

සියලු ම හිමිකම් ඇවිරිණි / முழுப் பதிப்புரிமையுடையது / All Rights Reserved

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

Paper	Marks
I	

අධ්‍යයන පොදු සහතික පත්‍ර (සාමාන්‍ය පෙළ) විභාගය, 2023(2024)
 கல்விப் பொதுத் தராதரப் பத்திர (சாதாரண தர)ப் பரீட்சை, 2023(2024)
 General Certificate of Education (Ord. Level) Examination, 2023(2024)

Examiner 1	
Examiner 2	
EMF	

භූගෝල විද්‍යාව I, II
 புவிவியல் 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:

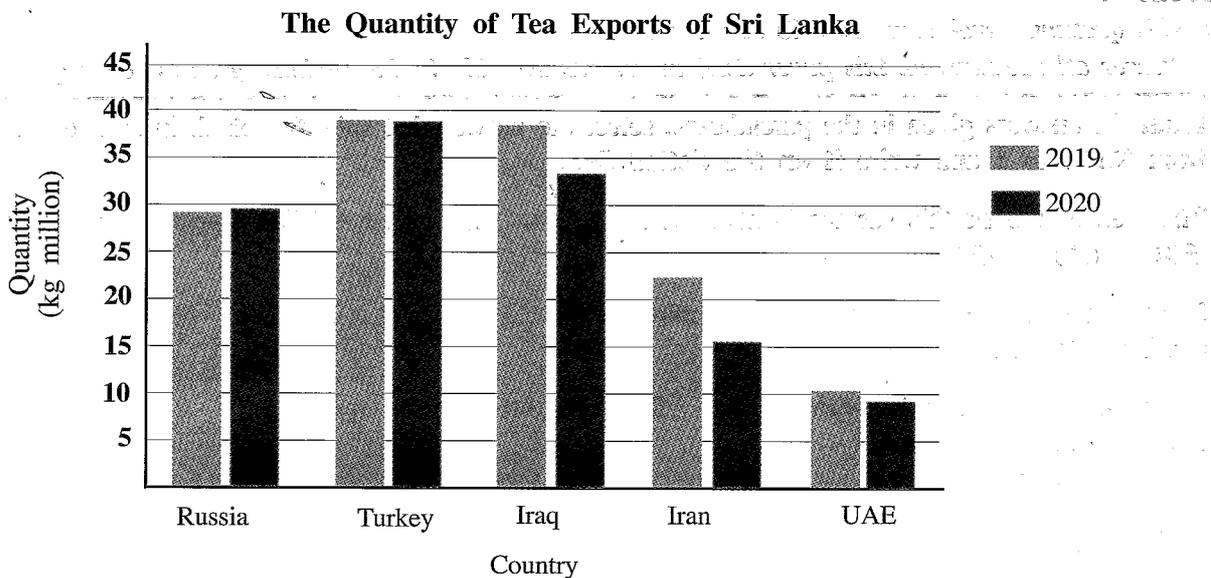
Instructions:

- * 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.
1. The area of the Earth's surface is about million square kilometres.
(510 / 600 / 750)
 2. Most of the deep ocean trenches are located in the ocean.
(Indian / Atlantic / Pacific)
 3. The monsoon climate is a special climate type which can be found in the climatic zone of the world.
(tropical / temperate / cold)
 4. The Exclusive Economic Zone of Sri Lanka extends from 24 nautical miles upto nautical miles into the ocean.
(100 / 200 / 300)
 5. The source of energy mostly used in Sri Lanka is
(petroleum / bio-mass / hydro-electricity)
- Read each statement from No. 6 to 10 and circle 'C' if it is correct or circle 'W' if it is incorrect.
6. The shallow strip of sea that extends from the continental boundary towards the ocean is called the continental slope. C / W
 7. The lake Superior is the largest lake in the world. C / W
 8. The industrial features found in spite of being an agricultural system is a special characteristic of the plantation agriculture. C / W
 9. Samanala wewa is a reservoir associated with the walawe river. C / W
 10. The natural hazards mostly experienced by the earth's community is due to air lightning which occurs because of the electrical discharge between the space and clouds. C / W
- In questions from No. 11 to 16 fill the blanks with suitable words.
11. The world's commercial dairy farming is mostly distributed in the zone.

12. The products such as plastics, chemical fertilizer and varieties of paint are by-products related to the industry.
13. Kahatagaha and Kolongaha areas are famous for mineral deposits.
14. Diyakaduru, Kirala and Ginpol are plant species that belong to environmental system.
15. The lowest population distribution in Sri Lanka is seen in the province.
16. The rupturing and subsidence of the land pre-indications of the occurrence of a disaster.

● To answer the questions from No. 17 to 19, use the graph given below.

The quantity of tea exports of Sri Lanka and the countries which purchased them in the two years 2019 and 2020 are shown in the graph.



Source - Statistical reports of Ceylon Tea Brokers Association

17. What is the country that purchased more than 35 million kilograms of tea from Sri Lanka in the both years 2019 and 2020?
18. What is the country that shows the highest decline in the purchase of tea in 2020 compared to 2019?
19. What is the year that shown a decline in the total tea exports?

● 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 style="text-align: center;">Land form</p> <ol style="list-style-type: none"> 1. Drakensberg mountains 2. The Great Dividing Range 3. Appalachian mountains | <p style="text-align: center;">'b'</p> <p style="text-align: center;">The located continent</p> <ol style="list-style-type: none"> A - North America B - Australia C - Africa D - Europe |
| <p>(1) A, B, C (2) B, C, D (3) C, B, A (4) D, B, A (.....)</p> | |

21. 'a' **Ocean**
1. Pacific
 2. Atlantic
 3. Indian
- (1) A, B, C (2) B, C, D
- 'b' **Island**
- A - Seashells
 - B - Canary
 - C - Papua New Guinea
 - D - Cyprus
- (3) C, B, A (4) C, D, A (.....)
22. 'a' **Minor Export Crop**
1. Cinnamon
 2. Pepper
 3. Cashew
- (1) A, B, C (2) B, C, D
- 'b' **Area where cultivated most**
- A - Kandy
 - B - Puttalam
 - C - Kurunegala
 - D - Galle
- (3) C, D, A (4) D, A, B (.....)
23. 'a' **Type of wild reserve**
1. Strict Natural Reserve
 2. National Park
 3. Forest Reserves
- (1) A, B, C (2) B, C, D
- 'b' **Area located**
- A - Ritigala
 - B - Udawalawa
 - C - Kanneliya
 - D - Victoria-Randenigala
- (3) C, A, B (4) D, A, C (.....)
24. 'a' **Earthquake zone**
1. Pacific Ring of Fire
 2. Mediterranean-Himalaya mountains
 3. African Rift-valley
- (1) A, B, C (2) B, C, D
- 'b' **Volcano**
- A - Vesuvius
 - B - Kilimanjaro
 - C - Hecla
 - D - Krakatoa
- (3) C, B, A (4) D, A, B (.....)
- 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 atmospheric layer within which the environmental lapse rate or the general lapse rate occur is,
 (1) Troposphere. (2) Stratosphere. (3) Mesosphere. (4) Thermosphere. (.....)
26. The water that enters the atmosphere through transpiration is from the
 (1) land and water surfaces. (2) ground water.
 (3) soil water. (4) plant leaves. (.....)
27. Of the tectonic plates of the lithosphere on which plate the islands of Sumatra and Java are located?
 (1) Philippine (2) Indo-Australian (3) Eurasian (4) Pacific (.....)
28. Select the option that contains a pair of districts in Sri Lanka where terraced paddy cultivation is practiced widely.
 (1) Gampaha and Kegalle (2) Kandy and Nuwara Eliya
 (3) Matale and Ampara (4) Moneragala and Matara (.....)
29. Select the option that contains a pair of countries which is important for world's cotton textile industry.
 (1) Egypt and South Africa (2) Thailand and Brazil
 (3) Bangladesh and India (4) India and China (.....)

