it is incorrect.
- The 'Hawaii' islands have been created as a result of volcanic activity. (C) W
- 'Sahara', 'Arabian' and 'Thar' deserts are located within the Tropical climatic region. (C) W
- The tea cultivation distributed in the districts of Matara, Galle and Kalutara is known as 'mid-country' tea. C (W)
- Of the buffalo cattle in Sri Lanka domesticated for milk, 2/3 are in the Dry Zone regions. (C) W
- The cyclones originated in the Bay of Bengal in the Indian Ocean are known as 'Hurricanes'. C (W)

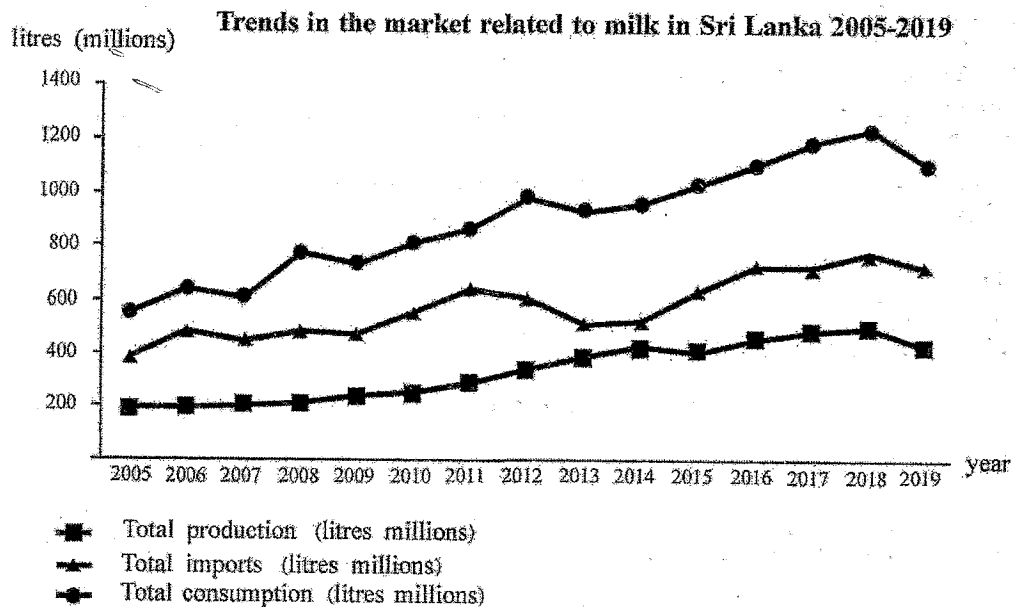
OL/2024(2025)/61/E-I, II

- 2 -

- In questions from No. 11 to 16 fill the blanks with suitable words.

11. The water contained in the soils is known as **Soil water**
12. Since the continental crust made of Granite rocks is constituted of Silica and Aluminium, it is known as **sial** strata.
13. Elahera and Okkampitiya are famous for the **Gems** mineral.
14. According to the distribution of population in the continents of the world, 76% of the total population lives in the two continents of Asia and **Africa**
15. According to the location of cottage industries in Sri Lanka, Pilimatalawa area is famous for **brassware** industry.
16. Of all forest types, the highest bio-diversity could be seen in **Tropical Rain** forests.

- To answer the questions from No. 17 to 19, use the graph shown below.



17. According to the above graph, the annual total milk consumption attains a maximum value in the year **2018**
 18. The largest gap between the annual total quantity of milk production and imports can be seen in the year **2011**
 19. Of the production and imports, which has largely influenced the fluctuations in the total milk consumption? **Imports**
- In questions from No. 20 to 24 two columns are shown as 'a' and 'b'. On the dotted line write the number of the answer that shows the correct order when the information given in column 'a' is matched with the information given in column 'b' provided against it.

