

கிடைத்தல் முடியும் / முழுப் பதிப்புரிமைபுடையது / All Rights Reserved]

නව නිර්දේශය/புதிய பாடத்திட்டம்/New Syllabus

NEW

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

61 E I, II

உயர்வகைப் பொதுத் தராதரப் பத்திர (சாதாரண தர)ப் பரீட்சை, 2016 டிசெம்பர்
கல்விப் பொதுத் தராதரப் பத்திர (சாதாரண தர)ப் பரீட்சை, 2016 டிசெம்பர்
General Certificate of Education (Ord. Level) Examination, December 2016

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

පැය තුනයි
மூன்று மணித்தியாலம்
Three hours

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.

- Select from the answers given within brackets, the answer that suits the blank in each question from No. 1 to 10 and **write it on the dotted line**.
- 1. According to the composition, the number of sub-systems of the earth-system is
(two / three / four)
- 2. Earth's crust separates itself from the mantle from the discontinuity.
(Gutenberg / Mohorovicic / Lehmann)
- 3. Among the earth's resources belongs to biotic resources group.
(soils / water / forests)
- 4. The plateau located at the highest elevation of the world is
(Pamir / Tibetan / Mongolian)
- 5. river originates from a lake.
(Thames / Rhine / Nile)
- 6. It is for cultivation that laterite soil is needed as a favourable factor.
(coconut / rubber / tea)
- 7. Dolomite rock is widely distributed in district.
(Nuwara Eliya / Jaffna / Matale)
- 8. In Sri Lanka the widely used source for energy generation is
(water / petroleum / bio-mass)
- 9. is considered a major densely populated region of the world.
(East Asia / Central Australia / Eastern Europe)
- 10. Taking into account the ease of using, 1 : 50 000 topographic map of Sri Lanka has been divided into 92 map sheets and printed. The land area covered by one such sheet is in square kilometres.
(1 000 / 10 000 / 50 000)

- Read each statement given under questions from No. 11 to 15 and circle 'C' if it is correct and circle 'W' if it is wrong.

11. The coconut cultivation area connected by Ranna, Tangalle and Middeniya is known as the 'minor coconut triangle'. C / W
12. A salient characteristic of the troposphere is the increase in temperature with altitude. C / W
13. The highest percentage of the total labour force of Sri Lanka is employed in the agricultural sector. C / W
14. 76% of the world's total population live in the two continents of Asia and Africa. C / W
15. Black sea is entirely surrounded by land. C / W

- There are two columns designated as 'A' and 'B' for questions from 16 to 20. Write the **number** of the correct answer **on the dotted line** when they are matched according to their relationship.

16. A few major layers of the Earth's atmosphere is shown under column 'A'. The heights at the upper limit of the atmospheric layers are shown under column 'B'. Select the correct answer when column 'B' is matched according to the order in column 'A'.

'A'

1. Troposphere
2. Mesosphere
3. Stratosphere

'B'

- A - 50 km
- B - 20 km
- C - 120 km
- D - 80 km

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

17. A few sources of energy producing electricity in Sri Lanka is given under column 'A'. A few places where power stations of Sri Lanka are located is given under column 'B'. Select the correct answer when column 'B' is matched according to the order in column 'A'.

'A'

1. Wind power
2. Thermo power
3. Solar power

'B'

- A - Puttalam
- B - Kotmale
- C - Baruthakanda
- D - Kerawalapitiya

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

18. A few natural disasters in the world are given under column 'A'. The areas frequently susceptible to natural disasters are given in column 'B'. Select the correct answer when column 'B' is matched according to the order in column 'A'.

'A'

1. Drought
2. Cyclones
3. Wild fire

'B'

- A - Indonesia
- B - Mid-Atlantic Ocean region
- C - Bay of Bengal
- D - Central African Sahel region

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

19. Some economic activities practised in Sri Lanka are given under column 'A'. The areas where economic activities are distributed are shown in column 'B'. Select the correct answer when column 'B' is matched according to the order in column 'A'.

'A'

1. Brackish water fisheries activities
2. Minor export crop cultivation
3. Dairy Farming

'B'

- A - Ambewela
- B - Negombo
- C - Matale
- D - Kandy

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

20. Several leading iron and steel producing countries in the world are given under column 'A'. Several iron and steel producing regions are given in column 'B'. Select the correct answer when column 'B' is matched according to the order in column 'A'.

