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கல்வி அமைச்சு
Ministry of Education

G. C. E. Ordinary Level | අ. තො. ස. කාමාන්‍ය පෙළ 2024 (2025)

ප්‍රශ්න පත්‍රය

Practice Paper

Geography

භූගෝල විද්‍යාව



Marking Scheme – I, II (English Medium)



The National e-Learning Portal for The General Education

Distance Learning Promotion Branch | National Languages and Humanities Branch

G. C. E. Ordinary Level Examination – Model Question Paper - 2024 (2025)

I, II

I, II

I, II

மூன்று மணித்தியாலம்

Three Hours

අම කාලය - නිன்று 10 .
 மேலதிக வாசிப்பு நேரம் - 10 நிமிடங்கள்
 Additional Reading Time – 10 minutes

Use the extra reading time to read the question paper, select questions, and organize the questions that you will prioritize when writing your answers.

Geography I

Instructions:

- * This question paper consists of 40 questions.
* Answer all the questions in this question paper in accordance with the instructions given for each question.

- **Select the best suited answer from the bracket to answer to the questions 1-5.**

1. Oceanic crust is composed of**Basalt**..... rocks.
(Basalt / Granite / Dolerite)
2. Falkland is an Island located in**Atlantic**..... ocean.
(Pacific / Atlantic / Indian)
3. ‘Norin 10’ is an improved**wheat**..... variety.
(rice / wheat / maize)
4. Carbonic fertilizer center in Makandura is in**Kurunegala**.....district.
(Rathnapura / Kaluthara / Kurunegala)
5. Mount**Visuvius**..... erupted causing a complete destruction of Pompei city.
(Vesuvius / Peli / Etna)

- Circle 'T' for the correct statements and 'F' for the incorrect statements to answer the questions 6-10.

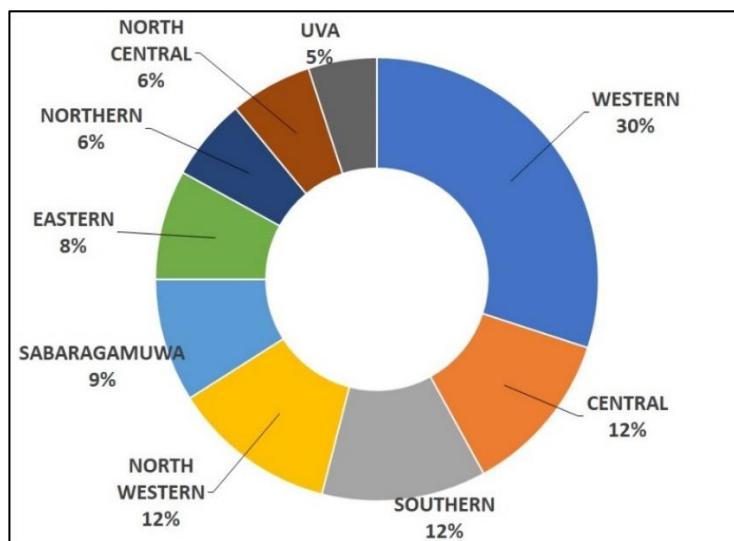
6. Cotton industry is based on agricultural raw materials T ☒ F ☐
7. 79% of the total volume of fresh water is Ice layers and glaciers. T ☐ F ☒
8. Only 3% of the graphite produced in Sri Lanka is used for local consumption. T ☐ F ☒
9. The storms occurring over the Pacific Ocean off the coast of East Asia are referred as ‘Willi Willies’. T ☐ F ☒
10. Dambadeniya is a developed export village for Beattle leaves. T ☐ F ☒

- **Complete the gaps using the best suited word to answer the questions 11-16**

11. ‘Micro’ automobile assembling factory is located in**Polgahawela**.....
12.**Colombo city**..... is the smallest among the seven tourist zones of Sri Lanka.
13. The Dairy Cattle Center is located in**Meewanapalana**.....
14. The Earth consists of**7(Seven)**..... major tectonic plates.
15. The electrical discharge between clouds and the space is referred as**air lightening**.....
16.**Brackish/Saline water**..... fishing is done in the areas where there are estuaries and lagoons.

