

OL/2020/61/E-I, II

සියලු ම හිමිකම් ඇවිරිණි | முழுப் பதிப்புரிமையுடையது [All Rights Reserved]

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අධ්‍යයන පොදු සහතික පත්‍ර (සාමාන්‍ය පෙළ) විභාගය, 2020
 கல்விப் பொதுத் தராதரப் பத்திர (சாதாரண தர)ப் பரீட்சை, 2020
 General Certificate of Education (Ord. Level) Examination, 2020

| | |
|----------------|-------|
| 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 and decide on the questions that you give priority in answering.

Index No. :

Geography I

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

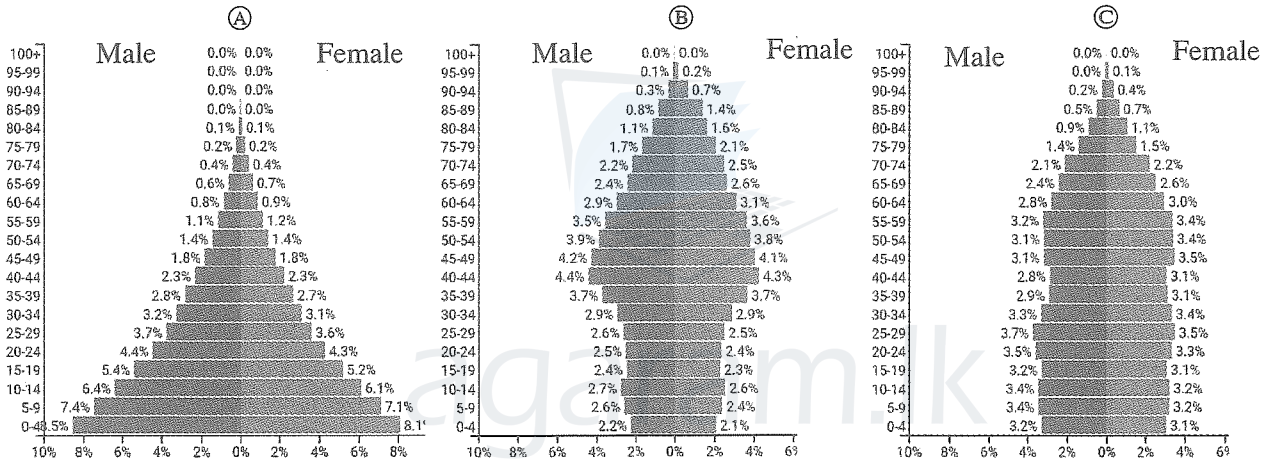
- From the answers given in the parentheses, select the answer that suits the blank in each question from No. 1 to 5 and write it on the dotted line.
- Sri Lanka is located on the geo-tectonic plate.
(Arabian / African / Indo-Australian)
 - Of the total amount of global water is oceanic water.
(97.5% / 79% / 71%)
 - Of the three horizons of a soil profile, humus soils contain in the horizon.
(A / B / C)
 - The Mediterranean climate is a special type of climate that could be identified within the climatic zone of the World.
(Tropical / Temperate / Cold)
 - The main mountain range located in South America is known as mountains.
(Cordillera / Andes / Rocky)
- Read each statement from No. 6 to 10 and circle 'C' if it is correct and circle 'W' if it is incorrect.
- Graphite is a valuable ferrous mineral resource. C / W
 - Of the soil types in Sri Lanka the Reddish Brown Latozol soil is a soil type endemic to the Wet Zone. C / W
 - Of the total land area of the World about 65% is sparsely populated areas. C / W
 - The local milk production supplies the total amount of milk requirements of Sri Lanka. C / W
 - A favourable atmosphere for the existence of the organisms on the Earth is created by the Greenhouse effect. C / W

● In questions from No. 11 to 19 fill the blanks with suitable words.