30. Consider the following statements about forest types.

- bio-diversity is at a high level
- rapid plant growth
- contains a number of layers
- dense undergrowth can be seen

What is the forest type which shows the above characteristics?

- (1) Tropical Rain Forests (2) Temperate Zone Deciduous Forests
(3) Tropical Savanna Forests (4) Coniferous Forests (.....)

31. Select the option that contains only sedimentary rocks.

- (1) limestones, gypsum, coal (2) gneiss, granite, gypsum
(3) granite, coal, limestones (4) gabbro, marble, limestones (.....)

32. What is the district in Sri Lanka where the red-brown soil has widely distributed?

- (1) Ampara (2) Anuradhapura (3) Kalutara (4) Puttalam (.....)

33. For what purpose the petroleum imported to Sri Lanka is widely used?

- (1) industries (2) generation of electricity
(3) transportation (4) domestic uses (.....)

34. What is the physical factor underlying the sparse population in the central Australian region?

- (1) rugged relief (2) being a hot desert
(3) being a dense forest (4) being a cold desert (.....)

35. Consider the following statements.

A - The number of child dependants has been increasing rapidly

B - The aged population has been increasing

C - The percentage of females has been increasing

D - Labour force has been increasing gradually

Of the above, select the option that contains the two correct statements related to the structure of population of Sri Lanka.

- (1) A and B (2) A and C
(3) B and C (4) C and D (.....)

36. To which stage of disaster management cycle the activity of provision of temporary shelters to the victims of a disaster belongs?

- (1) Preparation (2) Recovery (3) Mitigation (4) Response (.....)

37. After which conference did Sri Lanka adopted measures to prevent the emission of Chloro Fluoro Carbon (CFC) gases in order to minimize climate change?

- (1) Rio (2) Stockholm (3) Kyoto (4) Paris (.....)

● 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. Health facilities
2. Life expectancy

B - 1. Number of child dependently
2. Aged population

C - 1. Natural disaster
2. Climate change

D - 1. Environmental imbalance
2. Sustainable development

38. What is the pair of topics which indicates an increase in the first would results in increased in the second too?

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

39. What is the pair of topics which shows that the second would be of help to solve the problems caused by the first?

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

40. What is the pair of topics that shows that the second would influence an increase in the first?

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

සියලු ම හිමිකම් ඇවිරිණි / முழுப் பதிப்புரிமையுடையது / All Rights Reserved

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

61 | E | I, II

අධ්‍යයන පොදු සහතික පත්‍ර (සාමාන්‍ය පෙළ) විභාගය, 2023(2024)
 கல்விப் பொதுத் தராதரப் பத்திர (சாதாரண தர)ப் பரீட்சை, 2023(2024)
 General Certificate of Education (Ord. Level) Examination, 2023(2024)

භූගෝල විද්‍යාව I, II
 புவிமியல் 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 slope indicated by the line **A** - **B**?
(uniform slope / convex slope / concave slope) (01 mark)
 - (ii) What is the feature shown by the letter **C**?
(rock outcrop / scrub / forest) (01 mark)
 - (iii) What is indicated by the value shown by letter **D**?
(Longitude line / Latitude line / Coordinate line) (01 mark)
 - (iv) What is the administrative boundary extended along the river located in the southwest corner of the map area?
(District / Grama Niladari Division / Divisional Secretariat Division) (01 mark)
 - (v) If you travel from the southern boundary to the northern boundary of the map area by train what is the most abundantly cultivated commercial crop in the area you pass? (01 mark)
 - (vi) Name **two** institutions shown by standard symbols that provide public services in the enclosed area shown by letter **P**. (02 marks)
 - Two statements about the map area are given by questions (vii) and (viii). If they are correct write 'C' and if they are incorrect write 'W' in front of the question number in the answer sheet.
 - (vii) The ridges located in the map area extend in a north-west/south-east direction (01 mark)
 - (viii) It is evident that the map area belongs to the wet zone. (01 mark)
 - (ix) What is the extent of the enclosed area shown by letter **P** in square kilometres? (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 that indicates the correct answer from the world map and write it in the adjacent box.
 - (i) Alps Mountain Range - **A**, **B**, **C**
 - (ii) Parana Paraguay River - **D**, **E**, **F**
 - (iii) Great Slave Lake - **P**, **Q**, **R**
 - (iv) Taiwan Island - **S**, **T**, **U**
 - (v) City of Perth - **X**, **Y**, **Z** (05 marks)

[See page six

5311

(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 that indicates the correct answer for each question from the map and write it in the adjacent box.

(i) District of Kandy – (A), (B), (C)

(ii) Paddy Research Institute at Ambalantota – (D), (E), (F)

(iii) Kankasanturai Port – (J), (K), (L)

(iv) Sinharaja Forest – (M), (N), (O)

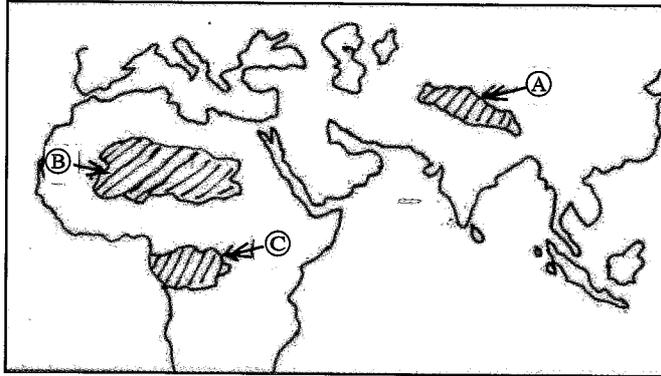
(v) Senanayaka Samudra – (W), (X), (Y)

(05 marks)