- | | |
|---|---|
| <p>20. 'a'</p> <p>Crop</p> <ol style="list-style-type: none"> 1. Paddy 2. Tea 3. Minor export crops | <p>'b'</p> <p>Location of the research institute</p> <ol style="list-style-type: none"> A - Matale B - Labukele C - Bombuwala D - Talawakele |
| <p>(1) A, B, C (2) B, C, D</p> | <p>(3) C, D, A (4) D, C, A (...3...)</p> |

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- 3 -

21. 'a' **Power station**
 1. Canyon
 2. Norochohole
 3. Baruthakanda
 (1) A, B, C (2) B, C, D (3) C, B, D (4) D, A, C (...4...)
- 'b' **Source of electricity**
 A - Thermal electricity
 B - Wind power
 C - Solar power
 D - Hydro electricity
22. 'a' **Tourist attraction**
 1. Surfing
 2. Oceanic sanctuary (Coral)
 3. Shallow sea bounded by wide sandy areas
 (1) A, B, C (2) B, C, D (3) C, B, A (4) C, D, A (...1...)
- 'b' **Important locations**
 A - Arugam bay
 B - Hikkaduwa
 C - Pasikuda
 D - Mannar
23. 'a' **Country**
 1. United States of America
 2. South Korea
 3. Argentina
 (1) A, B, C (2) B, C, D (3) C, B, A (4) D, B, C (...2...)
- 'b' **Million city**
 A - Sao Paulo
 B - Los Angeles
 C - Seoul
 D - Buenos Aires
24. 'a' **Volecano**
 1. Krakatoa
 2. Hekla
 3. Pinatubo
 (1) A, B, C (2) B, C, D (3) C, B, A (4) D, B, C (...2...)
- 'b' **Country of location**
 A - Italy
 B - Indonesia
 C - Iceland
 D - Philippine islands
- For each question from No. 25 to 37, select the correct or most appropriate answer from the options given and write its number on the dotted line provided against it.
25. The two oceans connected by the 'Panama canal' are
 (1) Atlantic and Pacific. (2) Pacific and Indian.
 (3) Indian and Atlantic. (4) Pacific and Arctic. (...1...)
26. Select the option which shows an inverse relationship.
 (1) Global warming - Melting of snow cover (2) Deforestation - Desertification
 (3) Rainfall - Landslides (4) Altitude - Temperature (...4...)
27. What is the answer that does not match, in relation to minor export crops in Sri Lanka?
 (1) Flower varieties - Nuwara Eliya (2) Cloves - Kandy
 (3) Cashew - Mannar (4) Pepper - Monaragala (...4...)
28. At present, for what purpose the large ships are used mostly?
 (1) Cargo transportation (2) Passenger transportation
 (3) War activities (4) Fisheries activities (...1...)
29. A non-metal mineral is
 (1) Gems. (2) Ilmenite. (3) Rutile. (4) Magnesium. (...1...)
30. What is the pair of districts in Sri Lanka, where the ground water basins are distributed mostly?
 (1) Mannar and Mullaitivu (2) Anuradhapura and Kurunegala
 (3) Puttalam and Kilinochchi (4) Trincomalee and Vavuniya (...3...)

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- 4 -

31. Select the option which contains the two countries leading in world wheat production.
 (1) China and Canada (2) India and Russia
 (3) Australia and Canada (4) China and India (.....4.....)
32. Which of the following is an area where montane dry zone forest can be seen?
 (1) Kanneliya (2) Samanala kanda (3) Moon Plains (4) Pidurutalagala (...3...)
33. Select the answer that shows the location of cities shown in ascending order according to their height from the sea level.
 (1) Trincomalee, Kandy, Nuwara Eliya and Hatton
 (2) Trincomalee, Kandy, Hatton and Nuwara Eliya
 (3) Kandy, Hatton, Nuwara Eliya and Nawalapitiya
 (4) Kandy, Nuwara Eliya, Hatton and Gampola (.....2.....)
34. Consider the phrases given below.
 A - Minimization of environmental pollution.
 B - Minimization of basic costs
 C - Being a non-depleting resource
 D - Possibility of using local technology
 Of the phrases shown from A to D above, select the correct answer that contains the general advantages in relation to wind power and solar power generation and use in Sri Lanka.
 (1) A and B (2) A and C (3) A and D (4) C and D (...2...)
35. A highly populated river valley according to the World population distribution is
 (1) Congo. (2) Murray-Darling. (3) Ganges. (4) Amazon. (...3...)
36. An example for a geological hazard is
 (1) Tsunami. (2) Cyclones. (3) Lightning. (4) Wild fire. (...1...)
37. The most beneficial measure that could be adopted to minimize the occurrence of disasters in Sri Lanka is
 (1) creating a continuous awareness through mass media.
 (2) introduction of tools to minimize disasters.
 (3) introduction of modern construction methods that could withstand disasters.
 (4) continuous implementation of disaster protection programmes through school education. (.....4.....)
- Carefully study the interconnected pairs of topics given below in A, B, C and D and answer the questions from No. 38 to 40.
- | | |
|--------------------------------|------------------------------|
| A - 1. Conservation of forests | B - 1. Industrialization |
| 2. Water catchment areas | 2. Environmental equilibrium |
| C - 1. Development process | D - 1. Scarcity of Capital |
| 2. Human resource | 2. Multinational companies |
38. What is the pair of topics which indicates the success of the first would be favourable to the existence of the second?
 (1) A (2) B (3) C (4) D (.....1.....)
39. What is the pair of topics which shows that the first would be an obstacle to the existence of the second?
 (1) A (2) B (3) C (4) D (.....2.....)
40. What is the pair of topics which shows that the progress in the second would influence the success of the first?
 (1) A (2) B (3) C (4) D (.....3.....)

