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கல்வி அமைச்சு  
Ministry of Education

ET/SSS/2022(2023)/OL/61/S/Q/S-1

G. C. E. Ordinary Level | අ. පො. ක. කාමාන්‍ය පෙළ | 2022 (2023)

Student Seminar Series

ශිෂ්‍ය කම්මන්ත්‍රණ මාලාව

Practice Paper | ප්‍රකාශන පුශ්‍ය පත්‍ර

Geography

භූගෝල විද්‍යාව



Question Paper - I, II | ප්‍රශ්න පත්‍රය - I, II (English Medium)



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**Ministry of Education**  
**Distant Learning Promotion Branch**  
**G. C. E (O/L) examination – Supportive Seminar Series - 2022(2023)**

**61 - Geography I, II**

**Grade 11**

**English Medium**

**Time – 3hrs**

**Geography I**

**Instructions:**

- This paper contains 40 questions.
- Read the instructions given for each of the question and provide answers on the paper itself.

- From the answers given in the parentheses, Select the answer that suits the blank in each question from numbers 1-5 and **write it on the dotted line**.

1. The surface area of the Earth is about ..... kilo meter millions. (150 / 510 / 610)
2. Average temperature of the tropical area is above.....degrees Celsius (18 / 27 / 32)
3. Most of the paddy cultivated areas of Sri Lanka are available in ..... District. (Anuradhapura / Ampara / Kurunegala)
4. A higher percentage of hydro powered electricity is utilized for ..... purposes (domestic /industries / commercial)
5. .... Summit was held in Rio De Janeiro in 1992. (Commonwealth / Earth / Stockholm )

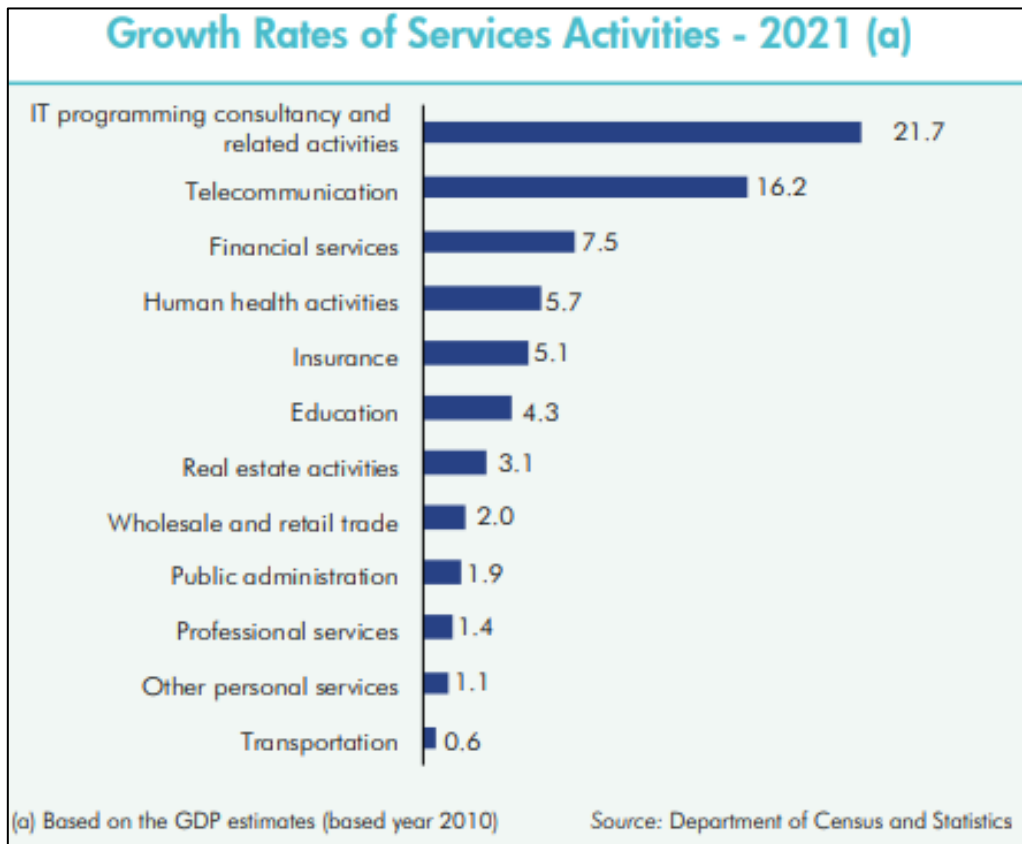
- Read each statement from No 6 – 10 and circle **C** if it is Correct and Circle **W** if it is incorrect.