- Use the graph given and fill in the blanks of the questions below to answer the questions 17-19.

Population not engaged in economic activities by province in Sri Lanka – 2012



Source: Census Report, 2012

17. The highest percentage of population not engaged in economic activities is reported from the**Western**..... province.
18. The lowest percentage of population not engaged in economic activities is in the**Uva**..... province.
19. The total percentage of the population not engaged in economic activities in both of the North and North central province is**12%**..... .

- There are two columns as A and B for the questions 20-24. Match A and B respectively and write the number of the correct answer in the bracket to answer them.

- | | |
|--|--|
| <p>20. 'A'</p> <p style="text-align: center;">Lake</p> <p>1- Superior</p> <p>2- Titicaca</p> <p>3- Caspian</p> | <p style="text-align: center;">'B'</p> <p style="text-align: center;">Uniqueness</p> <p>A- lake located at the highest altitude</p> <p>B- lake with salt water</p> <p>C- the largest lake</p> <p>D- the deepest lake</p> |
| <p>(1) A,B,C (2) A,B,D (3) C,A,B (4) D,A,C (...3....)</p> | |

- | | |
|---|---|
| <p>21. 'A'</p> <p style="text-align: center;">Crop</p> <p>1- Rubber</p> <p>2- Tea</p> <p>3- Coconut</p> | <p style="text-align: center;">'B'</p> <p style="text-align: center;">District widely spread</p> <p>A - Mathara</p> <p>B - Kaluthara</p> <p>C - Nuwaraeliya</p> <p>D - Kurunegala</p> |
| <p>(1) A,C,D (2) B,C,D (3) C,B,D (4) D,C,B (...2....)</p> | |

- | | |
|--|---|
| <p>22. 'A'</p> <p style="text-align: center;">Sector</p> <p>1- Production</p> <p>2- Technology</p> <p>3- Trade</p> | <p style="text-align: center;">'B'</p> <p style="text-align: center;">Trend</p> <p>A – Intercropping</p> <p>B - Use of Echo Sounders</p> <p>C - Pest epidemics</p> <p>D - Use of modern packing methods</p> |
| <p>(1) A,B,D (2) B,C,D (3) C,B,A (4) C,B,D (...1....)</p> | |

- | | | | |
|-----------------------------|-----------|-------------------|-----------|
| 24. 'A' | | 'B' | |
| Type of mineral sand | | Area found | |
| 1- Ilmenite | | A - Meerigama | |
| 2- Zircon | | B - Nilaweli | |
| 3- Silica | | C - Marawila | |
| | | D - Pulmudai | |
| (1) A,B,C | (2) B,C,D | (3) C,A,B | (4) D,A,C |
| | | (…4…) | |

25. Select the factor which is most important in the growth of soil in Sri Lanka.

1. Amount of rainfall	2. Vegetation cover
3. Relief	4. Micro-organism activity (...1....)

27. Which answer shows an urban development project in Sri Lanka?
- | | |
|----------------------------------|--------------------------------|
| 1. 200 garment factories project | 2. Divineguma |
| 3. Community based water project | 4. Removal of Slums. (...4...) |

28. Which answer shows a metallic mineral, a fuel mineral and a none metallic mineral in order?
- | | |
|--------------------------------|---|
| 1. manganese, coal, graphite | 2. iron ore, coal, manganese |
| 3. iron ore, limestone, copper | 4. Copper, mineral oil, silica (....1.....) |

29. A main reason causes soil degradation due to loss of bio diversity is,
- | | |
|---|---|
| 1. Mining for minerals | 2. mono culture |
| 3. improper constructions of settlements. | 4. reforestation programs (.....2.....) |

30. Which answer indicates a region where tropical rainforests are not widespread?
- | | |
|-----------------|--------------------|
| 1. Amazon basin | 2. Central America |
| 3. South China | 4. Congo basin |
- (....**3**.....)