* *

Paper II

Learning Outcomes 1

- Names the physical features depicted in the 1:50 000 topographical map of Sri Lanka.
- Names the cultural features represented by the symbols and the conventional signs of the 1:50000 topographic map.
- Explains the interrelationship between the physical and cultural features depicted in the 1:50000 topographic map.
- Names the correct location of the places marked and shown in the outline maps of world & Sri Lanka.

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- 5 -

සියලු ම හිමිකම් ඇවිරිණි / முழுப் பதிப்புரிமையுடையது / All Rights Reserved

ශ්‍රී ලංකා විභාග දෙපාර්තමේන්තුව ශ්‍රී ලංකා විභාග දෙපාර්තමේන්තුව ශ්‍රී ලංකා විභාග දෙපාර්තමේන්තුව ශ්‍රී ලංකා විභාග දෙපාර්තමේන්තුව ශ්‍රී ලංකා විභාග දෙපාර්තමේන්තුව
 இலங்கைப் பரீட்சைத் திணைக்களம் இலங்கைப் பரීட்சைத் திணைக்களம் இலங்கைப் பரීட்சைத் திணைக்களம் இலங்கைப் பரීட்சைத் திணைக்களம் இலங்கைப் பரීட்சைத் திணைக்களம்
 Department of Examinations, Sri Lanka Department of Examinations, Sri Lanka Department of Examinations, Sri Lanka Department of Examinations, Sri Lanka Department of Examinations, Sri Lanka
 ශ්‍රී ලංකා විභාග දෙපාර්තමේන්තුව ශ්‍රී ලංකා විභාග දෙපාර්තමේන්තුව ශ්‍රී ලංකා විභාග දෙපාර්තමේන්තුව ශ්‍රී ලංකා විභාග දෙපාර්තමේන්තුව ශ්‍රී ලංකා විභාග දෙපාර්තමේන්තුව
 இலங்கைப் பரීட்சைத் திணைக்களம் இலங்கைப் பரීட்சைத் திணைக்களம் இலங்கைப் பரීட்சைத் திணைக்களம் இலங்கைப் பரීட்சைத் திணைக்களம் இலங்கைப் பரීட்சைத் திணைக்களம்
 Department of Examinations, Sri Lanka Department of Examinations, Sri Lanka Department of Examinations, Sri Lanka Department of Examinations, Sri Lanka Department of Examinations, Sri Lanka

61 E I, II

අධ්‍යයන සෞඳ්‍ය සහතික පත්‍ර (සාමාන්‍ය පෙළ) විභාගය, 2024(2025)
 கல்விப் பொதுத் தராதரப் பத்திர (சாதாரண தர)ப் பரீட்சை, 2024(2025)
 General Certificate of Education (Ord. Level) Examination, 2024(2025)

භූගෝල විද්‍යාව I, II
 புவியியல் I, II
 Geography I, II

Geography II

- * This paper consists of two parts I and II.
- * The question 01 in Part I is compulsory. All three parts of it, namely (a), (b) and (c) should be answered.
- * From Part II, four questions should be answered.
- * The total number of questions to be answered is five.