6. Though Sri Lanka is a small island, it has 133 river valleys. C / W
7. Middeniya belongs to the minor coconut triangle in Sri Lanka. C/ W
8. The boats produced in Sri Lanka are exported to countries such as Maldives, Singapore and India. C / W
9. There is a 5<sup>0</sup> angular difference between Grid North and True North. C / W
10. Hybrid vehicles are suitable for saving fuel. C / W

- In questions 11-15 fill in the blanks with suitable words.

11. Tasmania Island belongs to the continent of .....
12. Tea cultivation in Sri Lanka was started in..... Estate.
13. The total drainage pattern of Sri Lanka is a ..... pattern.
14. Insecticide, medicines, chemical fertilizer etc. are produced under ..... industry.
15. The highest percentage of active volcanoes are found in the ..... zone.

To answer the questions from 16 – 19 use the graph given below



16. .... shows the highest growth of services.
17. The lowest growth is shown by .....
18. The difference between the highest and the lowest service is .....
19. This type of graphs are known as..... graphs.

In questions from 20-24 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'                    |  |
|---------------------------|--|------------------------|--|
| District                  |  | Paddy Cultivation Zone |  |
| 1. Batticaloe, Hambantota |  | A. Wet zone            |  |
| 2. Kaluthara, Rathnapura  |  | B. Intermediate zone   |  |
| 3. Badulla, Monaragala    |  | C. Highlands           |  |
|                           |  | D. Dry zone            |  |
1. ABC                      2. BCD                      3. CBD                      4. DAB                      (.....)

- 21.
- | 'A'        |  | 'B'           |  |
|------------|--|---------------|--|
| Crop       |  | Main District |  |
| 1. Paddy   |  | A. Kalutara   |  |
| 2. Coconut |  | B. Kurunegala |  |
| 3. Rubber  |  | C. Chilaw     |  |
|            |  | D. Kegalle    |  |
1. ABD                      2. BAD                      3. BCA                      4. DCB                      (.....)

- 22.
- | 'A'               |  | 'B'                                  |  |
|-------------------|--|--------------------------------------|--|
| Country           |  | Production centers of iron and steel |  |
| 1. China          |  | A. South Manchuria                   |  |
| 2. Japan          |  | B. Birmingham                        |  |
| 3. United Kingdom |  | C. Nagoya                            |  |
|                   |  | D. Petersburg                        |  |
1. ACB                      2. BDC                      3. CDA                      4. DBC                      (.....)

- 23.
- | 'A'               |  | 'B'              |  |
|-------------------|--|------------------|--|
| River             |  | Continent        |  |
| 1. Murray Darling |  | A. Europe        |  |
| 2. Mississippi    |  | B. Australia     |  |
| 3. Niger          |  | C. North America |  |
|                   |  | D. Africa        |  |

1. ABD                      2. BCD                      3. CAB                      4. DCB                      (.....)

24.

'A'

'B'

**Hazard**

**Areas**

1. Drought
2. Cyclones
3. Wildfire

- A. North Atlantic Ocean
- B. Pacific Ocean
- C. Central African Sahel area
- D. Indonesia

1. ADB                      2. BAC                      3. CAD                      4. DAC                      (.....)

- **Select the best suited answer and write its number in the bracket provided in front, to answer the questions 25-37.**

25. Which of these shows the structural features of population?

1. Growth, Distribution
2. Gender, Language
3. Gender, Age structure
4. Age structure, Language                      (.....)

26. Which of these is an impact of drought?

1. Impact on soil and water sources
2. Destruction of agro lands
3. Subduction of land
4. Quick death of the plants in slopes                      (.....)

27. Mid country tea cultivations are found in,

1. Nuwara Eliya      2. Matara      3. Rathnapura      4. Badulla                      (.....)

28. The maritime area of 200 nautical miles from the coast is known as,,

1. Exclusive economic zone
2. Territorial sea
3. Adjoining sea
4. Coastal belt                      (.....)

29. To popularize the usage of organic fertilizer, a center has been established in,

1. Dambadeniya
2. Katugampola
3. Rajanganaya
4. Makandura                      (.....)

30. In International Trade, there are some countries which import iron and steel while exporting them. Which answer shows such two countries?