Part II

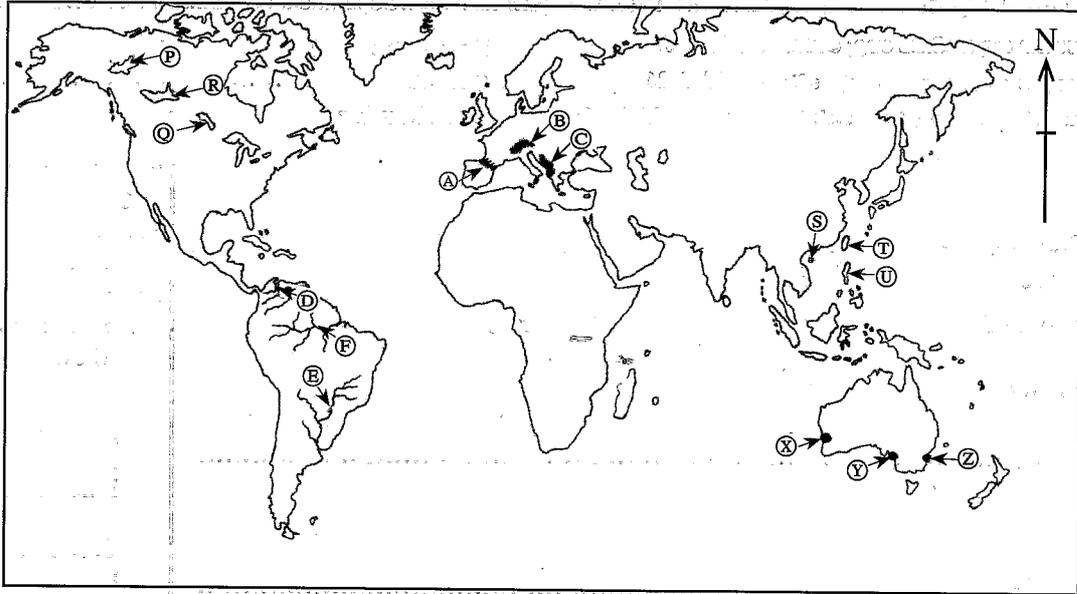
2. (i) Name the **two** parts of the Earth's crust divided in terms of the density of rocks, composition and location. (02 marks)
- (ii) State **three** salient features of the Earth's mantle. (03 marks)
- (iii) Explain with examples related to the following headings how the Earth's crust is useful to man in deriving his needs.
- (a) agriculture
- (b) industry
- (c) energy (05 marks)
3. (i) State the soil type suitable for the cultivation of each crop given below.
- (a) wheat
- (b) paddy (02 marks)
- (ii) State **three** salient features of the paddy cultivation in the wet zone of Sri Lanka. (03 marks)
- (iii) (a) Write down **one** unfavourable effect for each of the following agricultural practices in Sri Lanka.
- A - use of artificial fertilizers
- B - use of insecticides and weedicides
- C - use of modern machinery
- (b) Select **one** of the unfavourable effects you have stated above (iii) (a) and explain in brief measures that could be adopted to minimize its effects. (05 marks)
4. (i) State **two** reasons for the significance of iron and steel as an industrial product. (02 marks)
- (ii) Name **one** centre of iron and steel production in each of the following countries.
- (a) India
- (b) China
- (c) United States of America (03 marks)
- (iii) Explain **three** reasons for the significance of Sri Lanka as a tourist destination among the countries of the world. (05 marks)

5. (i) Name the **two** mostly populated countries in the world. (02 marks)
- (ii) In the map given below three sparsely populated regions are shown as **A**, **B** and **C**.
Write down the main reason for the sparse population in each of the regions. (03 marks)



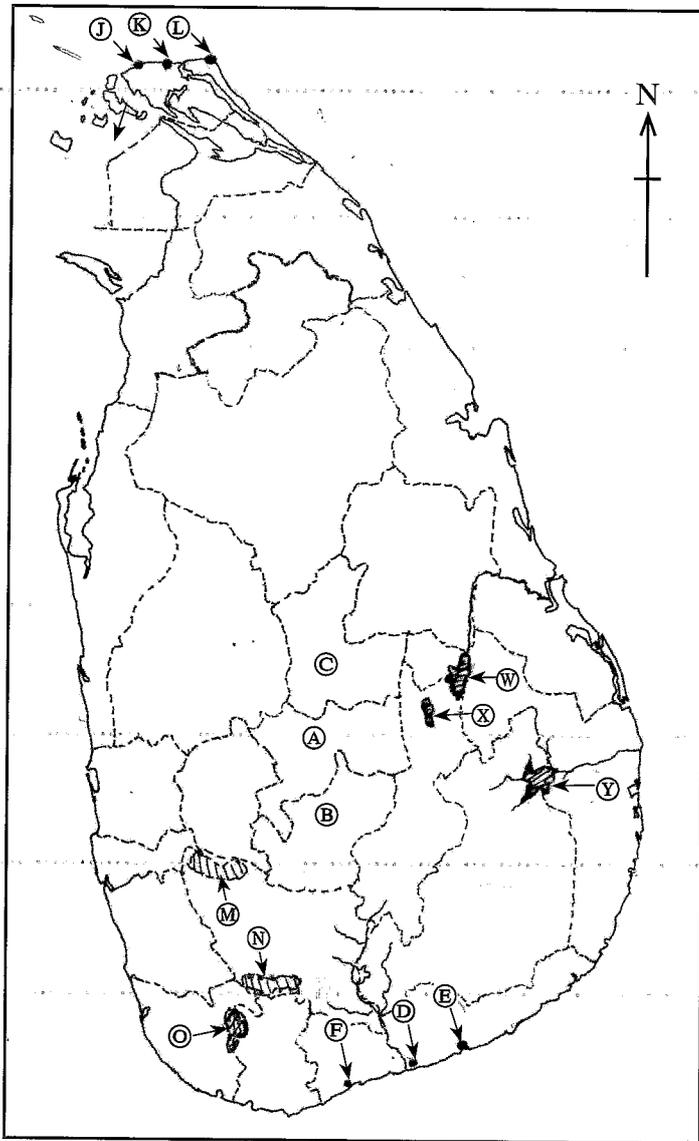
- (iii) State **three** reasons for the uneven distribution of population in Sri Lanka and explain **one** of them. (05 marks)
6. (i) Name **one** appropriate natural resource for each (a) and (b) given below.
(a) resources derived with effort
(b) resources derived effortlessly (02 marks)
- (ii) State **three** uses which could be derived from igneous rocks. (03 marks)
- (iii) Name **three** problems encountered by the wild life in Sri Lanka and describe **one** measure that could be taken to solve them. (05 marks)
7. (i) Name **two** criteria used to compute the Human Development Index. (02 marks)
- (ii) State **three** programmes implemented for regional development in Sri Lanka. (03 marks)
- (iii) Explain with examples how does the information and communication technology helps the development of Sri Lanka through the following sectors.
(a) Education
(b) Health
(c) Banking and Financial transactions (05 marks)
8. (i) Name **two** countries in the world where wild fires occur frequently. (02 marks)
- (ii) Write separately **two** natural reasons and **one** human reason causing wild fires. (03 marks)
- (iii) Name **three** measures that you could adopt to mitigate the climate change and describe **one** of those measures. (05 marks)

(ஊ) / (ஆ) / (b)



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

(ஊ) / (இ) / (c)



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

பரீක්ஷகர்களுக்கான பயன்பாட்டிற்கு மட்டும். For Examiner's Use Only.