Part I

- (a) Study the 1:50,000 topographic map section of Sri Lanka provided to you and answer the following questions based on it. In answering, use the paper (page No. 8) provided to you.
 - For questions from No. (i) to (iv), write the appropriate answer selecting from the parentheses.
 - What is the feature shown by the letter A?
(historical place / trigonometric station / rest house) (01 mark)
 - What is shown by the letter B?
(irrigation canal / foot path / protected area) (01 mark)
 - What is the feature shown by the letter C?
(rock outcrop / forest / scrub) (01 mark)
 - What is the administrative boundary shown by the letter D?
(Provincial / District / Divisional Secretariat) (01 mark)
 - Name two institutions shown by standard symbols that provide public services in the quadrilateral shown by the letter P? (02 marks)
 - Assume that you travel along the A - 26 highway towards north from location X to location Y passing the 73rd km post.
 - What is the total distance you have travelled in km approximately? (01 mark)
 - When you look from Y where you concluded your travel, in which direction X is located from where you started your travel? (01 mark)
 - Two statements about the map area are given in questions (vii) and (viii). Read each of those statements and if they are correct write 'C' and if they are incorrect write 'W' in front of the question number in the answer sheet.
 - Paddy cultivation in the area is carried out using the irrigated water. (01 mark)
 - As a whole, a radial drainage pattern can be seen in the area. (01 mark)
- (b) Carefully study the world map provided to you and answer the questions given below. In answering, use the boxes located adjacent to the map (page No. 9).
 - Three English letters are given in front of each question from (i) to (v). Select the letter from the world map which indicates the correct answer and write it in the adjacent box.
 - Appalachian Mountain Range - A, B, C
 - Lake Titikaka - D, E, F
 - Niger river - G, H, I
 - Ukraine - J, K, L
 - Bangkok city - M, P, S

(05 marks)

සියලු ම හිමිකම් ඇවිරිණි / முழுப் பதிப்புரிமையுடையது / All Rights Reserved

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 Department of Examinations, Sri Lanka
 இலங்கைப் பரீட்சைத் திணைக்களம்
 Department of Examinations, Sri Lanka

61 II

අධ්‍යයන පොදු සහතික පත්‍ර (සාමාන්‍ය පෙළ) විභාගය, 2024(2025)
 கல்விப் பொதுத் தராதரப் பத்திர (சாதாரண தர)ப் பரீட்சை, 2024(2025)
 General Certificate of Education (Ord. Level) Examination, 2024(2025)

භූගෝල විද්‍යාව II / புவிமியல் II / Geography II



SCALE : 1 : 50,000

OL/2024(2025)/61/STE-I, II

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ශ්‍රී ලංකා විභාග දෙපාර්තමේන්තුව/இலங்கைப் பரீட்சைத் திணைக்களம்/Department of Examinations, Sri Lanka

අධ්‍යයන පොදු සහතික පත්‍ර (කාමන්ත පෙළ) විභාග, 2024 (2025)

විභාග අංකය

கல்விப் பொதுத் தராதரப் பத்திர (සාමාන්‍ය පෙළ) පரීட்சை, 2024 (2025)

කැඩලේ

General Certificate of Education (Ord. Level) Examination, 2024 (2025)

Index Number

(61) භූගෝල විද්‍යාව II
 புவிபியல் II
 Geography II

I. (a) / (அ) / (a)

(i) Trigonometrical Station

(ii) Irrigation canal

(iii) Scrub

(iv) Provincial boundary

(v) School/ Rest House

Sub-post office / Hospital (Naming two)

(vi) (a) 8 km

(b) South West

(vii) C

(viii) W

පරීක්ෂකවරයාගේ
 ප්‍රයෝජනය පිණිසයි.
 புரீட்சகரின்
 உபயோகத்திற்கு மட்டும்
 For Examiner's
 Use Only

(b) Carefully study the world map provided to you and answer the questions given below. In answering, use the boxes located adjacent to the map (page No. 9).

- Three English letters are given in front of each question from (i) to (v). Select the letter from the world map which indicates the correct answer and write it in the adjacent box.

(i) Appalachian Mountain Range – A, B, C

(ii) Lake Titikaka – D, E, F

(iii) Niger river – G, H, I

(iv) Ukraine – J, K, L

(v) Bangkok city – M, P, S

(05 marks)

(c) Carefully study the map of Sri Lanka provided to you and answer the questions given below. In answering, use the boxes located adjacent to the map of Sri Lanka (Page No. 9).

- Three English letters are given in front of each question from No. (i) to (v). Select the letter from the map which indicates the correct answer for each question and write it in the adjacent box.