- |                    |                          |
|--------------------|--------------------------|
| 1. India, Thailand | 2. China, South Korea    |
| 3. China, India    | 4. Russia, China (.....) |

31. From the statements A to E, which ones suit only for Rubber cultivation?

- A. Laterite or Kabok mixed red soil
- B. 1900mm - 5460mm of rainfall
- C. Irrigated water
- D. 27<sup>o</sup> C of temperature
- E. Loam and laterite soil

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

32. If a square shaped plot of land with the area of 16 square kilo meters is shown on a 1:50000 map, what is the length of one side of it in centimeters?

- |      |      |      |       |         |
|------|------|------|-------|---------|
| 1. 4 | 2. 6 | 3. 8 | 4. 16 | (.....) |
|------|------|------|-------|---------|

33. Which statement shows only none – renewable resources?

- |                                 |                                               |
|---------------------------------|-----------------------------------------------|
| 1. Fossil fuel, soil, wild life | 2. Forests, fertile land, water               |
| 3. Forests, fish, minerals      | 4. Fossil fuel, forests, fertile soil (.....) |

34. From the criteria given below, which two belong only to the Human Development Index?

- A. Mortality rate
- B. Life expectancy at birth
- C. Daily calorie consumption
- D. Literacy
- E. Health facilities

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

35. Which sphere from the followings has no water vapor, clouds or dust?

- |                |                         |
|----------------|-------------------------|
| 1. Troposphere | 2. Stratosphere         |
| 3. Mesosphere  | 4. Thermosphere (.....) |

36. Which volcano caused the destruction of the Pompeii city in Italy?

- |             |          |         |
|-------------|----------|---------|
| 1. Vesuvius | 2. Etna  |         |
| 3. Fujiyama | 4. Hekla | (.....) |

37. Which step can be practiced to minimize floods?

1. Not constructing reservoirs on highlands
2. Collection of rain water
3. Making strong wind barriers
4. Keep open the river mouth (.....)

• **Study the pairs A, B, C and D given below to answer the questions from 38-40.**

- A - 1. Life expectancy  
2. Aged population

- B - 1. Usage of carbonic fertilizer  
2. Soil degradation

- C - 1. Global warming  
2. Degradation of bio diversity.

- D - 1. Aging  
2. Migration

38. Which pair causes an increase of the first to increase the second,

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

39. Which pair causes an increase of the first to decrease the second?

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

40. Which pair does not show any relationship in between?

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

## Geography – Paper II

### Part I

- This paper contains **Part I and II**.
- **The question in part I is compulsory. All the three parts, (a), (b) and (c) in it should be answered.**
- **Four questions** should be answered from part **II**.