31. The ocean zone where the government has full authority to prevent violations of customs, fisheries, immigration, and sanitary laws is...
- | | |
|--------------------|--|
| 1. Historical Sea | 2. Exclusive Economic Zone |
| 3. Territorial sea | 4. Contiguous zone (.... 4) |

- A: Water within tree leaves heats up and rises up
B: Run-off of the total amount of rain water received
C: Wells are fed by run-off water
D: Water in the water cycle can exist as solid, liquid or gas

- 3

33. Which continent covers approximately 20% of the total land area of the Earth?
 1. Asia 2. Africa
 3. Europe 4. North America (....2....)
34. Choose the answer that indicates a European country which prominently do dairy farming?
 2. Italy 2 Portugal
 3. Denmark 4. Bulgaria (....3.....)
35. Select the answer that shows only auto mobile manufacturing centers in the United States of America?
 1. Detroit, New England, Pittsburg 2. Kuznets, Moscow, Ural area
 3. Bermingham, South whales, Lancashire. 4. Glasgow, Shang Shuan, Kiyoto (....1.....)
36. What is the paddy research institute located in Western province?
 1. Gannoruwa 2. Bathalagoda
 3. Mahailuppallama 4. Bombuwala (....4.....)
- **Study the pairs of interrelated topics given in A, B, C and D below and answer the questions asked from numbers 37 to 40**
- | | |
|--------------------------------|---------------------------------|
| A - 1. Environmental Balance | B - 1. Gene Technology |
| 2. Deforestation | 2. Agricultural Harvest |
| C - 1. Use of renewable energy | D - 1. Human Activities |
| 2. nuclear experiments | 2. Intensity of Natural Hazards |
37. What is the pair of topics where the decrease in the first affects the increase of the second?
 (1) A (2) B (3) C (4) D (....2.....)
38. What is the pair of topics where an increase in the first leads to an increase in the other and a decrease in the first leads to a decrease in the second?
 (1) A (2) B (3) C (4) D (....4.....)
39. What is the pair of topics where a decrease in the second leads to an increase in the first?
 (1) A (2) B (3) C (4) D (....1.....)
40. What is the pair of topics where there is no any relationship between?
 (1) A (2) B (3) C (4) D (....3.....)

පගලේ දැඩි	I, II
පුඩ්ඩියල්	I, II
Geography	I, II

- 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**.
- The total number of questions to be answered is **five**.

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

- 5

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

From the three English letters given in front of each question number (i) to (v), choose the letter indicating the correct answer from the map and write it in the box in front of each question number in the column next to the map.

- | | | |
|---------------------|-------------|-----------|
| i. California | - A , B , C | |
| ii. Timor sea | - D , E , F | |
| iii. Cairo city | - G , H , I | |
| iv. Tasmania | - L , M , N | |
| v. Krakatoa volcano | - P , Q , R | (5 marks) |

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

From the three English letters given in front of each question number (i) to (v), choose the letter indicating the correct answer from the map and write it in the box in front of each question number in the column next to the map.

- | | | |
|--------------------------------------|-------------|-----------|
| i. Matale district | - A , B , C | |
| ii. Arugam bay beach | - D , E , F | |
| iii. Lakvijaya thermal power station | - G , H , I | |
| iv. Palali airport | - G , H , I | |
| v. Middeniya | - P , Q , R | (5 marks) |

Part II

2. Study the picture of the Earth's atmosphere and answer the questions given.

- i. Name layers A and D (2 marks)

A: Troposphere

B: Thermosphere

- ii. a) Write the letter and the name of the layer which controls the harmful solar radiation? **B, Stratosphere**

b) Write two special characteristics of layer C.

Temperature decreases with the altitude

No water vapour, clouds nor dust particles

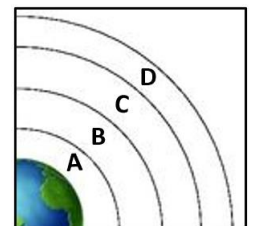
The atmospheric layer with lowest temperature (-90°C)

Abundance with electronic phenomena

Two marks for any two correct answers

(3 marks)

- iii. Name one natural phenomena and two human activities that cause the atmospheric pollution and explain one of them in brief.



Natural: Emission of numerous gasses due to Volcanic eruptions.