1. (ஊ) (அ) (a) $\frac{\quad}{10}$ (ஊ) (ஆ) (b) $\frac{\quad}{5}$ (ஊ) (இ) (c) $\frac{\quad}{5}$ = $\frac{\quad}{20}$

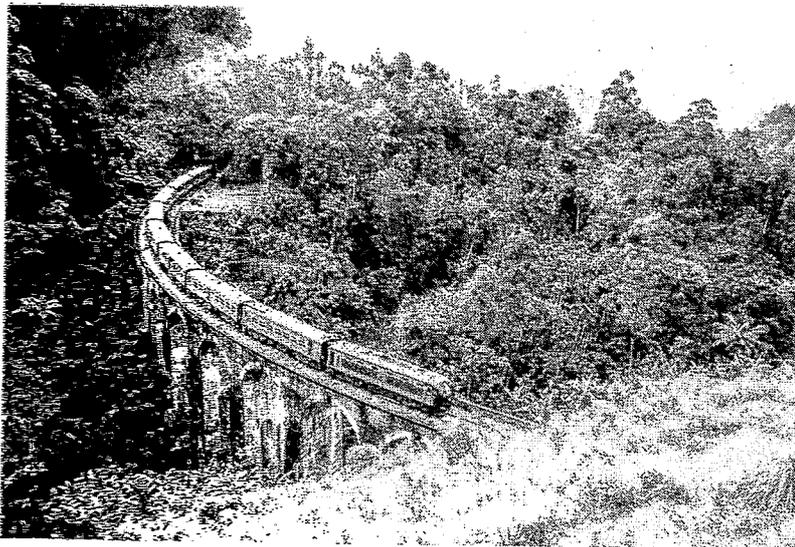


Department of Examinations – Sri Lanka

G.C.E. (O/L) Examination – 2023 (2024)

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.

Amendments are to be included.

G.C.E. (O/L) Examination – 2023 (2024)**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	} 04 Questions 40 Marks
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	

Paper I Marks 40

Paper II Marks 60

Final Marks 100

G.C.E.(O/L) EXAMINATION - 2023 (2024)

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)	$\frac{3}{5}$	=	$\frac{10}{15}$
----	-----	---------------	---	------	---------------	---	-------	---------------	---	-----------------

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 :

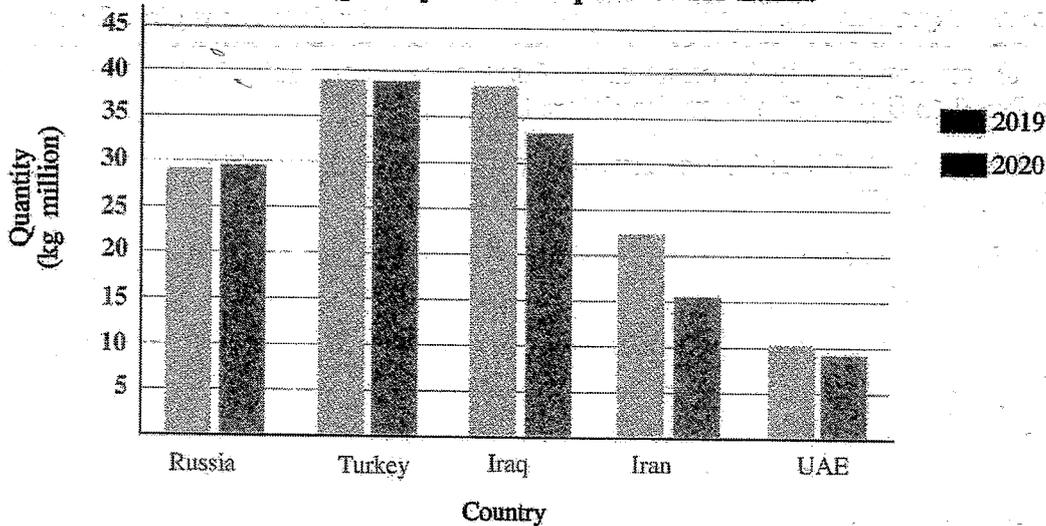
1. Explains the major physical Landscapes on the crust of the earth.
2. Names the major physical characteristics of the physical landscape.
3. Explains the basic rock composition of the lithosphere.
4. States the process of exchange of water in the Hydrosphere to the Lithosphere, Atmosphere and Biosphere (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.

12. The products such as plastics, chemical fertilizer and varieties of paint are by-products related to the **Petro Chemicals** industry.
13. Kahatagaha and Kolongaha areas are famous for **Graphite** mineral deposits.
14. Diyakaduru, Kirala and Ginpol are plant species that belong to **Mangroves** environmental system.
15. The lowest population distribution in Sri Lanka is seen in the **Northern** province.
16. The rupturing and subsidence of the land pre-indications of the occurrence of a **Landslides** disaster.

● To answer the questions from No. 17 to 19, use the graph given below.

The quantity of tea exports of Sri Lanka and the countries which purchased them in the two years 2019 and 2020 are shown in the graph.

The Quantity of Tea Exports of Sri Lanka



Source - Statistical reports of Ceylon Tea Brokers Association

17. What is the country that purchased more than 35 million kilograms of tea from Sri Lanka in the both years 2019 and 2020? **Turkey**
18. What is the country that shows the highest decline in the purchase of tea in 2020 compared to 2019? **Iran**
19. What is the year that shown a decline in the total tea exports? **2020**

● 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.</p> <p style="text-align: center;">'a'</p> <p style="text-align: center;">Land form</p> <ol style="list-style-type: none"> 1. Drakensberg mountains 2. The Great Dividing Range 3. Appalachian mountains | <p style="text-align: center;">'b'</p> <p style="text-align: center;">The located continent</p> <ol style="list-style-type: none"> A - North America B - Australia C - Africa D - Europe |
| <p>(1) A, B, C (2) B, C, D</p> | <p>(3) C, B, A (4) D, B, A (3)</p> |

OL/2023(2024)/61/E-I, II

- 3 -

21. 'a' 'b'
- Ocean Island**
1. Pacific A - Seashells
2. Atlantic B - Canary
3. Indian C - Papua New Guinea
D - Cyprus
- (1) A, B, C (2) B, C, D (3) C, B, A (4) C, D, A (.....) **3**
22. 'a' 'b'
- Minor Export Crop Area where cultivated most**
1. Cinnamon A - Kandy
2. Pepper B - Puttalam
3. Cashew C - Kurunegala
D - Galle
- (1) A, B, C (2) B, C, D (3) C, D, A (4) D, A, B (.....) **4**
23. 'a' 'b'
- Type of wild reserve Area located**
1. Strict Natural Reserve A - Ritigala
2. National Park B - Udawalawa
3. Forest Reserves C - Kanneliya
D - Victoria-Randenigala
- (1) A, B, C (2) B, C, D (3) C, A, B (4) D, A, C (.....) **1**
24. 'a' 'b'
- Earthquake zone Volcano**
1. Pacific Ring of Fire A - Vesuvius
2. Mediterranean-Himalaya mountains B - Kilimanjaro
3. African Rift-valley C - Hecla
D - Krakatoa
- (1) A, B, C (2) B, C, D (3) C, B, A (4) D, A, B (.....) **4**
- 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 atmospheric layer within which the environmental lapse rate or the general lapse rate occur is,
(1) Troposphere. (2) Stratosphere. (3) Mesosphere. (4) Thermosphere. (.....) **1**
26. The water that enters the atmosphere through transpiration is from the
(1) land and water surfaces. (2) ground water.
(3) soil water. (4) plant leaves. (.....) **4**
27. Of the tectonic plates of the lithosphere on which plate the islands of Sumatra and Java are located?
(1) Philippine (2) Indo-Australian (3) Eurasian (4) Pacific (.....) **3**
28. Select the option that contains a pair of districts in Sri Lanka where terraced paddy cultivation is practiced widely.
(1) Gampaha and Kegalle (2) Kandy and Nuwara Eliya
(3) Matale and Ampara (4) Moneragala and Matara (.....) **2**
29. Select the option that contains a pair of countries which is important for world's cotton textile industry.
(1) Egypt and South Africa (2) Thailand and Brazil
(3) Bangladesh and India (4) India and China (.....) **4**