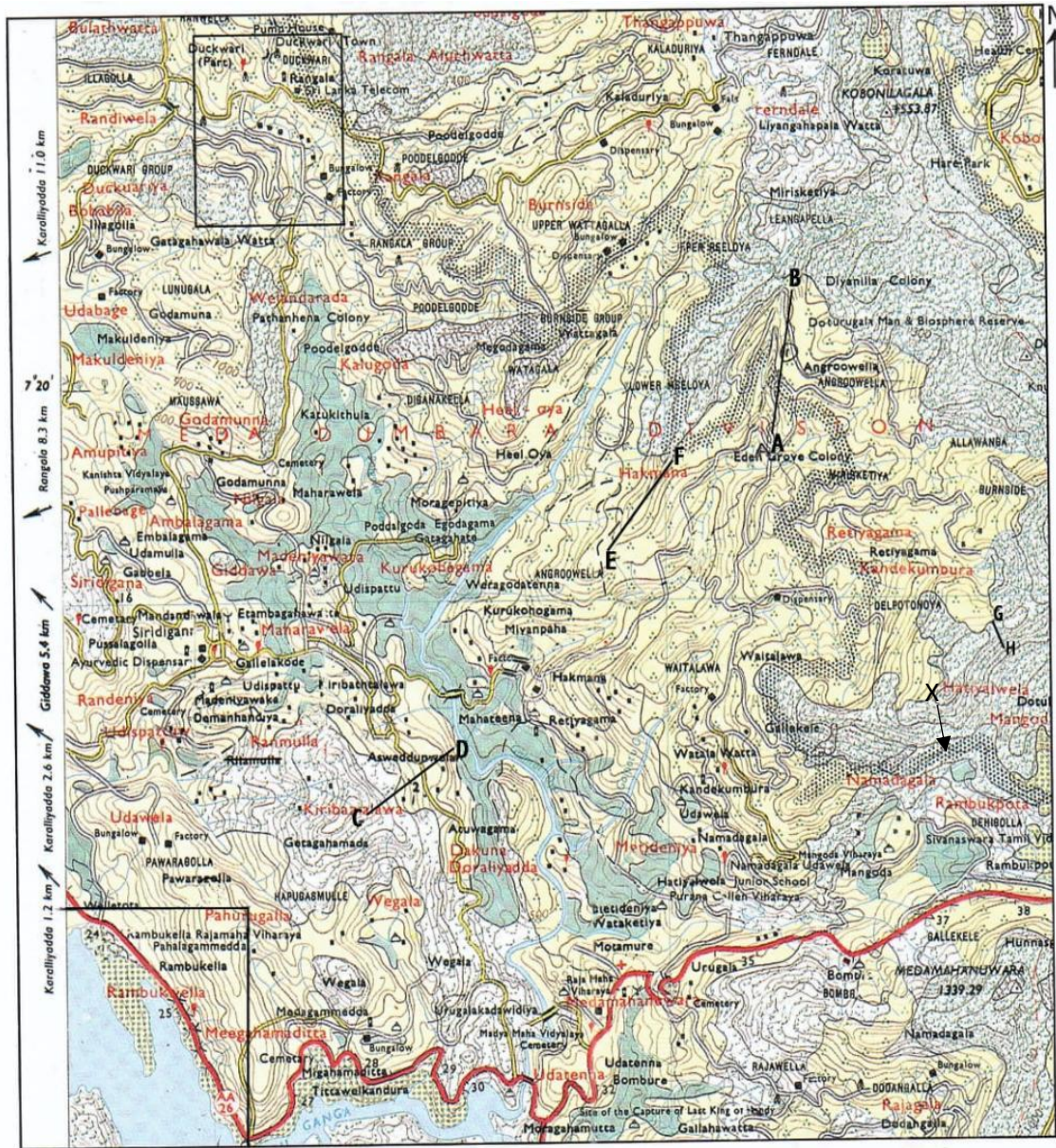
1. (a) Study the 1:50000 map extract to answer the questions given. Use the paper provided to write answers.

- i. What is the feature shown by the line A – B?  
(spur / valley / escarpment) (01 mark)
- ii. What is the feature shown by the line E - F  
(foot path / water shed / undulating land) (01 mark)
- iii. What is the feature shown by the line G - H  
(conical hill/ gentle slope / gap) (01 mark)
- iv. Along the C-D line, find,
  - a. A physical feature
  - b. A cultural feature (02 marks)
- v. Write **two** features shown in the inner border. (02 marks)
- vi. What is the boundary shown by 'X'? (01 mark)
- vii. State **two** human activities taking place within the square in the South West corner. (02 marks)



Geography II

1. (a)



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Geography II

1. (a)

I. -----

II. -----

III. -----

IV. -----

-----

V. -----

-----

VI. -----

VII. -----

-----

10

(b) Study the map of the world provided to you to answer the questions given. Use the column next to the map to write answers.

Refer the letters on the world map and select the correct letter out of the three letters given at the end of each statement to answer the questions (i) - (v). Write the answers in the column next to the map.

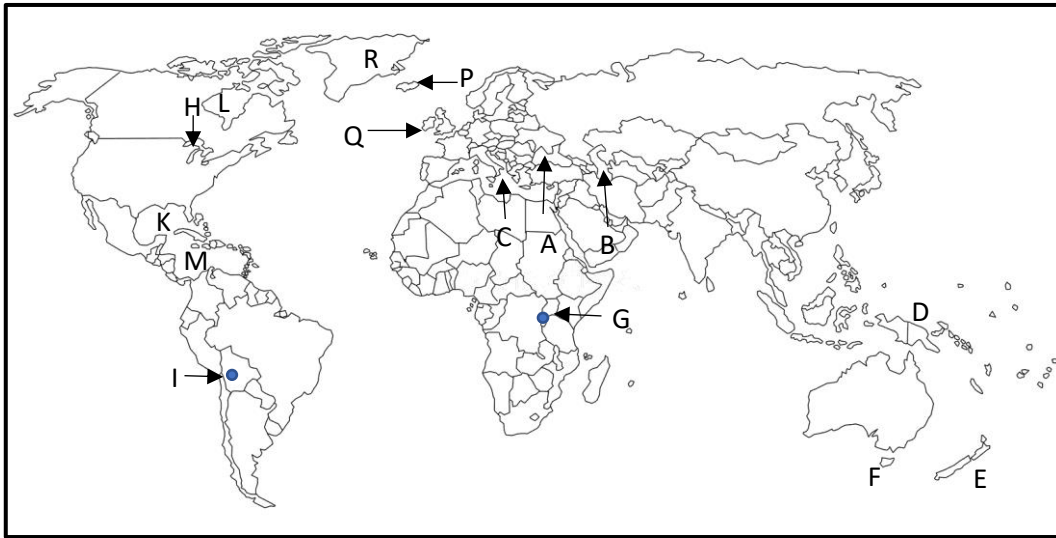
- (i) 'Balck Sea' which is partially surrounded by water (A) (B) (C)
- (ii) 'New-Zealand', a pioneering country in Dairy farming. (D) (E) (F)
- (iii) 'Titicaca', the lake located at the highest altitude. (G) (H) (I)
- (iv) 'Bay of Mexico', where Hurrricanes occur. (K) (L) (M)
- (v) 'Iceland' in which volcano Hekla is located. (P) (Q) (R)