Emission of Methane (CH₄) in marshes

Bushfires

Human activities: Emission of smoke from industries and vehicles (burning of fossil fuel)

Deforestation

Industrialization

Usage of Agro-chemicals and machinery in agriculture

Animal husbandry

(5 marks)

3. i. Name two value added dairy products **Cheese, Butter, Chocolate, Ice cream, Milk powder, curd, Ghee, condense milk, flavoured milk, yoghurt etc. (Any two)**

(2 marks)

- ii. State three factors for dairy farming to spread widely in temperate countries **Availability of grasslands / modern technology / availability of water / market / skilled labour / availability of marginal lands**

Three marks for any three correct answers

(3 marks)

- iii.(a) Mention two problems faced by fishermen in Sri Lanka today

Problems related to natural disasters

High cost of transport

High price of commodities

Insufficient supply for the demand

Two marks for any two correct answers

- (b) Explain two ways how fishing industry contributes in developing the economy of Sri Lanka

Earning of foreign money by exporting fish

Occurrence of employment opportunities

Employment opportunities related to brackish water fishing

Capabilities of generating income by the people in tank-based villages

Three marks as 1 ½ mark for each correct way = 2 marks, 3 marks for explanations

(5 marks)

4. i. What is an assembling industry?

Industries in which the various parts required for a particular product are manufactured in different places or countries under specialization and then assembled in one place to produce a product.

2 marks for such a correct explanation

(2 marks)

- ii Name three Asian countries that are prominent in automobile industry

China, Japan, South Korea, India.

(3 marks)

- iii (a) State two challenges faced by the automobile industry in Sri Lanka.

- **Lack of high-tech techniques**
- **Problems with technology**
- **Competition with imported cars**
- **Lack of capital**
- **Not expanding as a major industry**

1 mark each x 2 for mentioning two challenges

- (b) Explain in brief the how does industrial sector contribute to the economy of Sri Lanka under the following two themes

a) Employment

b) Earning of foreign exchange

• **Employment**

- **Employment is about 2.1 million as of 2012**
- **Employment rate is 31.4%**
- **Increase in employment in the garment sector**

• **Foreign exchange earnings**

- **Contributes about 75.4% of total export earnings**
- **The highest foreign exchange earning industrial sector is the garment sector (41%)**
- **High foreign exchange earnings by gem and jewelry industry**

1 ½ marks for each point from each sector x 2 - 3 marks

(5 marks)

5. i. Considering the world's population name,

(a) An inborn trait (feature) **Gender / Human race / Age**

(b) A trait (feature) inherited after birth. **Nationality / Religion / Language / literacy**

(2 marks)

ii. Name three factors that caused the emergence of the densely populated areas of the world.

- **Having a physical environment conducive to human habitation**
(geographical heterogeneity, climate, water availability, etc.)

- **Ease of transportation**

- **Suitable for trade and other economic activities**

If three characteristics are correctly named, 1 mark each x 3

(3 marks)

iii. Name two salient features of the structure of the population of Sri Lanka and explain the impact of one of them to the economy of the country.

- **Increase in the number of elderly people**

- **Decrease in the number of young people**

- **Increase in the number of female people**

1 mark each for correctly stating two characteristics x 2 - 2 marks

3 marks for correctly explaining one point

(5 marks)

6. i. Name two urban areas in Sri Lanka that are frequently affected by flood.

- **Colombo, - Kalutara, - Matara, - Ratnapura**

1 mark each x 2 for correctly naming two such urban areas along the river

(2 marks)

ii. Write three strategies that can be taken to minimize flood.

- **Limiting sand mining in rivers**

- **Protecting forests in river catchments**

- **Keeping river mouths open**

- **Protecting low-lying areas and wetlands**

- **Adopting flood-resistant construction**

- **Limiting human activities in areas prone to flooding**

- **Educating the community to take safety measures**

Name three measures, 1 mark each x 3

(3 marks)

iii. With examples, briefly explain two strategies that can be followed at the response phase of the disaster management cycle.