'A'

1. China
2. United Kingdom
3. Russia

'B'

- A - Kuznetsk region
- B - Manchuria region
- C - Birmingham region
- D - Glasgow region

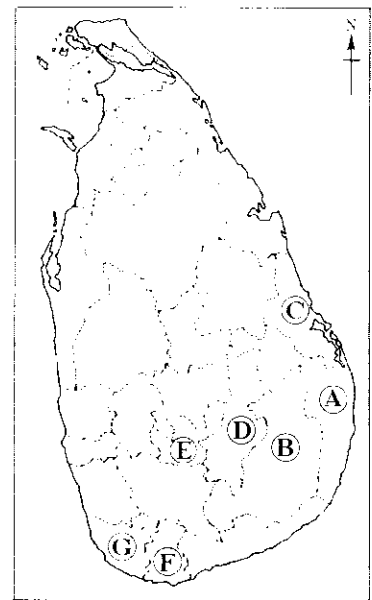
- (1) A, D, B (2) B, C, D (3) D, A, C (4) B, C, A (.....)

- Fill in the blanks in the questions from No. 21 to 25 with suitable words.

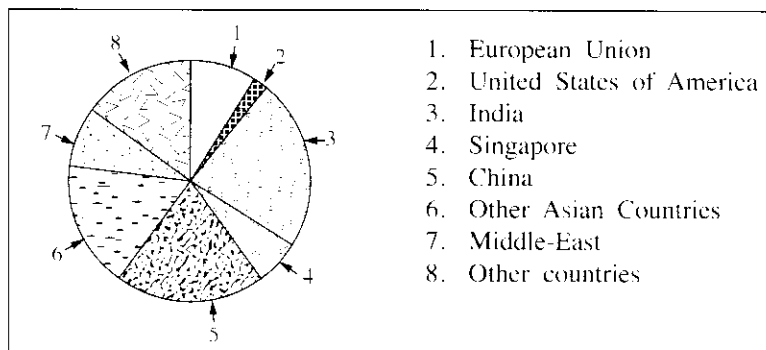
21. The lithosphere of the Earth is composed of many moving very slowly in relation to each other.
22. The south latitude of $23\frac{1}{2}^{\circ}$ is known as the tropic of
23. The graphite mined in Sri Lanka are classified as Vein graphite and
24. According to the classification of maps, the maps drawn to show one particular item are called maps.
25. According to the International law of sea, 'the territorial maritime boundary' of Sri Lanka is considered as the zone up to nautical miles from the coast line.

- Use the map of Sri Lanka provided to answer the questions No. 26 and 27.

26. It is by letter that the district which the Gal Oya Senanayake Samudra is located is shown.
27. Of the tea cultivated areas of Sri Lanka, a district where 'mid country tea' is grown is shown by letter



- A graph depicting the sources of imports of Sri Lanka in 2015 is given below. Study it carefully and answer the questions No. 28 to 30.



(Source: Central Bank Report, Sri Lanka – 2015)

28. According to the graph, the country from which the largest quantity of goods was imported to Sri Lanka in 2015 was
29. In 2015, the country from which the lowest quantity of goods was imported to Sri Lanka from
30. The graphical method that has been used to depict the sources of imports of Sri Lanka in 2015 is known as