(c) Study the map of Sri Lanka to answer the questions provided. Use the column next to the map to write answers.

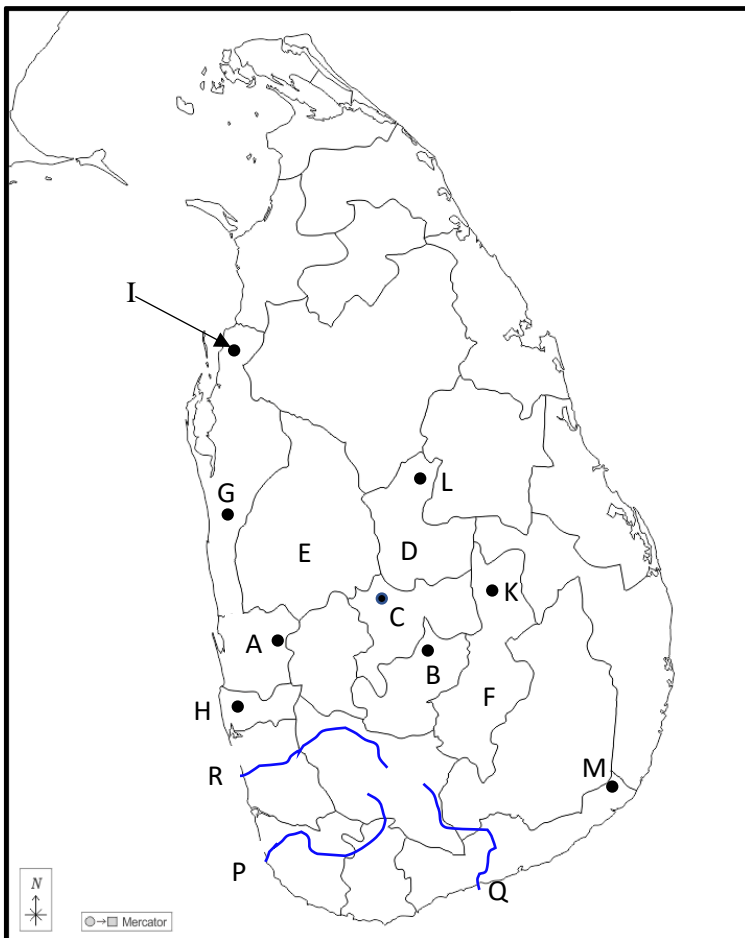
Refer the letters on the map of Sri Lanka and select the correct letter out of the three letters given at the end of each statement to answer the questions (i) - (v). Write the answers in the column next to the map.

- (i) 'Gannoruwa', where an Agro Technology Park is located in (A) (B) (C)
- (ii) 'Matale' district, where the Minor export crop research institute is located in (D) (E) (F)
- (iii) 'Sapugaskanda', where the petroleum refinery of Sri Lanka is located in (G) (H) (I)
- (iv) 'Ritigala', a Strict Natural Reserve is shown by (K) (L) (M)
- (v) 'Kalu ganga', a river that floods often, is shown by (P) (Q) (R)

(b)



