

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
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 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

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
 புவிமியல் 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:

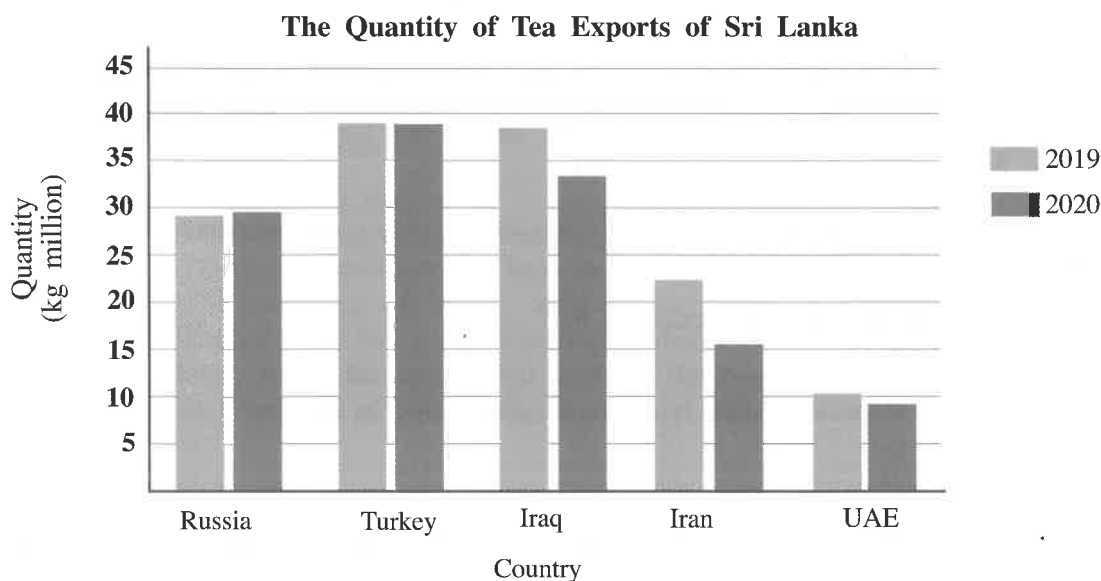
- * This question paper comprises 40 questions.
- * Answer **all** questions on **this paper itself** in accordance with the instructions given for each question.

- 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.

- 20.
- | 'a' | 'b' |
|-----------------------------|-----------------------|
| Land form | The located continent |
| 1. Drakensberg mountains | A - North America |
| 2. The Great Dividing Range | B - Australia |
| 3. Appalachian mountains | C - Africa |
| | D - Europe |
| (1) A, B, C | (2) B, C, D |
| (3) C, B, A | (4) D, B, A |
| | (.....) |

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 | (.....) |
|-------|-------|-------|-------|---------|

* *

භූගෝල විද්‍යාව	I, II
ප්‍රාක්‍රීය විද්‍යාව	I, II
Geography	I, 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**.

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 **Ⓐ** – **Ⓑ**?
(uniform slope / convex slope / concave slope) (01 mark)
 - (ii) What is the feature shown by the letter **Ⓒ**?
(rock outcrop / scrub / forest) (01 mark)
 - (iii) What is indicated by the value shown by letter **Ⓓ**?
(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 **Ⓔ**. (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 **Ⓔ** 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 – **Ⓐ**, **Ⓑ**, **Ⓒ**
 - (ii) Parana Paraguay River – **Ⓓ**, **Ⓔ**, **Ⓕ**
 - (iii) Great Slave Lake – **Ⓖ**, **Ⓗ**, **Ⓘ**
 - (iv) Taiwan Island – **Ⓢ**, **Ⓣ**, **Ⓤ**
 - (v) City of Perth – **Ⓧ**, **Ⓨ**, **Ⓩ**

(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**

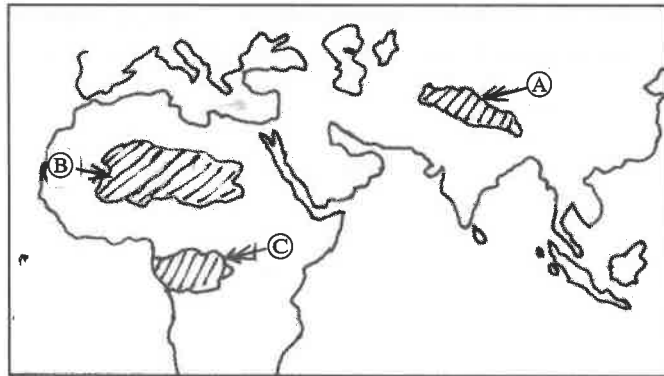
(v) Senanayaka Samudra – **W**, **X**, **Y**

(05 marks)

Part II

- Name the **two** parts of the Earth's crust divided in terms of the density of rocks, composition and location. (02 marks)
 - State **three** salient features of the Earth's mantle. (03 marks)
 - Explain with examples related to the following headings how the Earth's crust is useful to man in deriving his needs. (05 marks)
 - agriculture
 - industry
 - energy
- State the soil type suitable for the cultivation of each crop given below. (02 marks)
 - wheat
 - paddy
 - State **three** salient features of the paddy cultivation in the wet zone of Sri Lanka. (03 marks)
 - 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
 - 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)
- State **two** reasons for the significance of iron and steel as an industrial product. (02 marks)
 - Name **one** centre of iron and steel production in each of the following countries. (03 marks)
 - India
 - China
 - United States of America
 - 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)

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

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)

විනාශ අංකය

சுட்டுடண்

Index Number

(61)	භූගෝල විද්‍යාව	II
	புவியியல்	II
	Geography	II

1. (ဇ) / (အ) / (a)

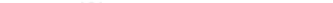
(i)

(ii) $\dots\dots\dots$

(iii) 1

(iv) 10

(v)

(vi) 

(vii) $\dots$

(viii) $\dots$

(ix)
.....