OL/2023(2024)/61/E-I, II

- 4 -

30. Consider the following statements about forest types.

- bio-diversity is at a high level
- rapid plant growth
- contains a number of layers
- dense undergrowth can be seen

What is the forest type which shows the above characteristics?

- (1) Tropical Rain Forests (2) Temperate Zone Deciduous Forests
(3) Tropical Savanna Forests (4) Coniferous Forests (.....) **1**

31. Select the option that contains only sedimentary rocks.

- (1) limestones, gypsum, coal (2) gneiss, granite, gypsum
(3) granite, coal, limestones (4) gabbro, marble, limestones (.....) **1**

32. What is the district in Sri Lanka where the red-brown soil has widely distributed?

- (1) Ampara (2) Anuradhapura (3) Kalutara (4) Puttalam (.....) **2**

33. For what purpose the petroleum imported to Sri Lanka is widely used?

- (1) industries (2) generation of electricity
(3) transportation (4) domestic uses (.....) **3**

34. What is the physical factor underlying the sparse population in the central Australian region?

- (1) rugged relief (2) being a hot desert
(3) being a dense forest (4) being a cold desert (.....) **2**

35. Consider the following statements.

A - The number of child dependants has been increasing rapidly

B - The aged population has been increasing

C - The percentage of females has been increasing

D - Labour force has been increasing gradually

Of the above, select the option that contains the two correct statements related to the structure of population of Sri Lanka.

- (1) A and B (2) A and C
(3) B and C (4) C and D (.....) **3**

36. To which stage of disaster management cycle the activity of provision of temporary shelters to the victims of a disaster belongs?

- (1) Preparation (2) Recovery (3) Mitigation (4) Response (.....) **4**

37. After which conference did Sri Lanka adopted measures to prevent the emission of Chloro Fluoro Carbon (CFC) gases in order to minimize climate change?

- (1) Rio (2) Stockholm (3) Kyoto (4) Paris (.....) **1**

● 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. Health facilities

2. Life expectancy

C - 1. Natural disaster

2. Climate change

B - 1. Number of child dependently

2. Aged population

D - 1. Environmental imbalance

2. Sustainable development

38. What is the pair of topics which indicates an increase in the first would results in increased in the second too?

- (1) A (2) B (3) C (4) D (.....) **1**

39. What is the pair of topics which shows that the second would be of help to solve the problems caused by the first?

- (1) A (2) B (3) C (4) D (.....) **4**

40. What is the pair of topics that shows that the second would influence an increase in 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.

සියලු ම හිමිකම් ඇවිරිණි / முழுப் பதிப்புரிமையுடையது / All Rights Reserved

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

61 | E | I, II

අධ්‍යයන පොදු සහතික පත්‍ර (සාමාන්‍ය පෙළ) විභාගය, 2023(2024)
 கல்விப் பொதுத் தராதரப் பத்திர (சாதாரண தர)ப் பரீட்சை, 2023(2024)
 General Certificate of Education (Ord. Level) Examination, 2023(2024)

ඉගෙනීමේ විද්‍යාව I, II
 புலியியல் 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 slope indicated by the line A - B?
(uniform slope / convex slope / concave slope) (01 mark)
 - (ii) What is the feature shown by the letter C?
(rock outcrop / scrub / forest) (01 mark)
 - (iii) What is indicated by the value shown by letter D?
(Longitude line / Latitude line / Coordinate line) (01 mark)
 - (iv) What is the administrative boundary extended along the river located in the southwest corner of the map area?
(District / Grama Niladari Division / Divisional Secretariat Division) (01 mark)
 - (v) If you travel from the southern boundary to the northern boundary of the map area by train what is the most abundantly cultivated commercial crop in the area you pass? (01 mark)
 - (vi) Name two institutions shown by standard symbols that provide public services in the enclosed area shown by letter E. (02 marks)
 - Two statements about the map area are given by questions (vii) and (viii). If they are correct write 'C' and if they are incorrect write 'W' in front of the question number in the answer sheet.
 - (vii) The ridges located in the map area extend in a north-west/south-east direction (01 mark)
 - (viii) It is evident that the map area belongs to the wet zone. (01 mark)
 - (ix) What is the extent of the enclosed area shown by letter F in square kilometres? (01 mark)