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



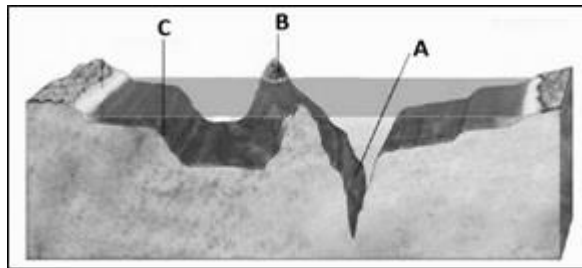
- (i)
- (ii)
- (iii)
- (iv)  5
- (v)
- 

1. a. \_\_\_\_\_ b. \_\_\_\_\_

10

Part II

2. (i) Name the largest and the smallest continents respectively. (2 marks)
- (ii) Name one country located in each of the following continental shelves.
- a) In Asian continental shelf -
  - b) In Australian continental shelf -
  - c) In African continental shelf - (3 marks)
- (iii) a) Name the features indicated by A, B, and C in the given picture of the Ocean bed

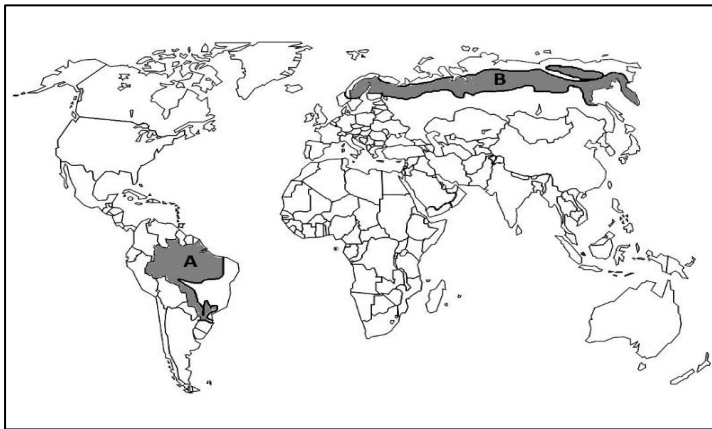


- b) Explain **two** occasions where humans utilize oceans and seas as a resource. (5 marks)

3. (i) a. One Asian country that cultivates paddy.
- b. One country outside Asia which cultivates paddy. (2 marks)
- (ii) Write **three** special characteristics of paddy cultivation. (3 marks)
- (iii) a. Name the **two** countries indicated by 'A' and 'B' in the map, which cultivate wheat,



- b. Explain **two** reasons that have caused wheat to become an important crop in the world agriculture. (5 marks)
4. (i) Name **two** Manufacturing Industries in the world. (2 marks)  
(ii) State **three** types of ships that are built for various purposes. (3 marks)  
(iii) Name and explain briefly **two** problems related to Energy in the manufacturing industry of the world. (5 marks)
5. (i) Name **two** types of Graphite found in Sri Lanka. (2 marks)  
(ii) Mention **three** economic benefits of tourism to a country. (3 marks)  
(iii) Explain **three** facts with examples to show the steps taken by the government to uplift the Cottage Industries as a Regional development of a country. (5 marks)
6. (i) Write the classification of how Man obtains Natural resources? (2 Marks)  
(ii). Name **three** types of water distribution on the Earth. (3 marks)  
(iii) Name the **two** types of forests shown by A and B in the given map.



- b) Briefly explain **three** problems faced by the forests and the wild animals at present. (5 marks)
7. (i) Name **two** indicators used to measure Development. (2 marks)  
(ii) Mention **three** benefits of knowledge-based development and Information & Communication Technology to the human society. (3 marks)  
(iii) Name and briefly explain **three** sources to acquire Information and Communication Technology knowledge. (5 marks)

8. (i). Mention **two** human activities that harm the environment. (2 marks)
- (ii). State **three** impacts of Global Warming. (3 marks)
- (iii) Write **three** measures you can take to minimize climatic change. (5 marks)



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கல்வி அமைச்சு  
Ministry of Education

G. C. E. Ordinary Level | අ. පො. ක. සාමාන්‍ය පෙළ | 2022 (2023)

## Student Seminar Series

### ශිෂ්‍ය සම්මන්ත්‍රණ මාලාව

Practice Paper | උපකාරක ප්‍රශ්න පත්‍ර

# Geography

## භූගෝල විද්‍යාව



Answer Sheet - I, II | පිළිතුරු පත්‍රය - I, II (English Medium)



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<b>Ministry of Education</b> <b>Distance Learning Promotion Branch</b> <b>G.C.E (O/L) Examination – Supportive Seminar Series - 2022(2023)</b>		
<b>61 - Geography I, II – Answer Script</b>		
<b>Grade 11</b>	<b>English Medium</b>	<b>Time – 3hrs</b>