පරීක්ෂකවරයාගේ
ප්‍රයෝජනය පිණිසයි.

பரீட்சகரின்

உபயோகத்திற்கு மட்டும்

For Examiner's
Use Only

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11

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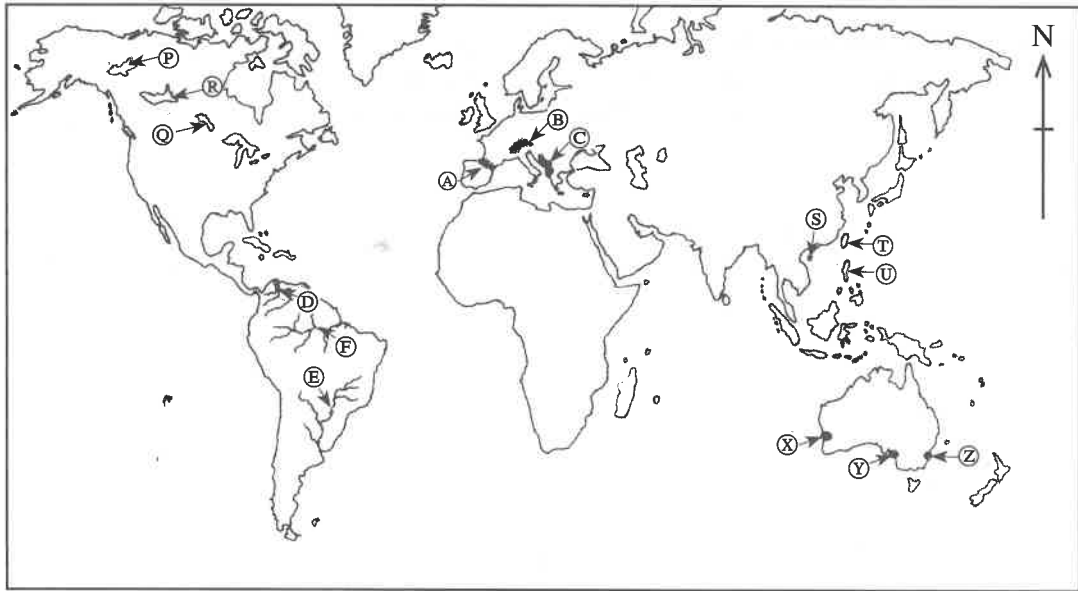
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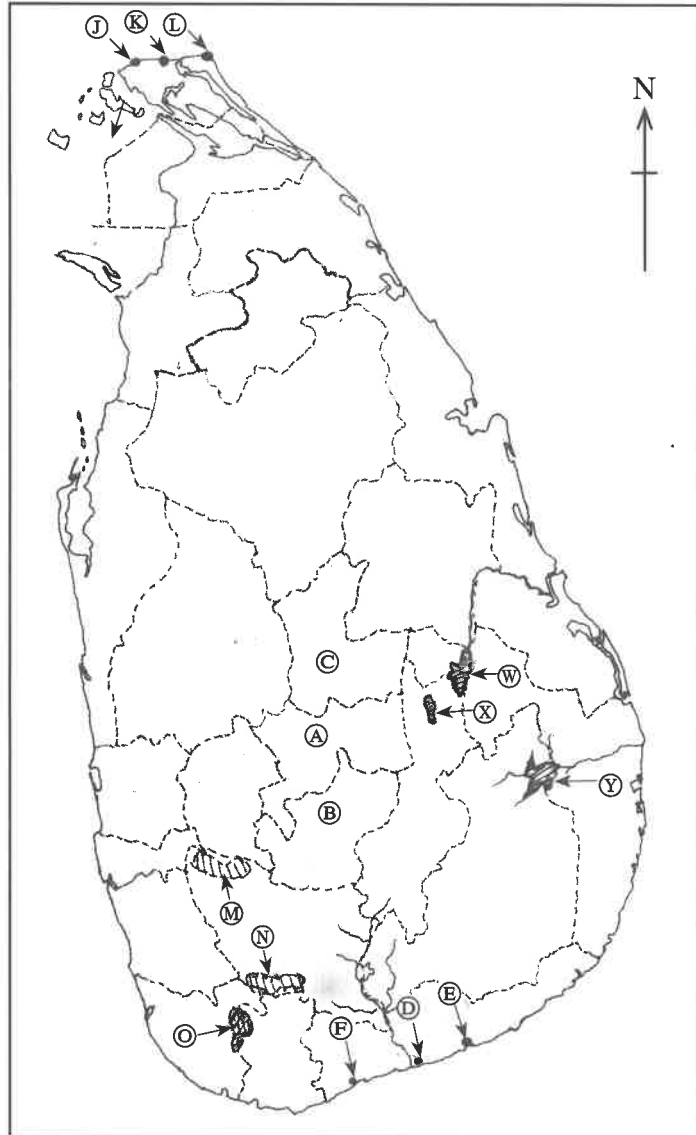
11

A right triangle with a hypotenuse of length 10.

(ஞ) / (ஆ) / (b)

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

(ஞ) / (இ) / (c)

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

பரீක්ஷைவரலாயுதே ப்ரயுதேர்பனய பிஹிஹி. பரீட்சகரின் ஁பயோகத்திற்கு மட்டும். For Examiner's Use Only.

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

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
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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 II / புவிமியல் II / Geography II

