



අධ්‍යාපන අමාත්‍යාංශය  
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><br><b>Distance education Promotion Branch</b><br><b>G. C. E. Ordinary level – Student Supportive Seminar - 2022 (2023)</b> |                       |                   |
| <b>61 Geography - (02) Answer Sheet</b>   |                       |                   |
| <b>Grade 11</b>   | <b>English Medium</b> | <b>Time- 3hrs</b> |

**Part -1**

|    |                      |     |         |
|----|----------------------|-----|---------|
| 01 | Stratosphere         | 21. | 3 / CAD |
| 02 | Caspian              | 22  | 1 / ADB |
| 03 | Exclusive Economic   | 23  | 2       |
| 04 | Tropical             | 24  | 3       |
| 05 | 30%                  | 25  | 2       |
| 06 | C                    | 26  | 3       |
| 07 | C                    | 27  | 1       |
| 08 | W                    | 28  | 4       |
| 09 | C                    | 29  | 3       |
| 10 | W                    | 30  | 2       |
| 11 | 1386                 | 31  | 1       |
| 12 | Iceland              | 32  | 4       |
| 13 | Population explosion | 33  | 1       |
| 14 | Matale               | 34  | 3       |
| 15 | Beliatta             | 35  | 4       |
| 16 | 2011                 | 36  | 2       |
| 17 | Agriculture          | 37  | 4 / D   |
| 18 | 2011                 | 38  | 2 / B   |
| 19 | 2 / BCA              | 39  | 3 / C   |
| 20 | 4 / CAB              | 40  | 1 / A   |

(1 x40 = 40 marks)

**Paper - 02**

**Part - 01**

01) a)

- i) Broad Gauge Single (Tracks) (01 mark)
- ii) District Boundary (01 mark )
- lii) Bathymetrical line (01 mark)
- iv. River mouth (01 mark)
- v) Railway station / school / hospital / court/ police / post office (03 marks)
- vi C (01 mark)
- vii. W (01 mark)
- viii. C (01 mark)

- b) i. I i. A
- ii. M ii. D
- iii. O iii. G
- iv. W iv. L
- v. Z (5 marks) v. N (5 marks)

**Part 2**

2. i) (a) Horizon A

(b) Horizon B

(1 mark x 2 = 2 marks)

ii) - To produce paints

- To produce lead sticks in pencils

-To make casting moulds

- To plate ovens
  - In the printing industry
- Used in electric and electronic industry
  - To produce pencils
  - To produce explosives

Any three similar to the above ( 1x3 = 3 Marks)

iii) (a)

- Environment pollution due to technical methods used in mining mineral resources.
- Sand mining in river valleys would cause erosion of river banks, floods, destruction of cultivation due to flow of salinized water to the interior of the country.
- Pits are created due to mining and earth slips and landslides may occur too.
- Unused pits filled with water for a long time become breeding grounds for mosquitos and bacteria.
- Floods occur due to deposition of sediments in rivers and lakes.
- Mining can be harmful to trees and plants in the environment, destruction of cultivated lands, water, land and air pollution.
- Destruction of aquatic organisms and soil organisms.

(for three problems -1 x 3 = 3 marks)

(b) Give marks for the explanation of Impact to the environment by **one** of the above mentioned problems. (2 marks)

3. i) (a) Nuwara Eliya

(b) Kurunegala

(1 x 2 = 2 marks)

ii) Dry zone / Wet zone / Intermediate / Hilly Lands

(For **three** answers - 1 x 3 = 3 marks)

ii) (a) - Fragmentation of coconut cultivated lands

- Facing epidemics and diseases caused by insects
- Use of fertilizers
- Lower harvest due to cultivation of crops in the same land for a long period of time
- Scarcity of labor
- Not maintaining cultivated lands properly

(For three answers similar to the above) 1 mark x 3 = 3 marks)

(b) – Holding the awareness programs for farmers

- Motivating the farmers
- Provision of subsidies to replant crops
- Introducing hybrid plants
- Continuing researches
- Provision of subsidies for fertilizer. (2 marks for two correct answers)

4. i) Industries which produce both finished and semi-finished products with the knowledge of technology and skills of man, utilizing the raw materials and other factors of production are called manufacturing industries.