(i) Uma Oya – A, B, C

(ii) 'Ritigala' strict natural reserve – D, E, F

(iii) 'Pulmoddai' Ilmenite deposit – G, H, I

(iv) Kalpitiya town – J, K, L

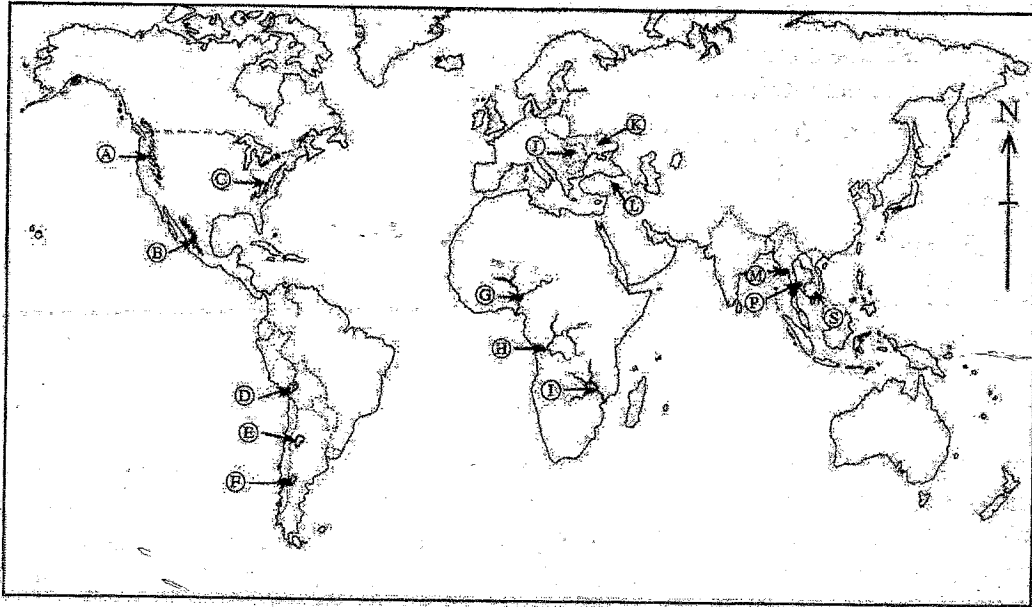
(v) 'Mirissa' fisheries harbour – R, S, T

(05 marks)

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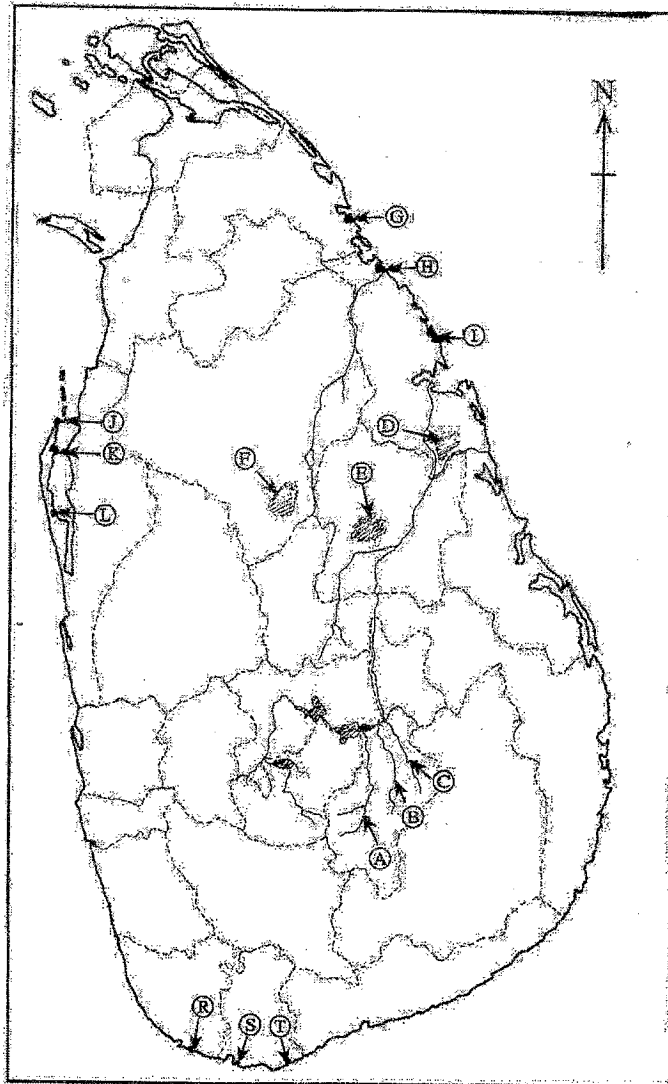
- 9 -

(அ) / (ஆ) / (b)



- (i) C
- (ii) D
- (iii) G
- (iv) K
- (v) P
- $\frac{5}{5}$

(அ) / (ஆ) / (c)



- (i) A
- (ii) F
- (iii) H
- (iv) J
- (v) S
- $\frac{5}{5}$

பரிந்துரைக்கப்பட்ட பகுதிகளை, பரிசீலனை செய்யப்படுகின்ற மதிப்பீடு. For Examiner's Use Only.