- For each question from No. 31 to 40, select the **correct** or the **most appropriate** answer from the four answers given and **write its number on the dotted line** provided against it.
31. Most of the meteorites coming to Earth from the space are burnt and destroyed in the
 (1) troposphere. (2) stratosphere. (3) thermosphere. (4) mesosphere. (.....)
32. The continental crust consists of
 (1) Silicates. (2) Basalt rocks. (3) granite rocks. (4) magnesium. (.....)
33. Select **incorrect** statement about the biosphere from the following.
 (1) Biosphere is the entire bio-environment functioning actively all the time.
 (2) It is within the biosphere that the process of photosynthesis takes place.
 (3) There is an interrelationship between plant and animal life in the biosphere.
 (4) Biosphere totally consists of the lithosphere and parts of the hydrosphere. (.....)
34. 'The tropical zone' is the zone between
 (1) the tropic of Cancer and Equator.
 (2) the tropic of Cancer and tropic of Capricorn.
 (3) the tropic of Capricorn and Antarctic circle.
 (4) the Equator and tropic of Capricorn. (.....)
- Use the information given below to answer questions 35 and 36.
- A - Depletion of the ozone layer
 B - Soil erosion
 C - Reaching of harmful sun rays on the Earth's surface
 D - Agricultural yield
 E - Atmospheric temperature
35. The answer that shows the two letters indicating that an increase in one factor results in the decrease of another factor is
 (1) A and C. (2) A and D. (3) C and E. (4) B and D. (.....)
36. The answer that shows the two letters indicating that an increase in one factor results in an increase the another factor is
 (1) A and C. (2) C and E. (3) A and E. (4) B and D. (.....)
37. The number of groups that the countries of the world could be grouped according to the Human Development Index (HDI) is
 (1) 2. (2) 3. (3) 4. (4) 5. (.....)
38. Which one of the following could be considered as a natural hazard aggravated by human activities?
 (1) Earthquakes (2) Volcanic eruptions
 (3) Tsunami (4) Landslides (.....)
39. The mineral that has been distributed in areas like Rattota, Meetiyagoda and Boralessgamuva is
 (1) Graphite. (2) Limestone. (3) Kaolin. (4) Gems. (.....)
40. Select the pair of districts of Sri Lanka where landslides occur frequently.
 (1) Kegalle, Nuwara Eliya (2) Matale, Kurunegala
 (3) Kandy, Moneragala (4) Badulla, Gampaha (.....)

* *

නව නිර්දේශය/புதிய பாடத்திட்டம்/New Syllabus

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

අධ්‍යයන පොදු කණික පත (සාමාන්‍ය පෙළ) විභාගය 2016 දෙසැම්බර්

විභාග අංකය

கல்விப் பொதுத் தராதரப் பத்திர(சாதாரண தர)ப் பரீட்சை, 2016 டிசெம்பர்

සැ. ශ්‍රේ. අංකය

General Certificate of Education (Ord. Level) Examination, December 2016

Index Number

(61) භූගෝල විද්‍යාව **II**
 புவியியல் **II**
 Geography **II**

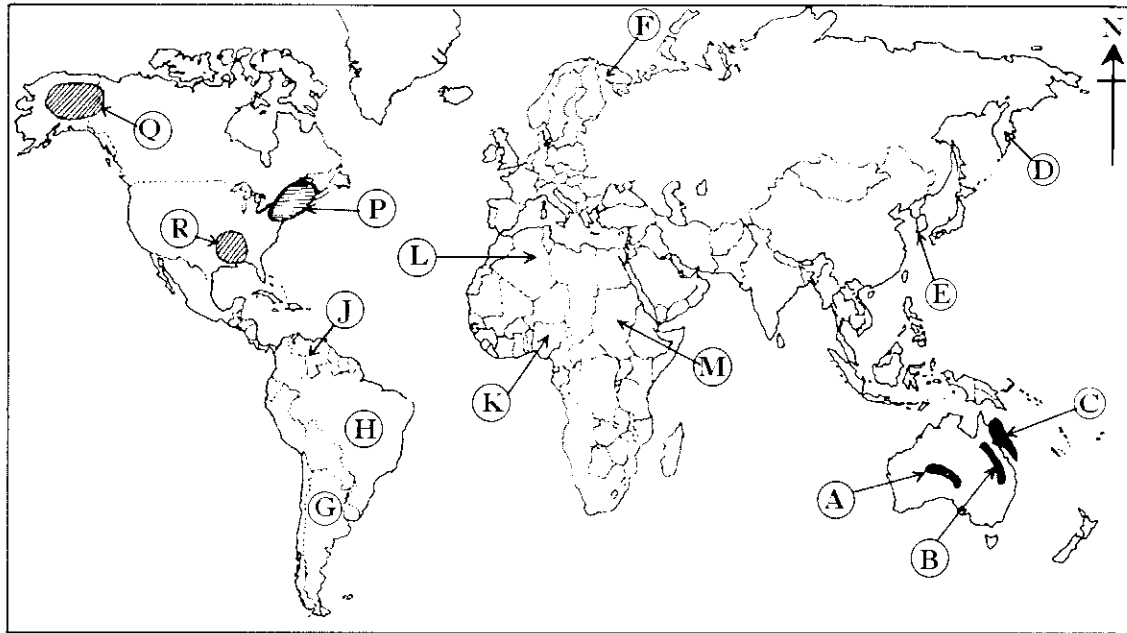
1. (අ) (அ) (a)