11. igneous rocks are formed by cooling off the molten magma that comes to the surface from the Earth's interior.
12. In the region between 50° to 60° latitudes in the Northern hemisphere forests are distributed.
13. The territorial sea limit of Sri Lanka is considered as the zone that extends nautical miles from the coast line.
14. The mostly produced and consumed grain crop of the World is
15. Of the three sectors, agriculture, industry and services, a largest number of persons in the labour force of Sri Lanka is engaged in the sector.

● To answer the questions from No. 16 to 19 use the graphs given below.

Three graphs, (A), (B) and (C) depicting the population by age structure of three countries of the World in the year 2019 are given below.



source - <https://www.populationpyramid.net/>

16. What is the letter that indicates the country with a high child-dependency value?
17. What is the letter that indicates the country that an ongoing depopulation could be observed?
18. What is the letter that indicates the country showing an almost stable level of population growth?
19. What is the letter that indicates the country where a low level of life expectancy is discernible?

● 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'.

- | | | |
|-----|---|---|
| 20. | <p>'A'</p> <p>Crop</p> <ol style="list-style-type: none"> 1. Tea 2. Rubber 3. Citrus | <p>'B'</p> <p>Districts important for cultivation</p> <ol style="list-style-type: none"> A - Kalutara B - Hambantota C - Badulla D - Moneragala |
| | <p>(1) A, B, C (2) A, C, D (3) C, A, B (4) C, B, A (.....)</p> | |

[see page three

21. 'A' Locations related to fisheries
 1. Myliddy
 2. Peliyagoda
 3. Kalpitiya
 (1) A, B, C (2) B, D, C (3) C, B, A (4) C, B, D (.....)
- 'B' Fisheries activities
 A - Fisheries Training Centre
 B - Main wholesale fish market
 C - Fisheries harbour unloading fish
 D - Drying of fish and prawn culture
22. 'A' Atmospheric Layers
 1. Troposphere
 2. Stratosphere
 3. Mesosphere
 (1) A, B, C (2) B, A, C (3) B, C, D (4) C, B, D (.....)
- 'B' Specific characteristics
 A - Ozone layer is located
 B - Extends up to 8km - 12km from the earth's crust
 C - Lowest temperature in the atmosphere exists here
 D - This is the layer with highest temperature
23. 'A' Mineral type
 1. Silica sand
 2. Ilmenite
 3. Zircon
 (1) A, B, C (2) B, D, C (3) C, A, B (4) D, A, B (.....)
- 'B' Areas distributed
 A - Nilaveli
 B - Balangoda
 C - Marawila
 D - Eppawala
24. 'A' Colours used to show cultural features in metric maps
 1. Yellow colour
 2. Red colour
 3. Black colour
 (1) A, B, C (2) B, C, A (3) B, C, D (4) D, B, A (.....)
- 'B' Cultural features
 A - Railways
 B - Home Gardens
 C - School
 D - Irrigation canal
- For each question from No. 25 to 36, select the correct or most appropriate answer from the four answers given and write its number on the dotted line provided against it
25. From the information given from A to E below select the answer which contains only two information relevant to wheat cultivation.
 A - A monoculture and large farm lands
 B - A mixed farming system and organized as small farms
 C - Mechanization at a large scale
 D - Cold wet climate during growing season and chernozem soils
 E - Planes with Alluvial soils
 (1) A and B (2) A and D (3) B and C (4) D and E (.....)
26. Of various lightening types the one that directly affects the community is
 (1) Earth lightening. (2) Air lightening.
 (3) Cloud lightening. (4) Cyclonic lightening. (.....)
27. The pair of major cotton growing countries of the world is
 (1) China and India. (2) Egypt and South Korea.
 (3) Japan and Uganda. (4) Pakistan and Australia. (.....)
28. The specific name given to the cyclonic winds that emerge in the Northern Atlantic ocean is
 (1) Willy Willys. (2) Hurricane. (3) Typhoon. (4) Baguio. (.....)
29. The photosynthesis process which is essential for the existence of mankind occurs in the
 (1) Troposphere. (2) Lithosphere. (3) Stratophere. (4) Biosphere. (.....)