1. (அ) (ஆ) (b) $\frac{10}{5}$

(அ) (ஆ) (b) $\frac{5}{5}$

(அ) (ஆ) (c) $\frac{5}{20}$

Part II

Question 02

Learning outcomes:

- (i) Classifies the atmosphere according to type of gases and volume.
- (ii) Names the four major layers of the atmosphere in a diagram.
- (iii) Explains that there is an interaction among the biosphere and lithosphere, atmosphere and hydrosphere which are the other constituents in the composition of the earth.

2. (i) Of the types of gases contained in the Earth's atmosphere, respectively name,

- (a) gas essential for human respiration
- (b) gas essential for photosynthesis

(02 marks)

- (a) Oxygen
- (b) Carbon dioxide

(Marks 1 + 1 = 02)

- (ii) (a) Lapse rate
(b) Ozone
(c) Lowest temperature

Name the three atmospheric layers that belongs the above mentioned features respectively.

(03 marks)

- (a) Troposphere
- (b) Stratosphere
- (c) Mesosphere

(Marks 1 + 1 + 1 = 03 marks)

- (iii) (a) State three unfavourable impacts on the healthy existence of the biosphere due to the atmospheric pollution.

- (b) Explain how you could contribute to the healthy existence of the biosphere. (05 marks)

(a)

- Global warming
- Acid rains
- Changes in Bio-diversity and decrease in Bio-Products.
- Occurrence of climate changes.
- Extinction of certain animals and emergence of new species.
- Destruction of animal genes and creation of abnormalities.
- Destruction of wildlife habitats.
- Changes in animal breeding zones.
- Destruction of crops and decrease of yields.
- Destruction of forests.
- Spread of epidemics.
- Destruction of Ocean resources.

(Naming three unfavorable impacts = 03 marks)

(b)

- Regularize the disposal of solid waste.
- Use of alternative energy sources.
- Green forest cultivation, tree planting programmes.
- Using organic manure for crop cultivation instead of chemical fertilizers.
- Organizing public awareness programmes (Posters).
- Using common transportation facilities.
- Environment friendly living.
- Simple life styles.

*(Explanation = 02 marks)**(a) 3 + (b) 2 = 05 marks***Question 03****Learning outcomes:**

- (i) Explains the main features of tea cultivation.
- (ii) Explains the problems associated with the major agricultural crops.
- (iii) Describes the trends in the major agricultural crops.

3. (i) Name two physical factors essential for the cultivation of tea successfully. (02 marks)

- An annual rainfall between 1900mm – 5400mm
- An average temperature between 15°C - 27°C
- Loam and laterite soil
- Lands with gentle slopes with a good drainage

(Naming two physical factors = 1 + 1 = 02 marks)

(ii) State three problems related to the tea industry in Sri Lanka. (03 marks)

- Fragmentation of lands.
- Lower harvest due to the cultivation of crops in the same land for a long period of time.
- Lower yield per unit of land.
- Lowest yield due to the senility of the plantations.
- Increase in the prices of fertilizers.
- Factories not being modernized.
- Labor problems regarding trade unions.
- Provision of subsidies being irregular.
- Competition from substitutes (beverage).
- Severe competition from new tea producing countries such as Kenya and Tanzania.
- Low quality goods being exported to the international market.
- Organic tea

(Mentioning three problems = 1 × 3 = 03 marks)

(iii) State **three** steps that have been taken by the government to develop tea industry in Sri Lanka and explain **one** of them.

(05 marks)

- Provision of subsidies to increase the production.
- Provision of export tax concessions.
- Expansion of market services.
- Provision of subsidies for fertilizer.
- Provision of subsidies to replant crops.
- Introduction of insurance systems.
- Tea research institute - Thalawakele
Small tea estate Development Authority
Ceylon Tea Board. } Provide important service to promote tea cultivation
- Promote diversification of products.
- Implementing laws to prevent on exporting low quality products.

Naming three steps = 03 marks

For explanation of one step = 03 marks

05 marks

Question 04

Learning outcomes:

- (i) Names the distribution of manufacturing industries according to a world map.
- (ii) Explains the characteristics of manufacturing industries.
- (iii) Explains the trends in manufacturing industries.
- (iv) Discuss the common problems related to manufacturing industries.

