



වයඹ පළාත් අධ්‍යාපන දෙපාර්තමේන්තුව Provincial Department of Education - NWP  
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**දෙවන වාර පරීක්ෂණය - II ශ්‍රේණිය - 2023**  
**Second Term Test - Grade 11 - 2023**

**Geography - I**

**Time : 03 hours**

**Index No.:**

- **This question paper comprises 40 questions.**
- **Answer all questions on this paper itself in accordance with the instructions given for each question.**

- **From the answers given in the parenthese, select the answer that suits the blank in each question from No. 01 to 10 and write it on the dotted line.**

01. The Earth's ..... is composed of two parts, continental and oceanic. (crust, mantle, core)
02. Forests belong to the category of ..... resources (exhaustible / non-exhaustible / renewable)
03. Nile river is originated from a ..... (Spring / lake / melted glacier)
04. Kenya is a ..... growing country in Africa (Tea / rubber / coconut)
05. .... rocks are formed by magma coming from the interior of the Earth and solidifying on the crust. (Igneous / Sedimentary / Metamorphic)
06. At present, ..... is the leading country in the shipbuilding industry. (Japan / China / South Korea)
07. 60% of the total world population lives in ..... (Asia / Africa / Europe)
08. Ozone layer is located in the ..... (Troposphere / Stratosphere / Mesosphere)
09. Kerawalapitiya thermal power plant is located in ..... District. (Puttalam / Gampaha / Mannar)
10. The Sri Lanka Tourist Authority has identified ..... tourist zones in the country. (5 / 6 / 7)

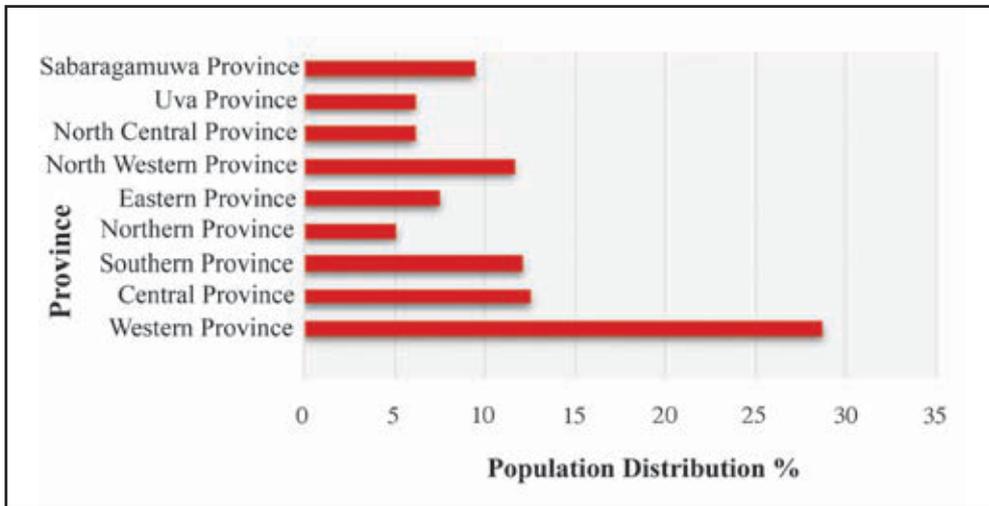
- **Read each statement from No. 11 to 15 and circle 'C' if it is correct and circle 'W' if it is incorrect.**

11. The total population of the world today is eight billion. (C / W)
12. Per capita Gross Domestic production is a modern indicator of development (C / W)
13. Kahatagaha mine, which produces high quality graphite, is located in Kurunegala district. (C / W)
14. Wasgamuwa belongs to Strict Natural Reserves (C / W)
15. The scale of 1:50000 topographic maps of Sri Lanka is shown in the lower margin of the outer border (C / W)

● **In the questions from No. 16 to 20 fill in the blanks with suitable words.**

16. The ..... rainforest in Brazil is the largest rain forest in the world.
17. The ocean area extending 12 nautical miles from the coast within the territorial waters belonging to Sri Lanka is called .....
18. Among the tectonic plates on which the Earth's lithosphere is formed, the ..... plate is an entirely oceanic tectonic plate.
19. Pulmadday area which has ilmenite mineral deposits. belongs to ..... district.
20. The Sacramento Valley in North America is a ..... growing area outside of Asia.

● **Below is a graph showing the distribution of population according to the provinces of Sri Lanka. Study it carefully and answer questions from No. 21 to 23.**



21. According to the graph, the province showing the highest population distribution is the ..... province.
22. The lowest population distribution is in the ..... province.
23. The distribution of population in North Central and ..... provinces is almost the same.