30. Select the answer which contains two metamorphic rocks only.
 (1) Diamonds, Marble (2) Limestones, Coal
 (3) Graphite, Gypsum (4) Diamonds, Coal (.....)
31. The economic activity of the world that tremendously lagged behind due to the spread of COVID-19 pandemic was
 (1) Food production. (2) Garment industry.
 (3) Export of manufactured products. (4) Tourism industry. (.....)
32. What is the true statement regarding the fisheries industry in Sri Lanka?
 (1) A largest amount of fish is caught from the deep sea.
 (2) Use of technological methods is at a high level.
 (3) Although fisheries products are exported the country is not at self-sufficient level in fisheries industry.
 (4) The monopoly of the coastal fisheries industry is owned by the multi-national companies. (.....)
33. The most productive measure that could be taken to develop human resources of a country is
 (1) development of favourable attitudes.
 (2) development of physical and mental skills.
 (3) improvement of infrastructure facilities.
 (4) provision of employment opportunities. (.....)
34. A major factor that leads to an acute environmental problem encountered by the future world due to the technological development is
 (1) mixing of petroleum in ocean water.
 (2) disposal of plastic waste into the ocean.
 (3) decrease in the percentage of forests due to human activities.
 (4) irregular disposal of electronic waste. (.....)
35. The fish varieties such as Grass carp, Silver carp, Catla and Gurami are caught from the
 (1) deep sea. (2) coastal shallow sea.
 (3) fresh water reservoirs. (4) brackish water reservoirs like lagoons. (.....)
36. The water deposited in between soil strata is known as
 (1) surface water. (2) ground water. (3) soil water. (4) permeable water. (.....)
- Study carefully the pairs of interconnected topics shown by letters A, B, C and D and answer the questions from No. 37 to 40.
- | | |
|-------------------------------|-----------------------|
| A - 1. Burning of fossil fuel | B - 1. Migration |
| 2. Renewable energy | 2. Population |
| C - 1. Land utilization | D - 1. Global warming |
| 2. Soil erosion | 2. Sun spots |
37. What is the pair of topics which indicates that the second would act to minimize the adverse effects of the first?
 (1) A (2) B (3) C (4) D (.....)
38. What is the pair of topics that indicates the second would cause an increase in the first?
 (1) A (2) B (3) C (4) D (.....)
39. What is the pair of topics that indicates the first would results in an increase as well as a decrease in the second?
 (1) A (2) B (3) C (4) D (.....)
40. What is the pair of topics that indicates the irregularity in the first is a reason for the second?
 (1) A (2) B (3) C (4) D (.....)

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 கல்விப் பொதுத் தராதரப் பத்திர (சாதாரண தரப் பரீட்சை, 2020
 General Certificate of Education (Ord. Level) Examination, 2020

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

Geography II

- * This paper consists of two parts - I and II.
- * The question in Part I is compulsory. All three parts of it, namely (a), (b) and (c) should be answered.
- * Four questions from Part II 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 provided and answer the questions based on that. In answering use the paper provided to you (page no. 8).
 For questions from No (i) to (iv) select the appropriate answer from the parentheses and write it.
- (i) What is shown by letter A? (01 mark)
 (Mangrove / Coast protection ridges / Sand bank)
- (ii) What is the feature shown by letter B? (01 mark)
 (Shrubs / Marsh / Grassland)
- (iii) What is the pink coloured area shown by letter C? (01 mark)
 (built-up area / tourism zone / protected area)
- (iv) What is shown by letter D? (01 mark)
 (territorial sea boundary / continental shelf boundary / Bathymetrical line)
- (v) What is the administrative boundary shown by letter E? (01 mark)
- (vi) Name two institutions that provide public services in the enclosed area shown by letter F. (02 marks)
- Three statements about the map area are given below. Read each one of the statements and write down C / ✓ if it is correct and W / ✗ if it is incorrect in front of the relevant question number given in the answer sheet.
- (vii) The main commercial crop in the map area is coconut. (01 mark)
- (viii) Chena cultivation is widely distributed around the main river of the map area. (01 mark)
- (ix) The paddy cultivation in the area is practised with the help of rain water. (01 mark)
- (b) Carefully study the world map provided to you and answer the questions given below. In answering, use the column of boxes 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) California peninsula - (W), (X), (Y)
- (ii) Turkey, a country that faced massive damages due to an earthquake occurred recently - (N), (O), (P)
- (iii) Andaman islands, where a port is proposed to be constructed by India to re-ship the commodities in future - (R), (S), (T)
- (iv) Pampass grasslands - (K), (L), (M)
- (v) City of Sydney - (B), (C), (D) (05 marks)