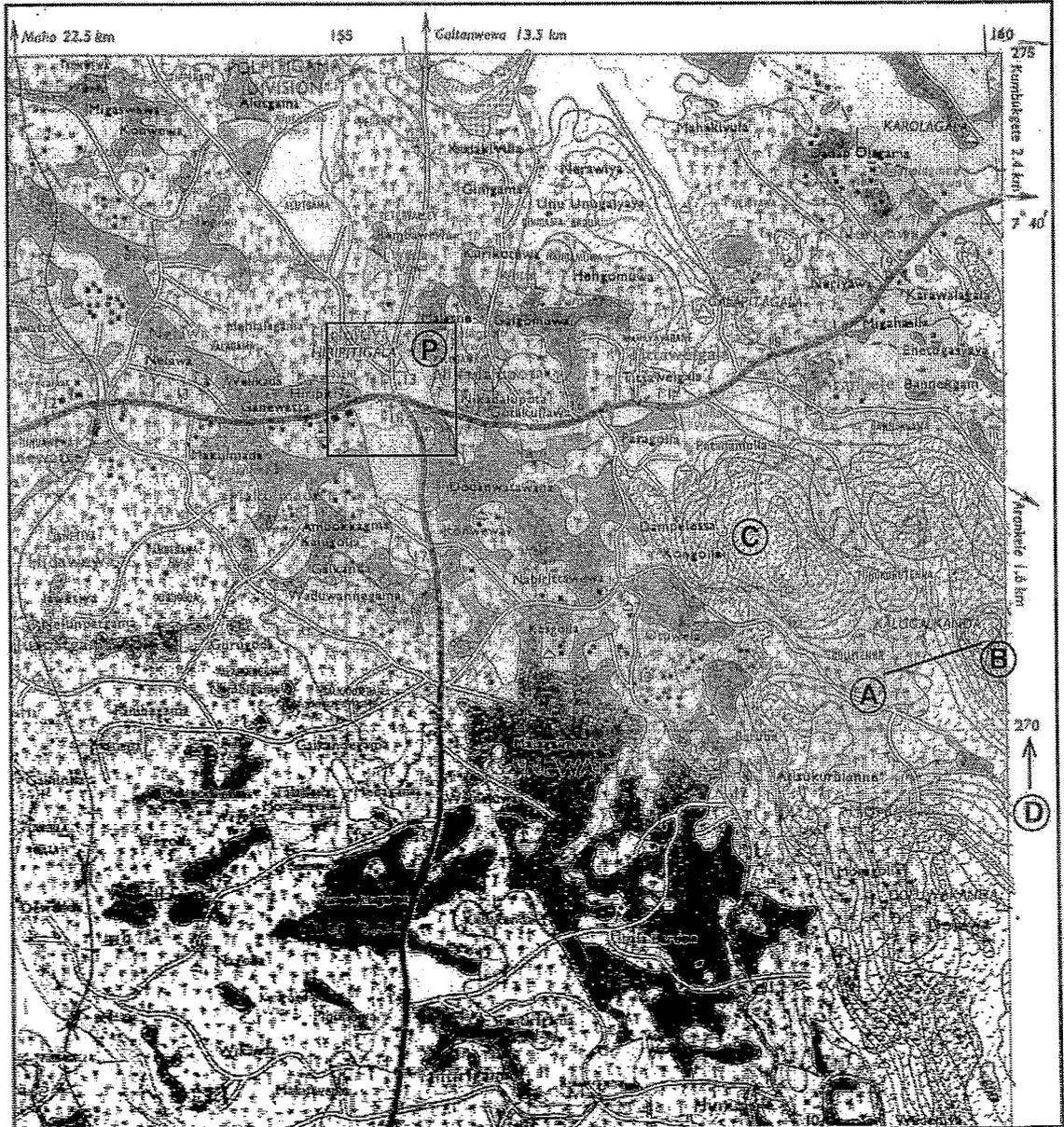
සියලු ම හිමිකම් ඇවිරිණි / முழுப் பதிப்புரிமையுடையது / All Rights Reserved

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

61 II

දධායන පොදු සහතික පත්‍ර (සාමාන්‍ය පෙළ) විභාගය, 2023(2024)
 கல்விப் பொதுத் தராதரப் பத்திர (சாதாரண தர)ப் பரீட்சை, 2023(2024)
 General Certificate of Education (Ord. Level) Examination, 2023(2024)

භූගෝල විද්‍යාව II / புவிமியல் II / Geography II



SCALE : 1:50,000

OL/2023(2024)/61/STE-I, II

- 8 -

ශ්‍රී ලංකා විභාග දෙපාර්තමේන්තුව/இலங்கைப் பரீட்சைத் திணைக்களம்/Department of Examinations, Sri Lanka
 දෙවන පොළ සහතික පත්‍ර (සාමාන්‍ය පෙළ) විභාග, 2023 (2024) විභාග අංකය
 සාමාන්‍ය පොළ තරුණ පන්ති (සාමාන්‍ය) පරීட்சා, 2023 (2024) සැටිය
 General Certificate of Education (Ord. Level) Examination, 2023 (2024) Index Number

(61) භූගෝල විද්‍යාව II
 புலியியல் II
 Geography II

1. (අ) / (அ) / (a)

(i) Concave slope

(ii) Rock outcrop

(iii) Coordinate line

(iv) Divisional Secretariat Division

(v) Coconut

(vi) ● School / Hospital

● Post Office / Tourist Guest House

(vii) C

(viii) W

(ix) 1 sq. km

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

1

1

1

1

1

1

1

1

1

1

10

(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 that indicates the correct answer from the world map and write it in the adjacent box.

(i) Alps Mountain Range – **A**, **B**, **C**

(ii) Parana Paraguay River – **D**, **E**, **F**

(iii) Great Slave Lake – **P**, **Q**, **R**

(iv) Taiwan Island – **S**, **T**, **U**

(v) City of Perth – **X**, **Y**, **Z**

(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 that indicates the correct answer for each question from the map and write it in the adjacent box.

(i) District of Kandy – **A**, **B**, **C**

(ii) Paddy Research Institute at Ambalantota – **D**, **E**, **F**

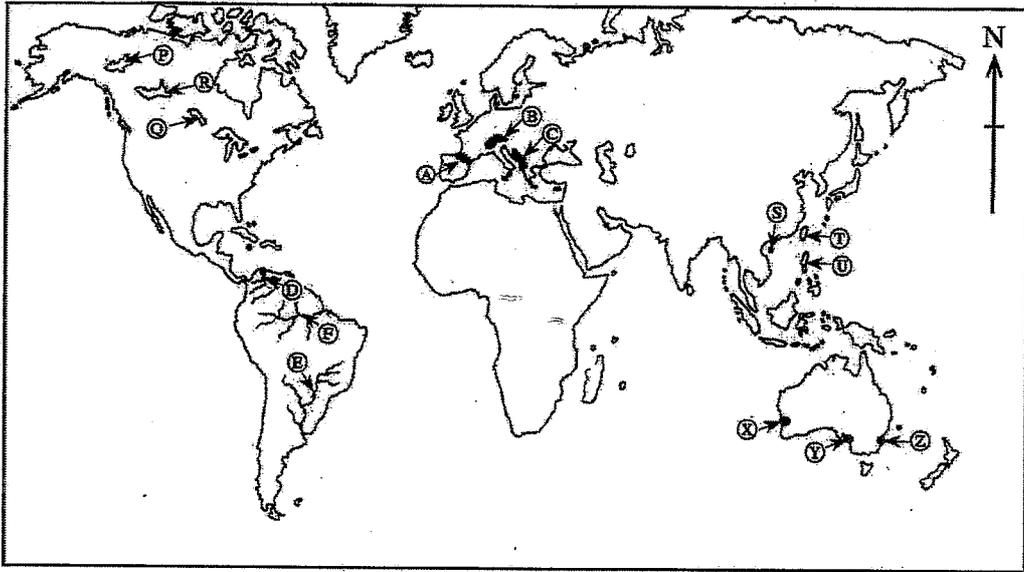
(iii) Kankasanturai Port – **J**, **K**, **L**

(iv) Sinharaja Forest – **M**, **N**, **O**

(v) Senanayaka Samudra – **W**, **X**, **Y**

(05 marks)

(ஊ) / (ஆ) / (b)