I ප්‍රශ්න

- |                                                          |                |
|----------------------------------------------------------|----------------|
| 1. 510                                                   | 21. 3.         |
| 2. 18                                                    | 22. 1.         |
| 3. Kurunegala                                            | 23. 2.         |
| 4. Domestic purposes                                     | 24. 3          |
| 5. Earth                                                 | 25. 3          |
| 6. F                                                     | 26. 2          |
| 7. T                                                     | 27. 4          |
| 8. T                                                     | 28. 1          |
| 9. F                                                     | 29. 4          |
| 10. T                                                    | 30. 2          |
| 11. Australia                                            | 31. 1          |
| 12. Lulkandura                                           | 32. 3          |
| 13. Radial                                               | 33. 4          |
| 14. Petro Chemicals                                      | 34. 2          |
| 15. Pacific Ring of fire                                 | 35. 3          |
| 16. IT programming consultancy<br>and related activities | 36. 1<br>37. 4 |
| 17. Transport                                            | 38. 1 - A      |
| 18. 21.1                                                 | 39. 2 - B      |
| 19. Bar / Horizontal Bar                                 | 40. 4 - D      |
| 20. 4                                                    |                |

(1x40 = 40 marks)

**Geography - Paper II**

Part I

1.(a)

- i. Spur (1 mark)
- ii. Watershed (1 mark)
- iii. Gap (1 mark)
- iv. **Physical features:** one of the following; concave slope, convex slope, plain, gentle slope, steep slope, woodland (1 mark)
- Cultural features:** One of these two; other roads/ garden lands (1 mark)
- v. Any two from latitudinal / longitudinal value, destinations of roads, distance to the destinations, values of national grid lines. (2 mark)
- vi. Sanctuaries / Forest Reserve (1 mark)
- vii Any physical feature from- crop cultivation, transport, settlements, fishing etc. (2 marks)

(b)

- i. A
- ii. E
- iii. I
- iv. K
- v. P

(5 marks)

(c)

- i. C
- ii. D
- iii. H
- iv. L
- v. R

(5 marks)

**Part II**

2. (i) The largest continent - Asia  
The smallest continent – Australia (1x2 =2 marks)
- (ii). a) Bornio, Java, Sumathra, Sri Lanka, Maldives  
b) New Zealand, Tasmania, Papua New Guinea  
c) Madagascar, Seychelles, Mauritius, Canary Islands.  
Name one for each of the continental shelf (1x3 = 3 marks)
- (iii) a) [A] Trench [B] Island [C] Continental Slope  
b) Transport, Tourism and Fishing Industry  
Should have briefly explained **two** of the above-mentioned industries.  
[Two facts = 2 marks) + (Description; 3 marks) = 5 marks }

3. (i) a) Thailand, China, India, Indonesia, Japan, Pakistan, Bangladesh,  
Myanmar, Sri Lanka

Any one of the above

b) Italy, Egypt, United State of America, Australia, Madagascar, Brazil

Any one of the above (1x2 = 2 marks)

(ii)

- Cultivation of paddy in small blocks of land for domestic consumption.
- Large scale paddy cultivation in some countries
- Cultivation of paddy on a commercial basis in countries like India, Japan, United States of America, China, Pakistan, Thailand and Vietnam.
- Paddy is mostly a labour-intensive crop in Asian countries, but machinery is largely used in countries outside Asia. Using machinery has become a recent trend in Asia as well.
- More attention is paid on using organic fertilizer at present.
- Introduction of seeds that produces a short-term yield with resistance to various types of diseases using Gene technology.
- Production of rice that contains specific qualities.
- Using new techniques for manufacturing and packing rice related products.
- The rice-trade is often done in the same area where it is produced

Any three of the above

(1x3 = 3 marks)

(iii) (a) A - Russia

B - Argentina

(1x2 = 2 marks)

(b)

- The grain which is mostly cultivated in the world.
- Wheat is the staple food of most of the people in the world.
- Wheat can be prepared in different methods for consumption.
- By products of wheat can be used to produce animal food

Any two relevant facts

[2 facts = 2 marks) + (Explanation; 3 marks) = 5 marks }

4. (i)

- Iron and steel
- Ship building
- Cotton textile
- Automobile
- Electronics

Any two of the above, (1x2 = 2 marks)

(ii)

- Container Ships
- Ultra-luxury liner/ ultra-luxury private tourist liner
- Air craft carrier ships
- Large ultra-luxury passenger ships
- small ultra-luxury passenger ships according to orders
- Large ultra-luxury passenger ships

Any three of the above (1x3 = 3 marks)

(iii) Explanation of any two problems from the following.