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Agaram.LK - Keep your dreams alive!

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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 column 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) Recently developed **Palali Airport** - (C), (H), (J)

(ii) **Anavilundawa Sanctuary** which has caught attention of the environmentalists - (A), (B), (C)

(iii) **Biyagama Export Processing Zone** - (D), (E), (F)

(iv) **Sangamankanda point** - (O), (P), (R)

(v) Recently constructed **Moragahakanda Reservoir** - (K), (L), (M) (05 marks)

Part II

2. A cross section of the Earth's structure is shown in the figure.

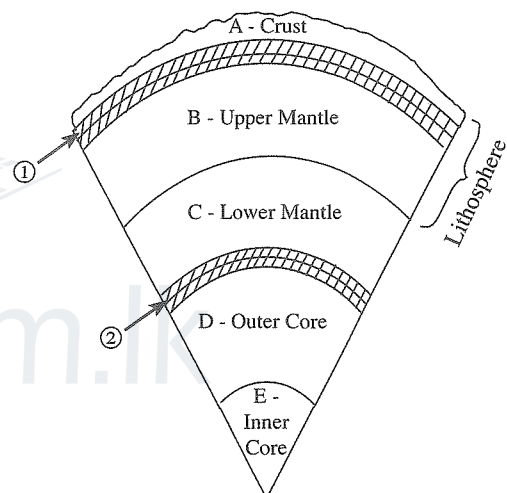
(i) (a) Write the name of the discontinuity shown as the boundary between A and B strata indicated by No. ①.
and

(b) the name of the discontinuity shown as the boundary between C and D strata indicated by No. ②, respectively.

(02 marks)

(ii) State **three** specific characteristics found associated with the structure of A strata. (03 marks)

(iii) Name **three** human activities that exert various impacts on the lithosphere and describe the impacts of **one** of them. (05 marks)



3. (i) Name the **two** major sectors of the World agricultural landuse. (02 marks)

(ii) State **three** problems emerged at present in coconut cultivation practiced under the plantation agriculture in Sri Lanka. (03 marks)

(iii) Explain with examples why the development of coconut industry is important in order to strengthen the economy of Sri Lanka. (05 marks)

4. (i) State **two** sources of energy that belong to the energy factor impacting on the location of industries. (02 marks)

(ii) Write down **three** trends associated with the World Iron and Steel production Industry. (03 marks)

(iii) (a) State **three** problems encountered by the cottage industrialists in Sri Lanka in relation to their industry. (03 marks)

(b) Suggest **two** measures that could be taken to solve the problems that you have mentioned in (iii) (a). (02 marks)