- (i)
- (ii)
- (iii)
- (iv)
- (v)
- (vi) (a)
- (b)
- (c)
- (vii)
- (viii)

පරීක්ෂකවරයාගේ
 ප්‍රයෝජනය සිදුකෙරෙයි.
 பரீட்சகரின் உபயோகத்
 துக்கு மட்டுமே
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 Use Only

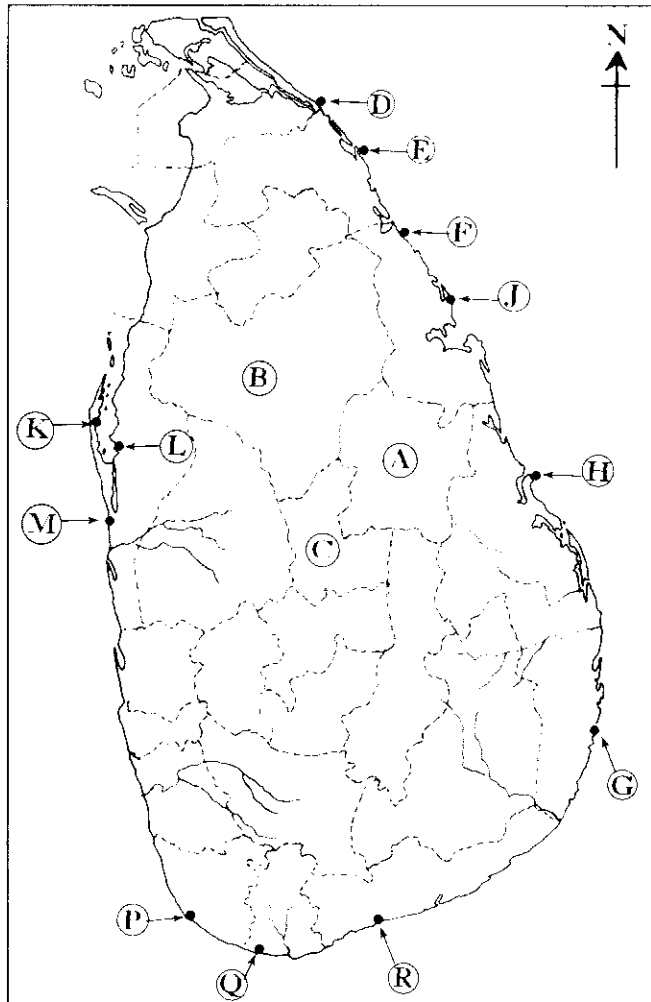
10

(අ) (ඔ) (b)



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

(අ) (ඔ) (c)



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

1. (අ) (ඔ) (a) $\frac{\quad}{10}$

(අ) (ඔ) (b) $\frac{\quad}{5}$

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

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නව නිර්දේශය/புதிய பாடத்திட்டம்/New Syllabus

NEW

இலங்கைப் பரீட்சைத் திணைக்களம்
Department of Examinations, Sri Lanka

61 | E | I, II

අධ්‍යයන පොදු සහතික පත්‍ර (සාමාන්‍ය පෙළ) විභාගය, 2016 දෙසැම්බර්
கல்விப் பொதுத் தராதரப் பத்திர (சாதாரண தர)ப் பரீட்சை, 2016 டிசம்பர்
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இனொடு விடயம் 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**.

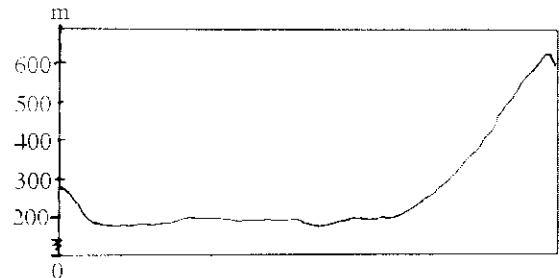
Part I

- I. (a) Study the 1 : 50 000 topographic map section provided to you and answer the questions based on it. In answering, use the paper (page 08) provided to you.

For questions from No. (i) to (iv), select the appropriate answer from the parentheses and write it.