(i) B

(ii) E

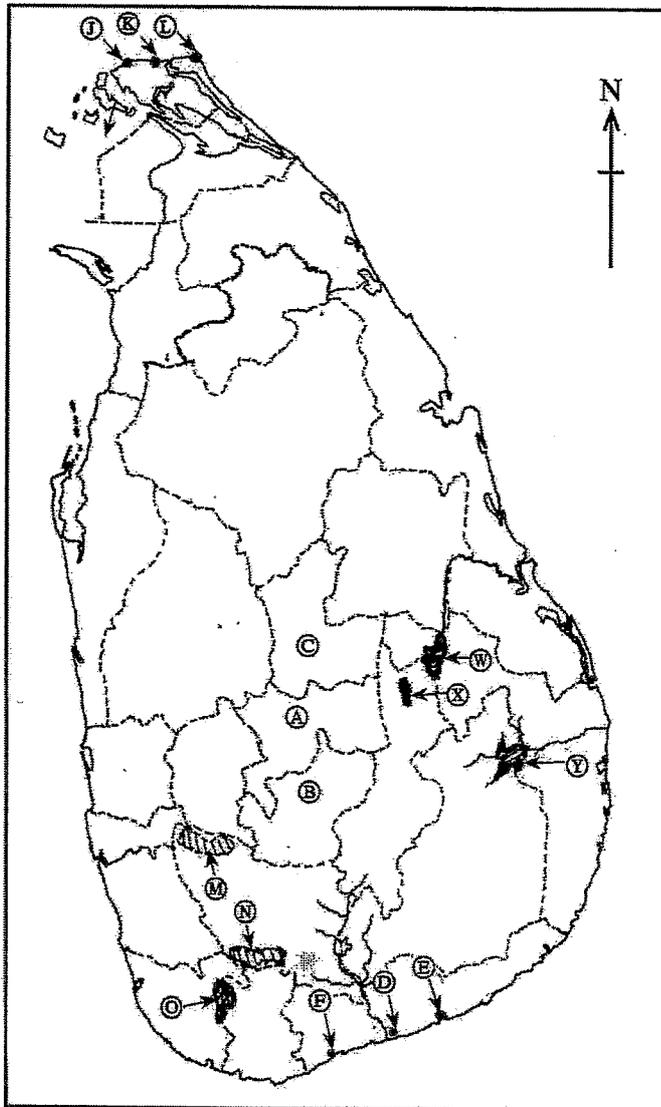
(iii) P

(iv) T

(v) X

5/5

(ஊ) / (இ) / (c)



(i) A

(ii) D

(iii) K

(iv) N

(v) Y

5/5

பரீක්ஷகவரர்களின் தனித்தனியான பயன்பாட்டிற்கு மட்டும். For Examiner's Use Only.

1. (ஊ) (அ) (a) $\frac{10}{10}$

(ஊ) (ஆ) (b) $\frac{5}{5}$

(ஊ) (இ) (c) $\frac{5}{5} = \frac{20}{20}$

Part II**Question 02**

2. (i) Name the **two** parts of the Earth's crust divided in terms of the density of rocks, composition and location. (02 marks)

(i)

- Continental crust
- Oceanic crust

(Marks 1+1 = 02)

- (ii) State **three** salient features of the Earth's mantle. (03 marks)

(ii)

- The layer which is located between the crust and the core
- It extends to a depth of 2900km from the surface of the Earth
- This layer forms 2/3 of the land mass of the Earth
- Upper part of the mantle consists of Olivine and Silicate, while the lower part is made up of magnesium and silicate
- According to the chemical composition and rocks this layer is divided in to two parts namely the upper mantle and the lower mantle

(Mentioning three features - marks 1x3 = 03)

- (iii) Explain with examples related to the following headings how the Earth's crust is useful to man in deriving his needs.

- (a) agriculture
(b) industry
(c) energy

(05 marks)

(iii)

(a) **Agriculture -**

- Producing crops to provide food for people
- Soil - Different soil types for various crop cultivations
Ex:- Alluvial soil - Paddy
Chernosem soil - Wheat
Loam and laterite soil - Tea
Laterite or Kabok mixed red soil - Rubber
- Water - for agricultural activities
Surface water - ground water

(b) Industries -

- Raw material for industries
- Minerals - Metallic - Iron, manganese, copper, gold
 - No metallic - Graphite, Sand, Phosphate, Limestone, Gems
- Rocks - Igneous, Sedimentary, Metamorphic
 - Uses of rocks

(c) Energy - To generate power

- Coal - Petroleum - Natural gas
- Water (Hydro power)

Three examples - Marks 03**Explanation - 02****05****Question 03****3. (i) State the soil type suitable for the cultivation of each crop given below.****(a) wheat****(b) paddy****(02 marks)****(i)****(a) Chernosem Soil - Wheat****(b) Alluvial Soil - Paddy****(ii) State three salient features of the paddy cultivation in the wet zone of Sri Lanka. (03 marks)****(ii)**

- Paddy cultivation is done in lowland areas and river valleys
- Cultivation is done mainly with rain water
- The harvest is Lower compared to the dry zone harvest
- Cultivation is done in small plots of land
- Very often floods cause destruction to cultivation

(Three salient features 1x3 = 03 marks)**(iii) (a) Write down one unfavourable effect for each of the following agricultural practices in Sri Lanka.****A - use of artificial fertilizers****B - use of insecticides and weedicides****C - use of modern machinery****(iii) (a)****A - Use of artificial fertilizers****B - Use of insecticides and weedicides****C - Use of modern machinery**

A - Use of artificial fertilizers

- Destruction of fertility of soil
- Destruction of soil organisms
- Increase the salinity of soil
- High expenditure
- Problem of foreign exchange

Mentioning one unfavorable effect**B - Use of insecticides and weedicides**

- Water pollution
- Air pollution
- Destruction of soil organisms and soil worms
- Bad effects to human health
- High expenditure

Mentioning one unfavorable effect**C - Use of modern machinery**

- Damaging the soil layers
- Environmental pollution
- Destruction of hidden harvest
- Difficult to use in small plots of lands
- Difficult to operate in terraced fields on hilly areas
- Loss of employment
- High expenditure

Mentioning one unfavorable effect

(b) Select **one** of the unfavourable effects you have stated above (iii) (a) and explain in brief measures that could be adopted to minimize its effects. (05 marks)

(b)

- Use of organic fertilizers
- Use of indigenous insecticides and devises
- Use of human Labor on every possible occasion.
- Implementing line sowing method

Explaining one measure in brief**(I) Three unfavorable effects = Marks 03****(II) Explaining one measure = Marks 02****05**

Question 04

4. (i) State **two** reasons for the significance of iron and steel as an industrial product. (02 marks)

(i)

- Durability, Capacity to bear weight, flexibility, ability to withstand shocks.
- An essential raw material for some specific productions.
- An essential raw material for production activities in the fields of machinery, electrical products and transport.
- A base metal for many other industries.
- Ability to improve quality by mixing with other metals. (Aluminium, copper)
- Ability to recycle after discarding.
- A factor in determining the technical strength of a country.

(Mentioning two reasons = 1 + 1 = 02 marks)

(ii) Name **one** centre of iron and steel production in each of the following countries.