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5. (i) Of the vegetable varieties cultivated in Sri Lanka, name
 (a) a vegetable variety widely cultivated in the highland zone
 (b) a vegetable variety widely cultivated in the Dry Zone (02 marks)
- (ii) State **three** problems faced by the vegetable farmers in Sri Lanka. (03 marks)
- (iii) (a) Name **two** fruit varieties cultivated in Sri Lanka at Commercial level. (02 marks)
 (b) Suggest **two** measures that should be taken to increase the contribution of fruits production to the national economy of Sri Lanka and provide a brief description about **one** of them. (03 marks)
6. (i) Name **two** depleting natural resources of the world. (02 marks)
- (ii) State **three** problems associated with the utilization of soil resources in Sri Lanka. (03 marks)
- (iii) (a) State **two** damages caused to environment in the utilization of mineral resources in Sri Lanka. (02 marks)
 (b) Describe **one** measure that could be taken to prevent the damages you have mentioned in (iii) (a). (03 marks)
7. (i) Name **two** areas of the World where the drought disaster could be widely seen. (02 marks)
- (ii) State,
 (a) an impact on the physical environment,
 (b) **two** impacts on social environment occurred due to the drought disaster. (03 marks)
- (iii) State **three** measures that could be taken to minimize the landslide disaster in Sri Lanka and explain **one** of them. (05 marks)
8. (i) State,
 (a) a human activity
 (b) a natural cause
 that contribute to the increase in global temperature. (02 marks)
- (ii) State **three** unfavourable environmental impacts occurred due to the increase in global temperature. (03 marks)
- (iii) Suggest **three** measures that could be taken as a citizen to minimize the increase in global temperature and describe **one** of them. (05 marks)

* * *



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

අධ්‍යයන පොදු සහතික පත්‍ර (සාමාන්‍ය පෙළ) විභාගය, 2020

கல்விப் பொதுத் தராதரப் பத்திர (சாதாரண தர)ப் பரீட்சை, 2020

General Certificate of Education (Ord. Level) Examination, 2020

විභාග අංකය

සැට්ටෙන

Index Number

(61) භූගෝල විද්‍යාව II
 புவிபியல் II
 Geography II

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

1. (අ) / (அ) / (a)

(i)

(ii)

(iii)

(iv)

(v)

(vi)

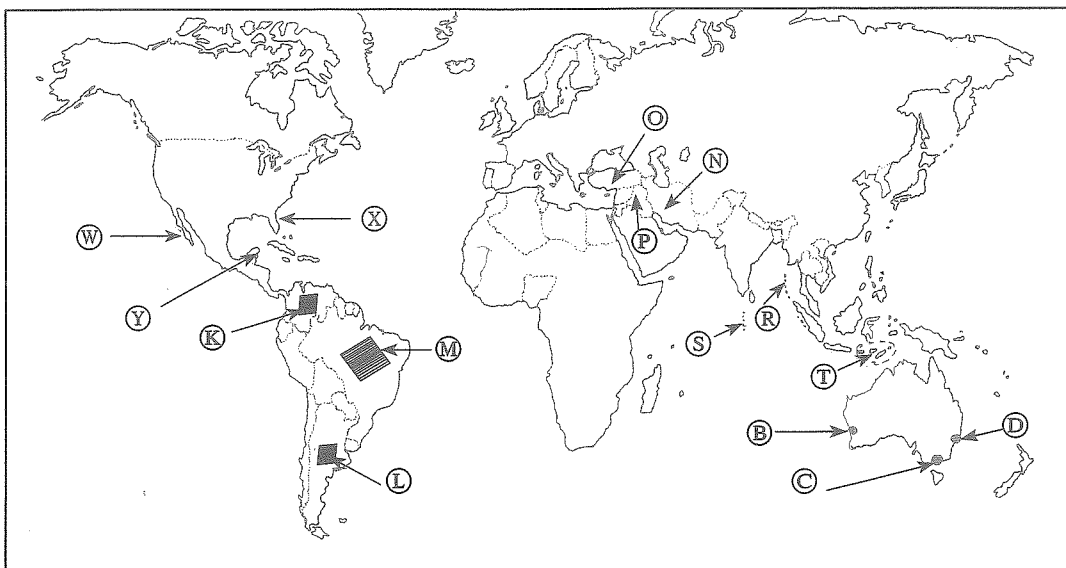
(vii)

