

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

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අධ්‍යයන පොදු සහතික පත්‍ර (සාමාන්‍ය පෙළ) විභාගය, 2021(2022)
கல்விப் பொதுத் தராதரப் பத்திர (சாதாரண தர)ப் பரீட்சை, 2021(2022)
General Certificate of Education (Ord. Level) Examination, 2021(2022)

භූගෝල විද්‍යාව I, II
புவியியல் 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 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 (v), write the appropriate answer selecting from the parentheses.

- (i) What is shown by **Ⓐ** – **Ⓑ** line?
(Steep slope / Convex slope / Concave slope) (01 mark)
- (ii) What is the feature indicated by letter **Ⓒ**?
(Forest / Scrub / Grassland) (01 mark)
- (iii) What is the feature shown by **Ⓓ** – **Ⓔ** line?
(Water divide / Gap / Water gap) (01 mark)
- (iv) What is the area where the highest place in the map section is located?
(North-east / South-east / Central) (01 mark)
- (v) What is the type to which the railway line extending from the south-west to the north-east of the area belong?
(Narrow / Broad Gauge Single / Broad Gauge Double) (01 mark)
- (vi) What is the commercial crop distributed in the area within the square indicated by letter **Ⓕ**? (01 mark)
- (vii) What is the distance between the two railway stations located along the railway line in kilometers? (01 mark)
- (viii) Name **two** institutions that have been given in symbols (except the railway station) that provide general services located within the quadrilateral **Ⓖ**. (02 marks)
- (ix) What is the main physical factor that has influenced the distribution of cultural features such as the railway line, the main road that extends in parallel to it and the administrative boundary found within the map area? (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) **Arabian plateau** – **ⓐ**, **ⓑ**, **ⓒ**
- (ii) **Yukatan peninsula** – **ⓓ**, **ⓔ**, **ⓕ**
- (iii) **Congo river** – **ⓖ**, **ⓗ**, **ⓓ**
- (iv) **City of Beijing** – **ⓐ**, **ⓑ**, **ⓒ**
- (v) **New Zealand** – **ⓓ**, **ⓕ**, **ⓖ**

(05 marks)

[See page six]

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

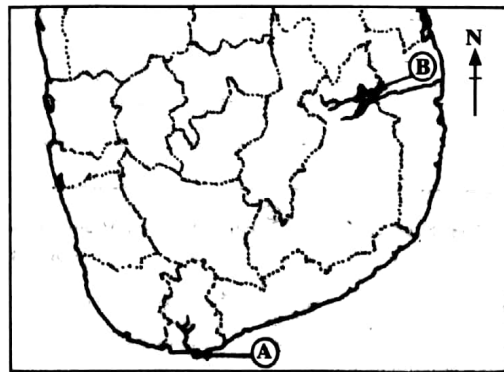
Three English letters are given in front of each question from No. (i) to (v). Select the letter that indicates the correct answer for each question from the map and write it in the adjacent box.

- (i) **Point Pedro** – (A), (B), (C)
- (ii) A place where a **coastal cliff** is located – (O), (P), (Q)
- (iii) **Kumana** Birds Sanctuary – (U), (V), (W)
- (iv) Location of **Kahatagaha** and **Kolongaha** mines where graphite is located – (G), (H), (I)
- (v) The island where the '**Thambapawani**' wind power station was commenced recently – (D), (E), (F)

(05 marks)

Part II

2. (i) Name
 - (a) a biotic factor
 - (b) an abiotic factor respectively, that affect the process of the biosphere. (02 marks)
 - (ii) State **three** boundaries of the biosphere with examples. (03 marks)
 - (iii) State **three** threats arisen due to human activities that affect the existence of the biosphere and describe **one** of them. (05 marks)
3. (i) Write down the countries respectively within which each of the following river valleys are located where paddy is cultivated outside Asia.
 - (a) Po river valley
 - (b) Murray - Darling river valley (02 marks)
 - (ii) State **three** reasons for the significance of paddy cultivation in the economy of Sri Lanka. (03 marks)
 - (iii) (a) State **two** advantages in using organic fertilizers in paddy cultivation in Sri Lanka.
 - (b) State a problem in using organic fertilizer in paddy cultivation and describe a measure that could be adopted to solve it. (05 marks)
4. (i) In the adjoining map section of Sri Lanka, write the names of the
 - fisheries harbour indicated by letter (A) and
 - fresh water fish breeding centre indicated by letter (B) respectively. (02 marks)
 - (ii) State **three** reasons for the significance of the fisheries industry in the economy of Sri Lanka. (03 marks)
 - (iii) (a) State **two** ways how ocean water becomes polluted.
 - (b) Describe with **two** factors how the pollution of ocean water unfavourably affects the fisheries industry of Sri Lanka. (05 marks)



[See page seven]

6. (i) Name **two** major types of forests distributed in the world. (02 marks)
 (ii) State **three** problems encountered by the forests and wildlife at present. (03 marks)
 (iii) Suggest **three** measures that could be adopted to conserve the forests in Sri Lanka and explain how you could participate in the implementation of one of those measures. (05 marks)