- (i) What is shown by No. ① ?
(Boundary of a protected forest / Rock / Quarry) (01 mark)
- (ii) What is shown by No. ② ?
(Forest / Scrub jungle / Chena) (01 mark)
- (iii) What is shown by No. ③ ?
(Buddhist temple / Historical site / Circuit bungalow) (01 mark)
- (iv) What is the administrative boundary indicated by No. ④ ?
(District boundary / Provincial boundary / Divisional secretariat division boundary) (01 mark)
- (v) Name an institution providing public services to the people indicated by the symbols in the area enclosed by square 'A' ? (01 mark)
- (vi) Three statements on the map area are given below as (a), (b) and (c). Read each statement and write 'C' if it is correct and 'W' if it is incorrect in the given place in the answer script.
 - (a) There is evidence that people of different religions live in the map area. (01 mark)
 - (b) It is mainly with the help of rain water that paddy is cultivated in the area. (01 mark)
 - (c) Map area belongs to the lowland Dry Zone of Sri Lanka. (01 mark)

- (vii) Study carefully the adjoining cross-section and state, according to which one of the two lines **X - Y** and **P - Q** has it been drawn. (01 mark)
- (viii) State correctly the longitude extending across the location indicated by letter **B**. (01 mark)



- (b) Carefully study the world map provided to you and answer the questions given below. In answering, use the space allocated by the side of the world map. (page No. 09)
 - (i) Of the letters **A**, **B** and **C** what is the letter that indicates the 'Great Barrier Reef' composed of coral rocks?
 - (ii) Of the letters **D**, **E** and **F** indicating three peninsulas, what is the letter that indicates 'Kamchatka' peninsula?
 - (iii) Of the letters **G**, **H** and **J** indicating three countries, what is the letter that indicates 'Brazil', which is significant for iron and steel production?

(iv) Of the letters **K**, **L** and **M** showing three countries, what is the letter that shows 'Nigeria', the most populated country in Africa?

(v) Of the letters **P**, **Q** and **R** showing three regions, what is the letter that shows the region which has the lowest population distribution? (05 marks)

(c) Carefully study the map of Sri Lanka provided to you and answer the questions given below. In answering, use the space allocated by the side of the map of Sri Lanka provided for it. (Page 09)

(i) Of the letters **A**, **B** and **C** indicating the districts, what is the letter showing 'Polonnaruwa' district suffered by the drought recently?

(ii) Of the letters **D**, **E** and **F**, what is the letter that shows 'Pulmoddai' where an ilmenite deposit is located?

(iii) Of the letters **G**, **H** and **J**, what is the letter that shows 'Nilaweli' beach that is popular among the tourists?

(iv) Of the letters **K**, **L** and **M**, what is the letter that shows the location of 'Norochcholai Thermal power station'?

(v) Of the letters **P**, **Q** and **R**, what is the letter that shows location of 'Weligama Fisheries Harbour'? (05 marks)

Part II

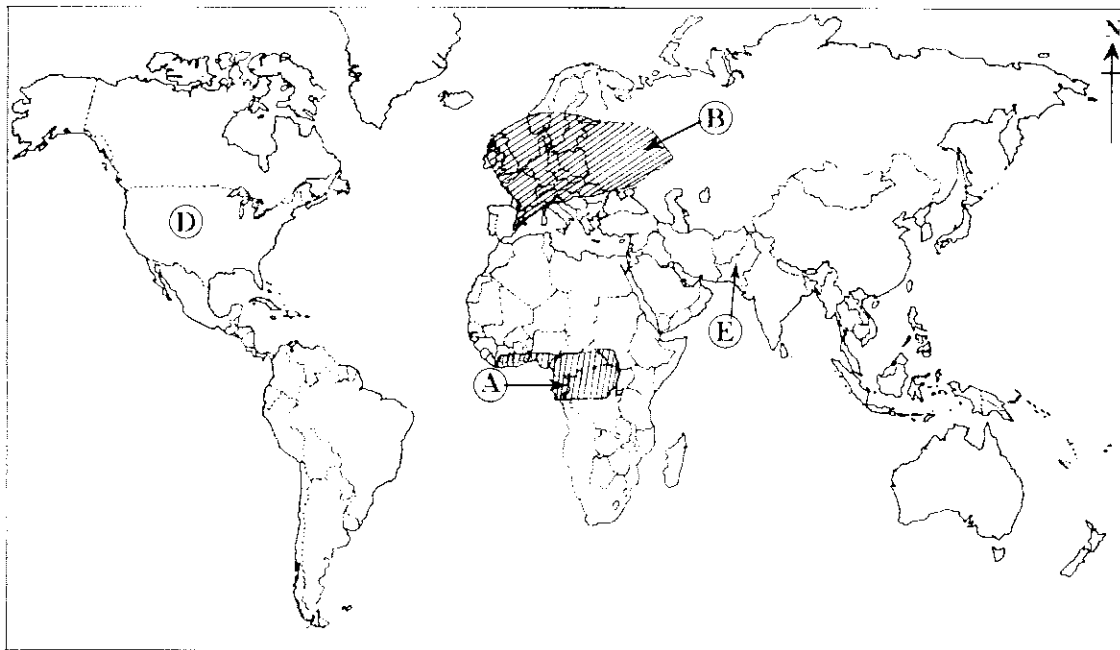
2. (i) According to the composition of the atmosphere, name the **two** gases found in abundance. (02 marks)