(viii)

(ix)

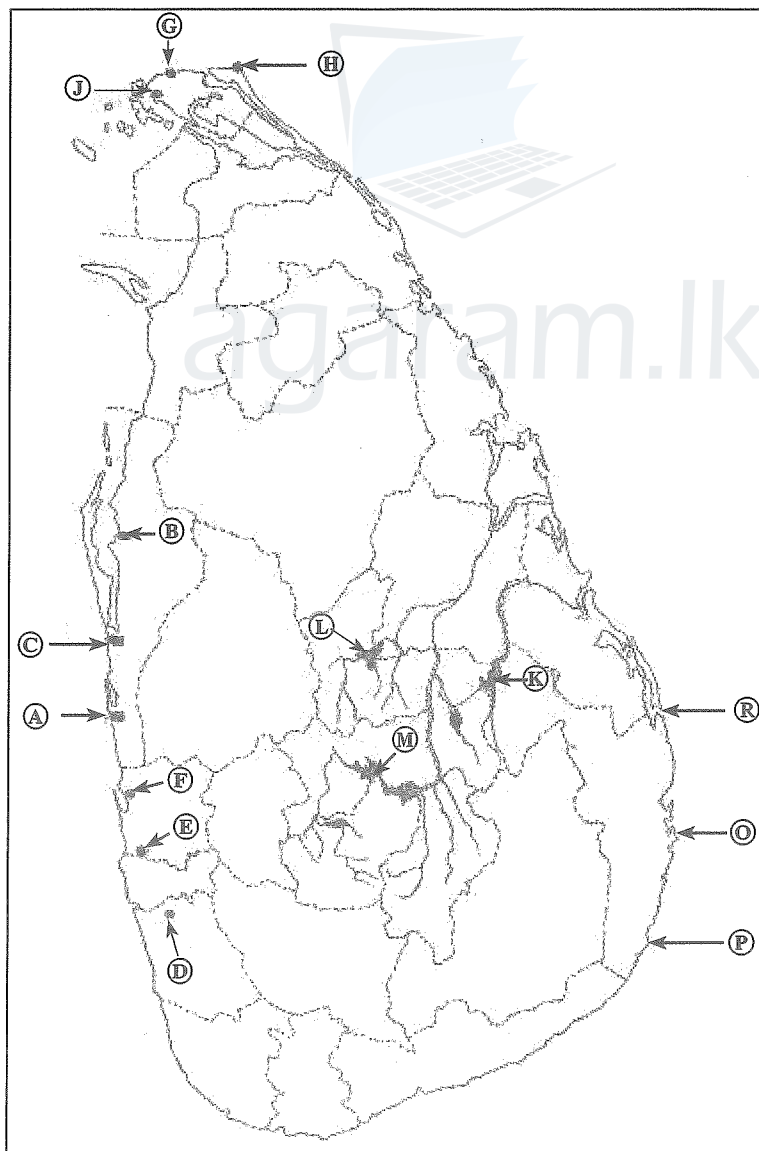
10

(අ) / (ඔ) / (b)



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

(ආ) / (ඔ) / (c)