● **In questions from No. 24 to 28 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.**

- |  |   |                    |                            |
|--|---|--------------------|----------------------------|
| <p>24. A</p> <p><b>Island</b></p> <p>1. Hawaii</p> <p>2. Cuba</p> <p>3. Madagascar</p> | <p>B</p> <p><b>Ocean</b></p> <p>A Atlantic</p> <p>B Pacific</p> <p>C Indian</p> <p>D Arctic</p> |                    |                            |
| <p>(1) B, D, A</p>   | <p>(2) B, A, C</p>  | <p>(3) D, B, C</p> | <p>(4) C, A, B (.....)</p> |

25. **A**  
**Tea cultivated areas**  
 1. Low country  
 2. Mid country  
 3. Up country  
 (1) B, A, D                      (2) D, A, C
- B**  
**Districts**  
 A Badulla  
 B Mannar  
 C Galle  
 D Nuwara Eliya  
 (3) C, A, D                      (4) C, A, B (.....)
26. **A**  
**Type of mineral**  
 1. Kaolin  
 2. Graphite  
 3. Apatite  
 (1) D, B, A                      (2) B, D, A
- B**  
**Productions**  
 A Fertilizer  
 B Explosives  
 C Glassware  
 D Sanitaryware  
 (3) C, A, D                      (4) C, D, B (.....)
27. **A**  
**Country**  
 1. Indonesia  
 2. Egypt  
 3. USA  
 (1) D, A, C                      (2) C, B, D
- B**  
**Million City**  
 A Manila  
 B Cairo  
 C Jackartha  
 D Los Angeles  
 (3) B, C, D                      (4) A, B, D (.....)
28. **A**  
**Structure of the Earth**  
 1. Crust - Mantle  
 2. Lower Mantle - Outer core  
 3. Outer core - Inner Core  
 (1) B, C, A                      (2) A, C, D
- B**  
**Discontinuity**  
 A Mohoravicic  
 B Lemon  
 C Gutenberg  
 D Conrad  
 (3) A, C, B                      (4) C, A, D (.....)

● **For each question from No 29 to 40, select the correct or most appropriate answer from the four answers given and write its number on the dotted line provided against it.**

29. Which of the following is the atmospheric layer that helps in dispersing radio waves ?  
 (1) Troposphere                      (2) Stratosphere  
 (3) Mesosphere                      (4) Thermosphere (.....)
30. Tropical zone is located in,  
 (1) Between the Equator and the Tropic of capricorn.  
 (2) Between the Equator and the Tropic of Cancer  
 (3) Between the Arctic circle and the Antarctic circle  
 (4) Between the Tropic of cancer and Tropic of capricorn (.....)

31. Hydro electricity in Sri Lanka is mostly consumed for,  
 (1) Industries (2) Commercial use  
 (3) Religious activities (4) Domestic consumption (.....)
32. Which of the following factor does not affect the population density of a country ?  
 (1) Infrastructure facilities (2) Service facilities  
 (3) Age structure (4) State policies (.....)
33. The express way shown by E4 is,  
 (1) Colombo - Katunayaka road (2) Colombo - Mattala road  
 (3) Colombo - Kandy road (4) Colombo outer circular road (.....)
34. A unique climate to the Temperate climate is,  
 (1) Monsoon climate (2) Mediterranean climate  
 (3) Tundra climate (4) Rainy climate (.....)
35. A special feature in the Sri Lankan population at present is,  
 (1) Increase of population aging (2) Decrease of life expectancy  
 (3) Increase in the Population growth rate (4) Increase in the birth rate (.....)
36. The incorrect statement regarding the wheat production in the world is,  
 (1) China is the leading producer  
 (2) A crop grown in densely populated regions  
 (3) It is the main cereal crop in the world market  
 (4) Mechanization on a large scale (.....)
37. Length and width of one sheet of 1:50000 topographic map of Sri Lanka is,  
 (1) 40 cm x 25 cm (2) 40 km x 25 km  
 (3) 80 cm x 50 cm (4) 80 km x 50 km (.....)

● **Carefully study the interconnected pairs of topics given in A, B, C, D and answer the questions from No. 38 to 40**

- |   |                          |   |                              |
|---|--------------------------|---|------------------------------|
| A | 1. Population            | B | 1. Infrastructure facilities |
|   | 2. Pressure on resources |   | 2. Investments               |
| C | 1. Organic fertilizer    | D | 1. Express ways              |
|   | 2. Soil                  |   | 2. Traffic congestion        |

38. Which pair of topics indicates the development of the first causes an increase in the second ?  
 (1) A (2) B (3) C (4) D (.....)
39. Which pair of topics indicates the first causes the well being of the second ?  
 (1) A (2) B (3) C (4) D (.....)
40. What pair of topic can cause an increase and decrease in the first to also increase and decrease in the second ?  
 (1) A (2) B (3) C (4) D (.....)



දෙවන වාර පරීක්ෂණය - II ශ්‍රේණිය - 2023  
Second Term Test - Grade 11 - 2023

Geography - II

Index No.:

- 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

(01) (a) Study the 1:50000 topographic map section provided to you and answer the following questions based on it. In answering, use the paper 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 line A - B ? (1 m)

(Steep slope / Gentle slope / Concave slope)

(ii) What is shown by line C - D ? (1 m)

(Spur / Water gap / Wind gap)

(iii) What is the feature shown by letter R ? (1 m)

(Tank / Rock outcrop / Abandoned tank)

(iv) Which drainage feature is shown in square No. 02 ? (1 m)

(Braided river / Meander / Marshy land)

(v) Which type of administrative boundary is shown at square No. 01 ? (1 m)

(vi) Correctly indicate the latitudinal and longitudinal values that extend through the location indicated by the letter S. (2 m)

- Three statements in the mapped area are given in questions (vii), (viii) and (ix) and write 'C' if it is correct and 'W' if it is incorrect against the question number given in the answer sheet. (3 m)

(vii) The mapped area is a forested area

(viii) The mapped area is an area where chena cultivation is in abundance.