- **Providing medical treatment / Providing temporary shelter**

- **Ensuring the safety of the affected community**

- **Protecting physical property as much as possible**

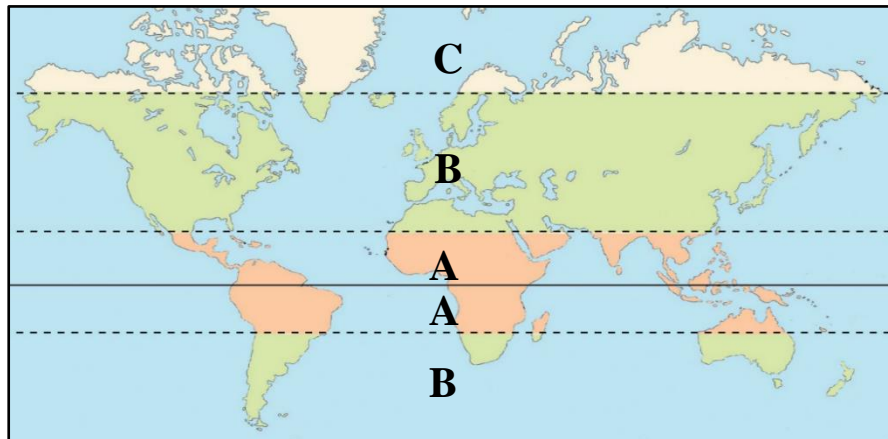
- **Providing food, drink and clean water**

2 marks each for describing two actions x 2 - 4 marks

(5 marks)

1 mark for giving an example

7. Study the given map of the climate zones of the world to answer the questions given.



- i. Name one of the special sub types of each of the climate zones denoted by A and B respectively

A – Monsoon climate

B – Mediterranean climate

1 mark each for correctly naming only the two distinct climate types x 2

(2 marks)

- ii. Write three climatic features that limit human activities in climate zone C.

- Cold climate
- Snowfall
- Difficulty in building settlements
- Reduced space for agriculture

1 mark each x 3 for correctly stating three factors

(3 marks)

- iii.a) Mention three impacts of the increase of global warming to the environment.

- Climate change / formation of extreme climate zones
- Destruction / change of animal breeding areas
- Pollution of drinking water sources
- Melting of polar ice caps and rising sea levels
- Destruction of lagoons and salinization of water
- Increase in ocean temperature and destruction of aquatic life
- Increase in ocean surface temperature causing cyclones
- Extinction of certain organisms and emergence of new populations
- Destruction and deforming of animal genes

1 mark each x 2 for mentioning two environmental impacts

b) Describe in brief two global level strategies that have been taken to minimize global warming

- Earth Summit
- Kyoto Protocol
- Paris Agreement
- COP Summit
- Intergovernmental Panel on Climate Change

1 ½ marks each x 2 - 3 marks

(5 marks)

8. i. Name two main sources of energy in Sri Lanka

- Biomass, - Water, - Coal, - Wind energy, - Solar energy,
- Petroleum (petrol, diesel, kerosene, LP gas, etc.)

1 mark each x 2 for naming two energy sources.

(2 marks)

ii. Name one of the power stations established in association with each of the following rivers.

- a) River Walawe
- b) Gal Oya
- c) River Mahaweli

a. Walawe River - Samanala Wewa / Udawalawe

b. Gal Oya - Inginiyagala

c. Mahaweli River - Victoria / Randenigala / Rantambe / Polgolla / Kotmale / Upper Kotmale

1 mark for each correct name of one power plant per river x 3

(3 marks)

iii. Using two examples describe two ways in which the use of alternative energy affects development of a country.