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

1. (අ) (ඔ) (a) $\frac{10}{10}$

(ආ) (ඔ) (b) $\frac{5}{5}$

(ආ) (ඔ) (c) $\frac{5}{5} = \frac{20}{20}$

සියලු ම හිමිකම් ඇවිරිණි / முழுப் பதிப்புரிமையுடையது / All Rights Reserved

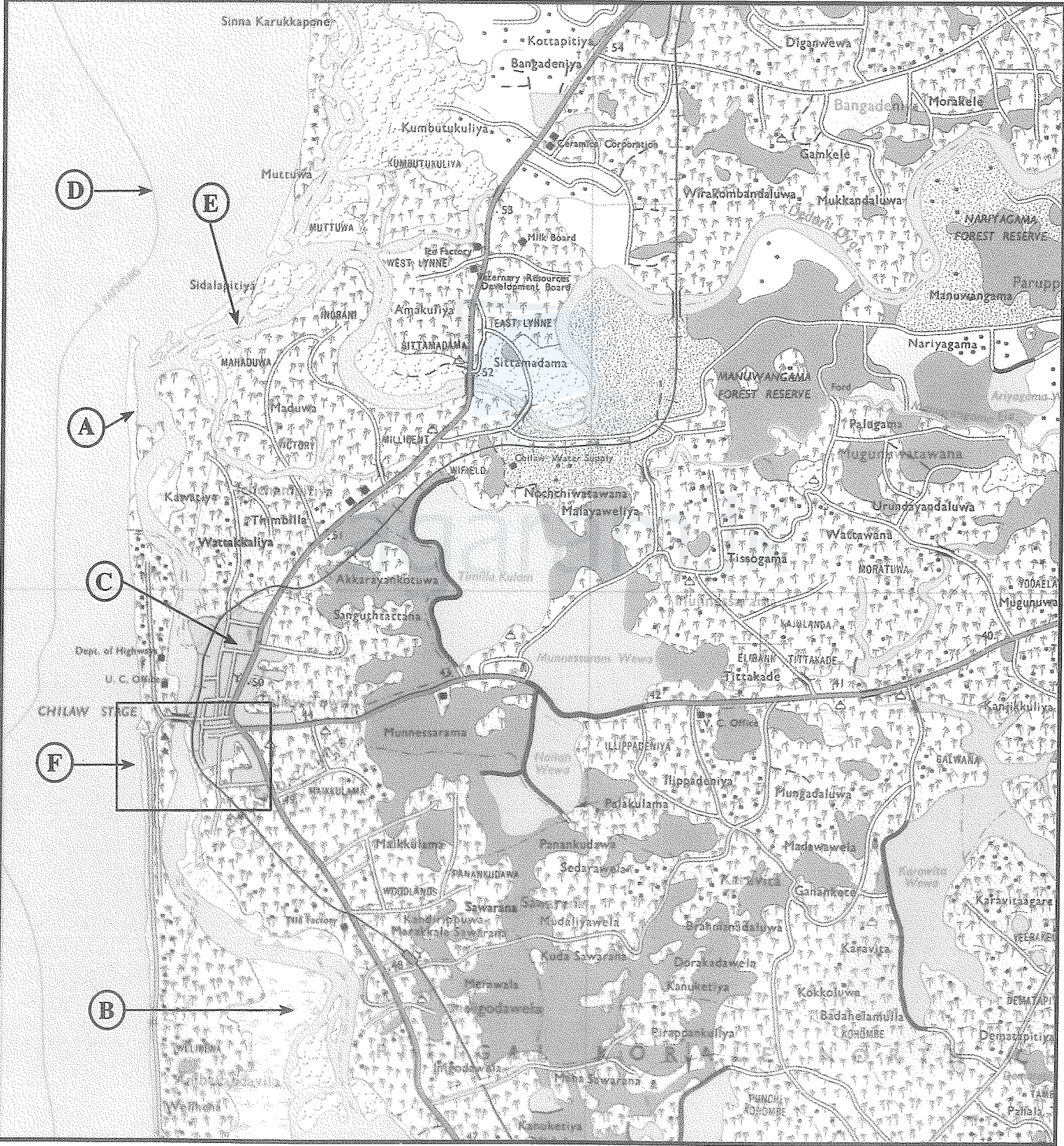
5651

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
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61 II

අධ්‍යයන පොදු සහතික පත්‍ර (සාමාන්‍ය පෙළ) විභාගය, 2020
 கல்விப் பொதுத் தராதரப் பத்திர (சாதாரண தர)ப் பரீட்சை, 2020
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භූගෝල විද්‍යාව II / புவியியல் II / Geography II



SCALE : 1 : 50 000

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