(ii) State **three** reasons, why, out of the layers of the atmosphere the troposphere is more important to man. (03 marks)

(iii) (a) State **three** forms how the water is distributed in the Earth.

(b) Describe in brief **two** human activities that have resulted in the decrease in the quality of water at present. (05 marks)

● Use the world map provided to answer the questions No. 3 and 4.



3. (i) Name

(a) the forest type indicated by letter A

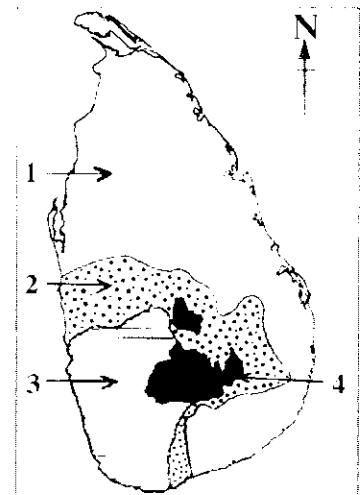
(b) the forest type indicated by letter B

in the above world map respectively. (02 marks)

(ii) State **three** reasons why forests are important to mankind. (03 marks)

(iii) Describe **three** problems faced by the forests and wild life at present. (05 marks)

4. (i) Name the **two** countries shown by **D** and **E** respectively in the above world map where paddy is cultivated at commercial level. (02 marks)
- (ii) (a) Name the river valley in Italy which is famous for paddy cultivation.
(b) State **two** recent trends that could be identified in the paddy cultivation in the world. (03 marks)
- (iii) (a) In the adjoining map the major areas where paddy is cultivated in Sri Lanka are shown. Name the areas shown by No. 1 and No. 2 respectively.
(b) Provide a brief description of the salient features of paddy cultivation in **one** of the two areas you have named. (05 marks)



5. (i) Name **two** Asian countries leading in electronic industry. (02 marks)
- (ii) State **three** special characteristics that could be identified in electronic industry compared to other manufacturing industries. (03 marks)
- (iii) Provide a description about the electronic industry in Sri Lanka under following headings.
(a) Areas where the industry is distributed
(b) **Two** problems associated with the industry
(c) **Two** trends associated with the industry (05 marks)
6. (i) Name
(a) **one** physical factor and
(b) **one** human factor
that affect the world population distribution. (02 marks)
- (ii) State **three** special characteristics that could be seen in the major population concentrations of the world. (03 marks)
- (iii) (a) State **three** factors responsible for the concentration of population in the districts of Colombo and Gampaha.
(b) Describe **two** problems that have arisen due to the concentration of population in the above two districts. (05 marks)
7. (i) Name **two** criteria used to compute the Human Development Index. (02 marks)
- (ii) Describe **three** steps which have been taken during the last two decades to improve the health sector in Sri Lanka. (03 marks)
- (iii) Explain with the aid of **three** factors how the information and communication technology could be used in the socio-economic development of Sri Lanka. (05 marks)
8. (i) State
(a) **one** human activity and
(b) **one** natural factor
that induce the increase in global temperature. (02 marks)
- (ii) State **three** unfavourable effects of climate change on human activities. (03 marks)
- (iii) Describe in brief **three** measures that could be adopted to minimize climate changes. (05 marks)