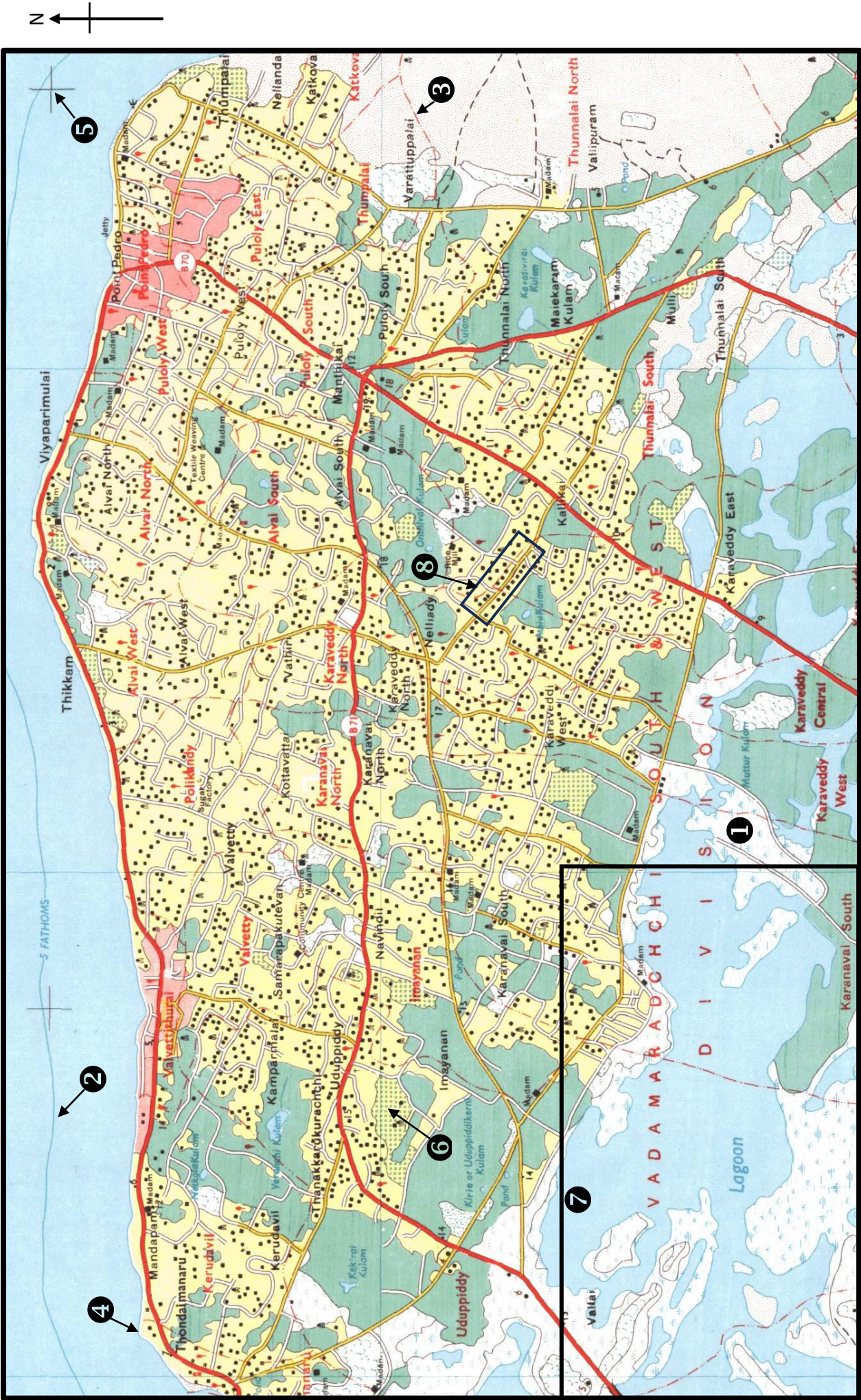
- Reduction in fuel import costs (saving foreign exchange)
- Creation of new job opportunities
- Helping to improve living standards in rural areas without electricity
- Protection of forests, reservoirs, etc.
- Increasing innovation capabilities

2 marks each for explaining two points correctly x 4

1 mark for giving examples

(5 marks)

G. C.E. (O/L) Examination – Practice paper 2024/2025



Scale 1:50,000

1. (a)

(i) -----Marshland-----

(ii) -----Isobath-----

(iii) -----Grama Niladhari Division-----

(iv) -----Constructed area-----

(v) -----Point/Headland-----

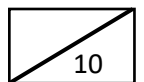
(vi) -----The Place where longitude and latitude cross each other-----