- Fluctuations in the prices of mineral oil
- Exhaustion of power and energy resources
- Countries possessing energy resources are eternally facing political conflicts (The political problems in the Middle East oil zones).
- Environmental problems caused by nuclear power (For example, the leaking of radioactive material from the nuclear power stations in Japan).
- Though nuclear power is important as a power resource, problems arise as it can be utilized for other purposes unlawfully.

Any three similar to the above

[2 facts = 2 marks) + (Explanation; 3 marks) = 5 marks }

5. (i) Vein graphite

Mica

(1x2 = 2 marks)

(ii)

- Employment opportunities arise
- Occurrence of a market for local products. (Such as handicraft, Batik, traditional industries etc.
- Ability to obtain foreign currency.
- Causes regional development.
- Help to minimize poverty.

Any three economic benefits similar to the above (1x3 = 3 marks)

- Implementation of the Divinaguma development programme.
- Establishment of craft villages.
- Handicraft development programme.
- Training labourers for cottage industries.
- Encouraging producers by holding exhibitions

Any three facts similar to the above

[2 facts = 2 marks) + (Explanation; 3 marks) = 5 marks }

6. (i).

- Resources obtained without an effort
- Resources obtained with an effort

(ii).

- Atmospheric water
- Ocean water
- ground water
- Soil water

Any three of the above

(1x3 = 3 marks)

(iii). (a) A – Tropical rain forests.

B – Coniferous forests

(1x2 = 2 marks)

(b)

- Clearance of Forests due to needs of increasing population.
- Destruction of plants and animals due to Environmental pollution.
- Collecting plants and animals for commercial purposes put them in danger of extinction.
- Breeding of invasive species of plants and animals.
- Forests are destroyed because of natural disasters and human activities (bushfires, droughts, landslides, storms, setting fire to forests.)
- Construction of roads and development projects are also causes for forest destruction.
- Many species of flora and fauna are threatened with extinction due to climatic changes

Should have explained any **two** of the above.

[2 facts = 3 marks) + (Explanation; 2 marks) = 5 marks)

7. (i) Old indicators, Modern indicators (1x2 = 2 marks)

(ii)

- Improvement in relationships within and outside the country.
- Opening up more avenues in Education.
- Opening up direct and indirect employment opportunities and assisting both the prospective service providers and the services receivers.
- Widens the knowledge of ordinary people and also broadens opportunities to fulfill employment needs.
- Could contribute quickly in times of disaster (like during cyclones, floods, landslides and tsunamis).
- With electronic financial system transactions become quick and safe (1\*3 = 3 marks)

(iii) Explain any relevant three facts.

- I.C.T units and internet facilities for school systems
- Higher education opportunities provided by Universities and Higher education institutions
- G.C.E (Advanced Level) technology stream implemented since 2013
- Facilities provided by the Telecommunication Regulatory Commission

- NenaSala Centers
- Competitive Private Higher Education Institutions
- Agency Institutions for Sri Lanka I.C.T

[2 facts = 3 marks) + (Explanation; 2 marks) = 5 marks)

8. (i).

- Mining of mineral oil resources in the North Sea.
- Air conditioning.
- Commercial Dairy farming.
- Burning of fossil fuels.
- Deforestation
- Nuclear experiments.
- Disposal of solid waste.                      Any two of the above                      (1x2 = 2 marks)

(ii).

- Occurrence of climatic changes.
- Rise in sea level due to melting ice in Polar Regions.
- Destruction of lagoons and salinization of water.
- Increase of temperature in oceans and destruction of aquatic organisms.
- Occurrence of cyclones due to increase in the temperature on the surface of oceans.
- Change of climatic boundary zones.
- Extinction of certain animals and emergence of new species.
- Destructions of animal genes and creations of abnormalities.
- Destruction of crops and decrease of yield.
- Changes in animal breeding zones.
- Pollution of drinking water sources.

Any three similar to the above                      (1x3 = 3 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.
- Expansion of afforestation.
- Introduction of mixed crops and multi crops.
  - Using common transportation facilities

Explain any two of the above

[2 facts = 3 marks) + (Explanation; 2 marks) = 5 marks)