4. (i) Name **two** countries belonging to the Asian region holding a leading place in the electronic industry.

(02 marks)

- China • Japan • South Korea • India • Malayasia • Taiwan
- Thailand • Vietnam

(Naming two countries = 02 marks)

(ii) State **three** specific features of the electronic industry.

(03 marks)

- A large amount of capital has been invested
- Research continues till the final product is brought out and twice the amount of money is spent on production research linked to the industries rather than on the production itself.
- Most of the workers include scientist, engineers, skilled technicians and research personal.
- Contribution to the production and ownership belong to multi-National corporations very often.
- Day by day new productions are launched to meet the competitive market.
- Very complex subtle equipment and appliances are produced.
- The same countries that export electronic appliances also import the same products from other countries.
- Maintained as an assembling industry.
- A market for by products too has been created.
- AI technology is used for productions.

(Mentioning three specific features = 03 marks)

(iii) (a) State,

(I) two favourable effects and

(II) one unfavourable effect

on the society due to the use of electronic appliances.

(b) Explain how **one** of the favourable effects that you have mentioned contributes to the development of Sri Lanka.

(05 marks)

(a) (I)

- Ability to fulfil day to day needs quickly, easily and efficiently.
- Contributing a great deal to the advancement in the fields of education, communication, health, trade and industries.
- Provide an efficient and confident service in making Banking and financial transactions.
- Time saving.

(Naming tow favorable affects = 02 marks)

(II)

- Addicted to machines
- Loneliness
- Breakdown of social coexistence
- Health problems
- Selfishness
- Facing dangerous incidents
- Suicides
- Abundance of anti-social activities
- Occurrence of financial frauds

(Naming one unfavorable effects = 01 mark)

(b) Explanation of one favorable effect how it helps the development of Sri Lanka

(02 marks)

(a) 2 + 1 = 03 , (b) 02 = 05 marks

Question 05**Learning outcomes:**

- (i) Explains the distribution and characteristics of the forests of Sri Lanka.
- (ii) Names the wildlife resources of Sri Lanka and explains the importance of its.
- (iii) Shows the distributions of wildlife reserves of Sri Lanka and name them.
- (iv) Explains the features of forests in the world.

5. (i) Name respectively the two National Parks marked as A and B in the adjoining map. (02 marks)

- (ii) Name respectively the main forest types belonging to groups A, B and C mentioned below.

A - Mahogany, Ebony - Tiger, Chimpanzee

B - Eucalyptus, Chesnut - Wolf, Stag

C - Poplar, Pine - Caribou, Panda

(03 marks)

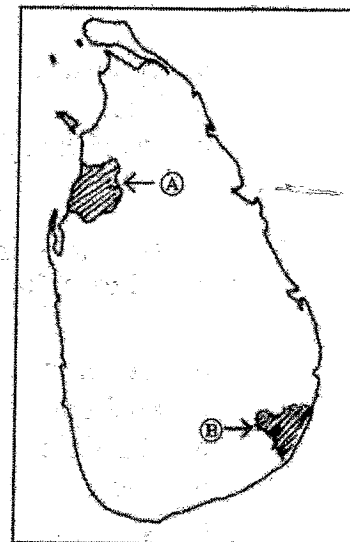
- (iii) Provide a brief description on the 'Mangroves' a natural vegetation type distributed in Sri Lanka, according to the headings given below.

(a) Distributed areas

(b) Two specific features of the plants

(c) Economic value

(05 marks)



- (i) A - Vilpattu
B - Yala

(1+1 = 02 marks)

- (ii) A - Tropical rain forests
B - Temperate forests
C - Coniferous forests

(1×3 = 03 marks)

- (iii) (a) Coastal areas near rivers, river mouths and Lagoons

(01 mark)

(b)

- Far - reaching exposed roots. (Prop roots, stilt roots, and Pneumatophores)
- Abundance of roots.
- Spread its roots above the water.
- Adapted to coastal environment - Salinity.
- Special features in germination.
- Thick leaves.

(02 marks)

(c)

- Important for brackish water fishing industry.
- Important for aquatic fish culture.
- Helps to prevent coastal erosion.
- Act as a gene pool.
- Tourist attraction.
- Supply firewood and timber.
- A source of food.
- A beverage from Kirala.
- Cork from Kirala (Industrial raw material).