(vii) -----Other crops-----

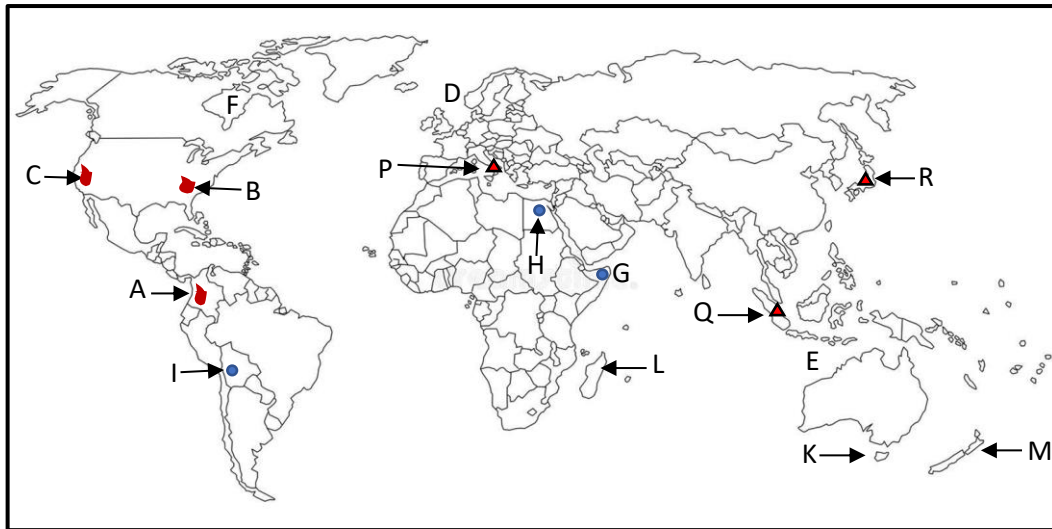
(viii) -----Fishing/Tourism-----

(ix) -----F-----

(x) -----T-----

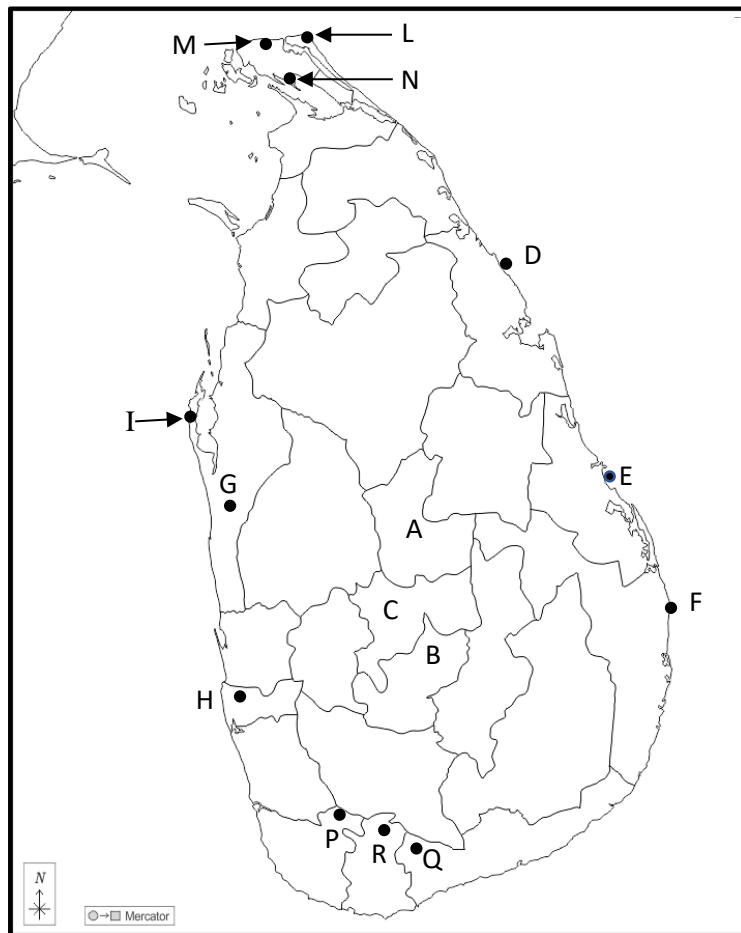


(b)



- (i) C
- (ii) E
- (iii) H
- (iv) K
- (v) Q
- 5

(c)



- (i) A
- (ii) F
- (iii) I
- (iv) M
- (v) Q
- 5

$$1. \quad a) \quad \frac{10}{10} \quad + \quad b) \quad \frac{5}{5} \quad + \quad c) \quad \frac{5}{5} \quad = \quad \frac{20}{20}$$