(2 marks for a suitable introduction)

ii) – Agro raw materials

- Processed raw materials
- Minerals

(1 x 3 = 3 marks)

iii) – Solution for the high demand of energy

- Price fluctuations of the world market
- Eco- friendliness
- High demand

(2 ½ for a suitable description x 2 = 5 marks)

5. i) (a) Borelasgamuwa / Meetiyagoda / Raththota

(b) Dediavala

(1 mark x 2 = 2 marks)

ii)

- Plastics
- Insecticide
- Chemical fertilizer
- Drugs
- Lubricants
- Perfumes

- Paraffin wax
- Beauty products
- Paints
- Synthetic rubber
- Other liquid products

(For three answers similar to the above – 1 x 3 = 3 marks)

iii)

- (a)The amount of raw material depends on the quantity of the imported oil to be refined.
- The fluctuating price of petroleum will have an adverse effect on the production industry.
- Due to the rise in production costs, the price of commodities increase.
- Since the industry is capital intensive, a shortage of capital affects industry.
- Market competition with imported goods.
- Environmental pollution due to the emission of chemical wastes from the refinery and from discarded goods.
- Russian – Ukraine war
- Loss of employments
- Lack of raw materials
- Influences by middle-men

(For three answers- 1 x 3 = 3 marks)

(b) Give marks for an explanation of **one** of the above- mentioned problems.

(2 marks)

6. i) (a)

- Gender
- Human race
- Age that receive at birth.

(b) Nationality / Religion /Language / Literacy

(1 x 2 = 2 marks)

- ii) - Declining of birth rate
- Declining of death rate
- Declining of natural growth
- Emigration

(For 3 answers- 1 x3marks)

- iii) - Proximity to Colombo
- Migrations
- Acting as settlement cities

(For a suitable correct description  $2 \frac{1}{2} \times 2 = 5$  marks)

7.

- a. i) A natural hazard is an event in the environment that occurs naturally that could cause harm to humans, economic assets or environment.

(2 marks for a suitable description)

- ii) (a). Geological hazards -Earthquakes, Tsunami, Volcanoes, Landslides
- (b). Climatic hazards - Cyclones, Lightning, Floods, Droughts
- (c). Biological Hazards- - Epidemics, Bush fire, Extinction of flora and fauna on a large scale

(  $\frac{1}{2} \times 6 = 3$  marks)

iii) (a) A - Preparation

B - Response

C - Mitigation

(1 x 3 = 3 marks)

(b)

- Rehabilitation of public and the environment
- Planning of short term and long term procedures
- Conducting awareness programs for public
- Rehabilitation of victims physically and mentally

(2  $\frac{1}{2}$  marks for correct and suitable description x 2 = 5 marks)

8. i) A – Peri Pacific zone

B – The African Rift Valley zone

( 1 x 2 = 2 marks)

ii) - Nitrous Oxide

- Methane

- Carbon Dioxide

- Chlorofluorocarbon (CFC)

( 1 x 3 = 3 marks)

iii)(a)

- Decrease in income of fishermen due to the reduction of fish harvest.
- Decrease of the crop lands due to salinity of soil.
- Spread of diseases due to increase in numbers of the insects that transmits diseases (vectors)
- Decrease in the harvest of agro-crops.
- Increase in natural hazards (cyclones, droughts and heavy rainfall).
- Obstruction for agricultural activities due to the changes in the patterns of rainfall.
- Loss of settlements when lowlands submerge in sea.
- Contamination of drinking water.

(For 2 answers – 1 x 2 = 2 marks)

(b) - Less consumption of energy sources that emit green - house 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.

(For 3 answers – 1 x 3 = 3 marks)