- (a) India
- (b) China
- (c) United States of America

(03 marks)

(ii)

- (a) India -
 - Western industrial zone
 - Eastern industrial zone
 - Southern industrial zone
- (b) China -
 - Southern region of Manchuria
 - Beijing region
 - Shangshewan region
- (c) U.S.A.-
 - Michigan Lake region
 - Pittsburgh region
 - Detroit industrial zone
 - New England region
 - South Appalachian region

Naming one center from each country given above in (a) (b) & (c)

(1 + 1 + 1 = 03 marks)

(iii) Explain **three** reasons for the significance of Sri Lanka as a tourist destination among the countries of the world. (05 marks)

(iii)

- Existence of different tourists attractions.
- Able to stay in Sri Lanka with minimum expenses when compared with other countries.
- Central location of Sri Lanka within the East and West.
- Rapid development of facilities for tourists.

- Sri Lanka is famous for its intangible heritage of hospitality and compassion.
- Historical factors confirm that even in the past, Sri Lanka has been identified as an attractive tourist Centre.
- Easy access to tourist attractions within a short time and short distance is a beneficial factor.
- Sri Lanka is famous as a country that has acquired a historical heritage an environmental heritage, a heritage of tangible innovations.

Naming three reasons = Marks 1 x 3 = 03
 Explanation = = 02
 05

Question 05

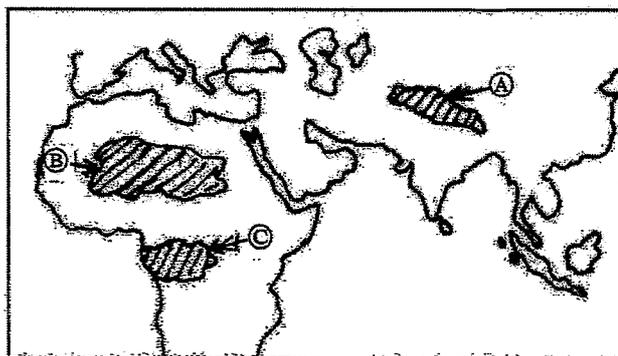
5. (i) Name the two mostly populated countries in the world. (02 marks)

- (i) • India
 • China

(Marks 1 x 1 = 02)

(ii) In the map given below three sparsely populated regions are shown as A, B and C.

Write down the main reason for the sparse population in each of the regions. (03 marks)



- (ii) (A) - Mountainous relief and steep slope area
 (B) - Desert climate
 (C) - Tropical rainforest (dense forest area)

(Marks (A) 1 + (B) 1 + (C) 1 = 03)

(iii) State three reasons for the uneven distribution of population in Sri Lanka and explain one of them. (05 marks)

(iii)

- Physical factors
 - Relief features
 - Climate
 - Water facilities
 - Soil
 - Natural Vegetation
 - Natural resources

- Human factors
 - Infrastructure facilities
 - Distribution of economic activities
 - * Agriculture * Industries etc.
 - State policies
 - Urbanization
 - Cultural factors

Mentioning three reasons = 1 x 3 = 03 marks

Explanation one reason = = 02 marks

05 marks

Question 06

6. (i) Name **one** appropriate natural resource for each (a) and (b) given below.

(a) resources derived with effort

(b) resources derived effortlessly

(02 marks)

(i) (a) Resources derived with effort

- Minerals
- Irrigated water
- Pipe borne water
- Planted forests
- Gases produced for different purposes
- Fertilized soil

(Naming One)

(b) Resources derived effortlessly

- Soil
- Water
- Air
- Sun Light
- Forest and vegetation

(Naming One)

(a) 1 + (b) 1 = 02 marks

(ii) State **three** uses which could be derived from igneous rocks.

(03 marks)

(ii)

- Granite is used to construct buildings.
- Making ornaments.
- To obtain minerals such as tin and chromium.
- Igneous rocks which are resistant to erosion, in slopes prevent soil erosion.
- To construct High ways and roads.
- There is an aesthetic value in the different physical formations of these rocks.
- (Ex - statues) etc.

(Mentioning three uses = 1 x 3 = 03 marks)

- (iii) Name **three** problems encountered by the wild life in Sri Lanka and describe **one** measure that could be taken to solve them. (05 marks)

(iii)

- Problems
 - Difficulties in fulfilling their food requirements.
 - Damages occurred by the hunters.
 - Human activities occurred against wild life.
 - Influence of natural hazards.
 - Hindrance occurred due to the development activities.
 - Loss of habitats.
 - disposal of garbage to forest areas.

(Mentioning three problems)

- Solutions
 - Prevent obstructing forest paths.
 - Make arrangements to supply food and water requirements during drought seasons.
 - Enforcing laws to prevent illegal human activities against wildlife.
 - Taking steps to minimize the obstructions occurred by the development activities.

(Describing one measure)

Naming three problems = 03 marks
 Describing one solutions = 02 marks
05 marks

Question 07

7. (i) Name **two** criteria used to compute the Human Development Index. (02 marks)

(i)

- Life expectancy at birth
- Literacy
- Purchasing power parity allied with the per capita gross national product

(Naming two = 1 + 1 = 02)

(ii) State **three** programmes implemented for regional development in Sri Lanka. (03 marks)

(ii)

- Janasaviya
- Divineguma
- Samurdhi
- Aswesuma
- 200 Garment factory project
- Maga Neguma
- One task for one village
- Rural hydro power projects
- Community based water projects
- Gamidiriya

(Naming three projects 1 x 3 = 03 marks)

(iii) Explain with examples how does the information and communication technology helps the development of Sri Lanka through the following sectors.

- (a) Education
- (b) Health
- (c) Banking and Financial transactions

(05 marks)

(iii)

(a) Education

- Online education
- Modern teaching equipments
- Internet facilities
- Mass communication systems
- Virtual Campus
- E-mail
- A.I. Facilities

Explain with examples

(b) Health

- New diagnostic instruments.
- Modern instruments for surgical operations.
- Ability to collect, store, analyze and exchange data.
- E - Medicine.

Explain with examples

(c) Banking and financial transactions

- Online transactions.
- With electronic financial system transactions become quick and safe.
- Minimize using money.
- Transactions become easy
(E-banking, E-commerce, Credit card)

Explain with examples

Mentioning one example for each sector = 1 x 3 = 03 marks

Explanation = 02 marks

05 marks

Question 08

8. (i) Name **two** countries in the world where wild fires occur frequently. (02 marks)

(i)

- Australia
- Canada
- U.S.A.
- France
- Chine
- Indonesia
- Central African Countries

Naming two countries = 1 + 1 = 02

(ii) Write separately **two** natural reasons and **one** human reason causing wild fires. (03 marks)

(ii) (a) Natural Reasons

- Severe droughts and dry winds
- Occurrence of fire due to abrasion of tree trunks together
- Lightning
- Volcano eruption

Naming Two

(b) Human Activities

- Causing fire due to carelessness
- Setting fire

Naming Two

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

(iii) Name **three** measures that you could adopt to mitigate the climate change and describe **one** of those measures. (05 marks)

(iii)

- Less consumption of energy sources that emit greenhouse gases
- Motivation to use energy sources such as wind and solar power
- Using organic manure for crop cultivation instead of chemical fertilizers
- Management of solid waste materials
- Assisting of afforestation and tree planting
- Using common transportation facilities
- Maintain the consumption pattern simple and without any adverse effect.

Naming three measures = 1 x 3 = 03 marks

Description of one measure = 02 marks

05 marks