7. (i) In the adjoining map section identify the name of the densely populated region indicated by letter **(A)** and the name of the sparsely populated region indicated by letter **(B)** respectively. (02 marks)
 (ii) State **three** problems emerged at present in the developing countries of the world due to rapid growth of population. (03 marks)
 (iii) State **three** recent salient features that could be identified in the population of Sri Lanka and selecting one of them, describe how it affects the development of Sri Lanka. (05 marks)



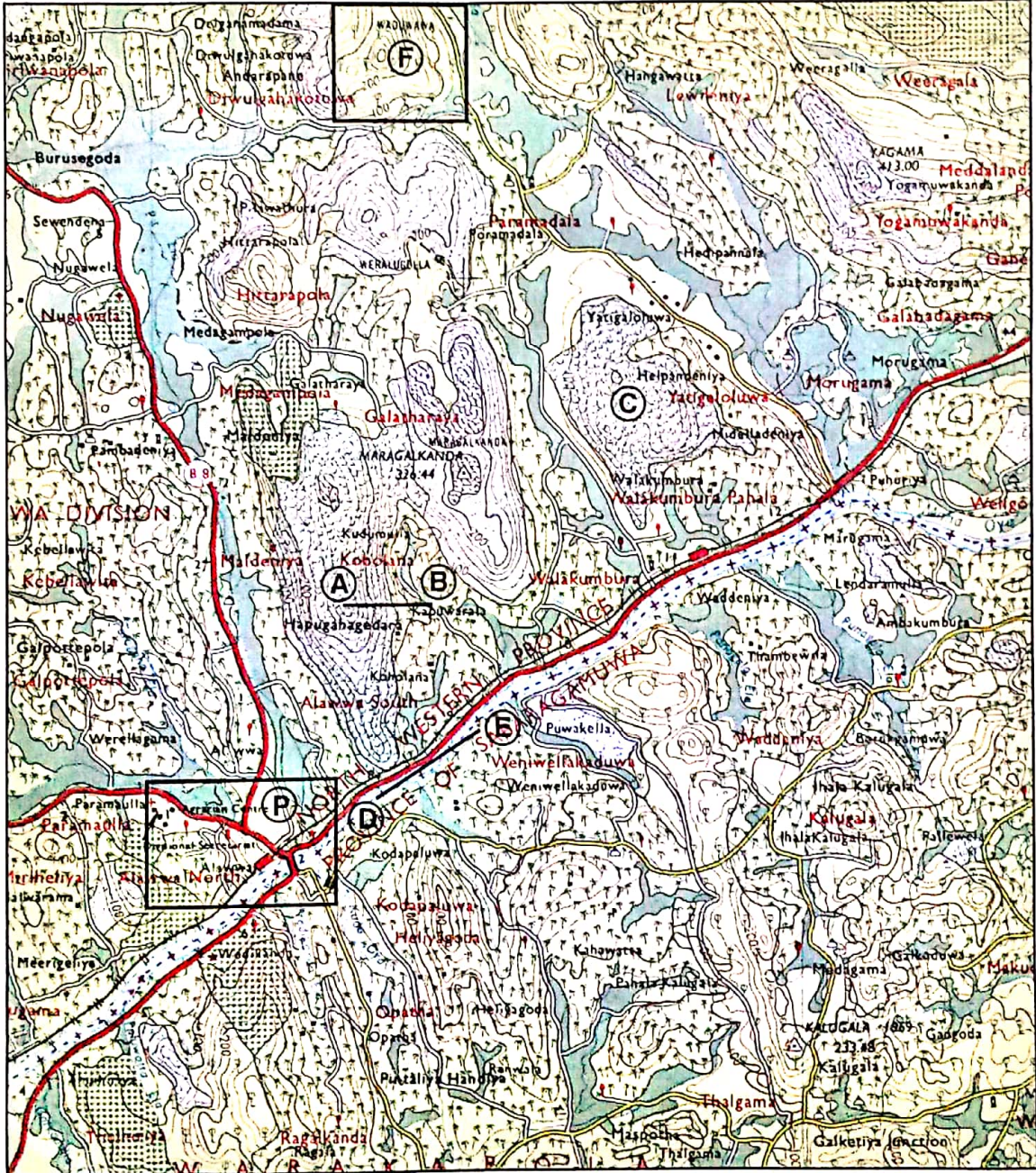
8. (i) Provide an example for each of the hazard types given below.
 (a) Biological hazards (02 marks)
 (b) Geological hazards
 (ii) Name **three** river valleys in Sri Lanka susceptible to often flooding. (03 marks)
 (iii) State **three** measures that could be adopted to mitigate the flood hazard in Sri Lanka and explain **one** of them. (05 marks)

ශ්‍රී ලංකා විභාග දෙපාර්තමේන්තුව ශ්‍රී ලංකා විභාග දෙපාර්තමේන්තුව ශ්‍රී ලංකා විභාග දෙපාර්තමේන්තුව ශ්‍රී ලංකා විභාග දෙපාර්තමේන්තුව ශ්‍රී ලංකා විභාග දෙපාර්තමේන්තුව
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භූගෝල විද්‍යාව II / புவிவியல் II / Geography II



SCALE : 1 : 50,000