(02 marks)

(a) 1 + (b) 2 + (c) 2 = 05 marks

Question 06**Learning outcomes:**

- (i) Describes using statistics the characteristics of the world population.
- (ii) Explains the factors that influence of the distribution of world population.
- (iii) Explains the salient features of the population of Sri Lanka with examples.

6. (i) Name the **two** factors used to define the density of population in a certain area. (02 marks)

- Population
- Land area
- Population density = $\frac{\text{Population}}{\text{Land area}}$ (1 + 1 = 02 marks)

(ii) Name **three** Asian countries excluding India and China among the highest ten populated countries in the world. (03 marks)

- Indonesia
- Pakistan
- Bangladesh
- Japan
- Russia

(Naming three countries 1×3 = 03 marks)

(iii) State **three** measures that could be taken to minimize the inequalities in the distribution of population in Sri Lanka and describe **one** of them. (05 marks)

- Developing infrastructure facilities in rural areas to prevent migrating (minimize) people to urban areas
- Developing employment opportunities in rural areas
- Implementing regional Development projects
- Highly concentrated population in wet zone can be distributed to dry zone areas by developing infrastructure facilities and establishing settlements

Naming three measures = 03 marks

Description of one measure = 02 marks

05 marks

Question 07**Learning outcomes:**

- (i) Explains the need for sustainable development in the process of development.
- (ii) Explains the significance of developing national infrastructure facilities in the development process of Sri Lanka.
- (iii) Classifies the importance of human resource development.

7. (i) Name **two** major sectors on which the attention is focussed in sustainable development. (02 marks)

- Economic
- Social
- Environment

(Naming two 1+1 = 02 marks)

- (ii) State **three** measures that have been taken in recent years to develop human resources in Sri Lanka. (03 marks)

- Janasaviya
- Aswesuma
- Samurdhi
- Gamidiriya
- Divi Neguma
- New housing complexes
- Community based water projects
- Community based health programmes
- Rural hydro power projects
- Maga Neguma
- Vocational training centres for school dropouts
- Increasing the number of universities and increasing the student intake
- Introducing technological subjects to G.C.E. (A/L)

(Naming three measures = $1 \times 3 = 03$ marks)

- (iii) State **three** benefits derived from the improvement of infra-structure facilities in the development process of Sri Lanka and explain **one** of them. (05 marks)

- New areas of the country will be open to development
 - Widening of the trade market
 - Movement of passengers and goods is accelerated
 - Time is saved & physical distance become less
 - Internal migration patterns change
 - New employment opportunities arise
 - A change occurs in the supply route grid of existing goods and services.
- (Automobile/ Aviation/ Harbor)

Naming three benefits = 03 marks

Explaining one benefit = 02 marks

05 marks

Question 08

Learning outcomes:

- (i) Describes with the help of a Sri Lanka map, the regions where natural hazards occur and the areas affected by them.
- (ii) Explains the damages caused by hazards and also strategies that could be adopted in managing disasters.

8. (i) Name **two** river valleys in the wet zone of Sri Lanka susceptible to recurrent flood hazard. (02 marks)

- Kelani
- Kalu
- Gin
- Nilwala
- Aththanagalu Oya

(Naming two $1+1 = 02$ marks)

(ii) State respectively

- (a) two human activities and
- (b) a natural reason

that have influenced the recurrent flooding of some major cities in Sri Lanka recently.

(03 marks)

(a)

- Illegal constructions obstructing water ways
- Not maintaining the urban drainage systems properly
- Irregular disposal of garbage
- Filling of wetlands and lowlands

(Naming two human activities = 02 marks)

(b)

- Heavy rainfall within a short time
- Overflowing of rivers, reservoirs and tanks

(Naming one natural reason = 01 mark)

(a) 2 + (b) 1 = 03 marks

(iii) Mention three measures that could be adopted to mitigate the disasters occurring in urban areas due to flooding and provide a brief description about one of those measures.

(05 marks)

- Removing illegal constructions in urban areas
- Maintaining the urban drainage systems properly
- Regularize the disposal of garbage
- Enforcing laws to prevent filling of lowlands and wetlands
- Developing settlements in highlands
- Constructing reservoirs to store rain water in suitable places
- Constructing roads resistant to floods
- Constructing buildings resistant to floods
- Limiting human activities at the places where the tanks and rivers overflows
- Organizing community awareness programmes

Mentioning three measures = 03 marks

For describing one measure = 02 marks

05 marks