(ix) The height of the trigonometrical point indicated by the letter 'C' is more than 350 m

(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 (5 m)

- 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) Newfoundland island - D, E, F

(ii) River Volga - A, B, C

(iii) Persian Gulf - G, H, I

(iv) Torres strait - K, L, M

(v) Drakens berg mountains - X, Y, Z

(c) Carefully study the map of Sri Lanka provided to you and answer the questions given below. In answering, use the column of boxes adjacent to the map. (5 m)

- Three English letters are give 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) Gannoruwa - I, J, K

(ii) Tangalle which belongs to the minor cocount Triangle - L, M, N

(iii) Naval Base Sanctuary - A, B, C

(iv) River Kalu - O, P, Q

(v) Thermal Power Plant at Chunnakam - X, Y, Z

## Part II

(02) (i) According to the Earth's structure, name the two main parts of the lithosphere. (2 m)

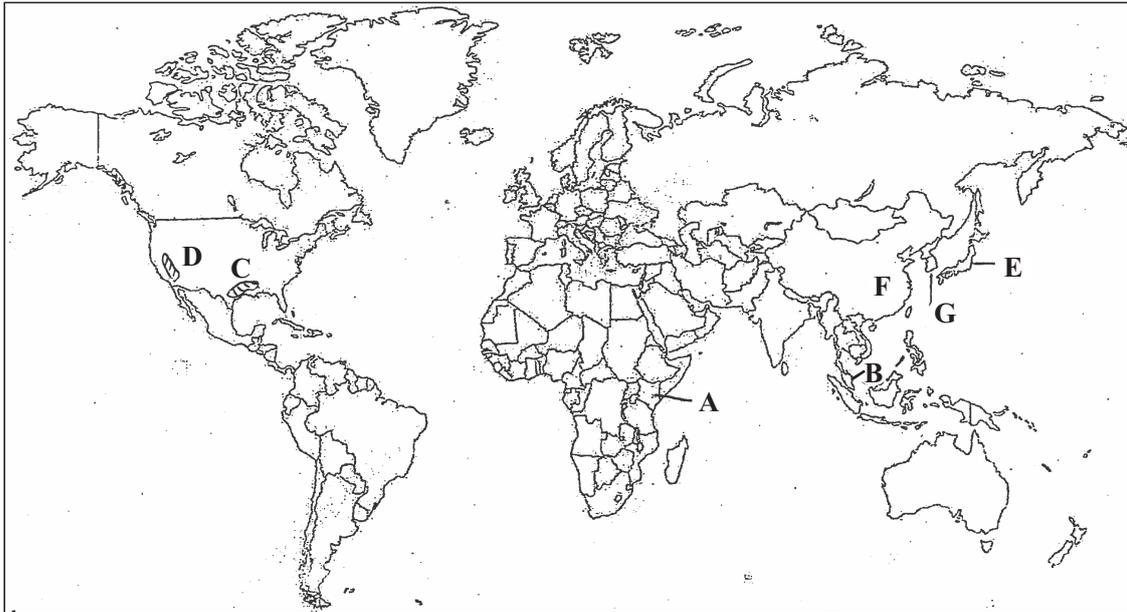
(ii) The Earth's lithosphere is made up of many tectonic plates. Name three tectonic plates among them. (3 m)

(iii) (a) Write the tectonic plates to which the following islands belong in order.

1. Madagascar
2. Sri Lanka

(b) Briefly explain two adverse human impacts on teh Earth's lithosphere. (5 m)

- Use the world map given below to answer question No. 03 and 04.



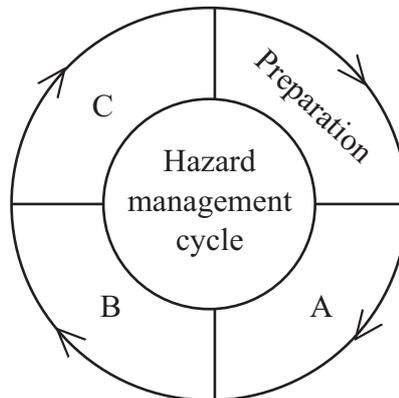
- (03) (i) Name the tea growing country represented by the letter 'A' and the rubber growing country represented by the letter 'B'. (2 m)
- (ii) Mention one physical factor and two human factors needed for the wheat cultivation. (3 m)
- (iii) (a) Write two reasons why wheat is more important than other grains as a staple crop in international trade.
- (b) Describe two problems faced by the plantation agriculture in Sri Lanka. (5 m)
- (04) (i) (a) Mention the letter showing Texas, a cotton growing region, and  
 (b) the letter for Japan, a leading country in the iron and steel industry. (2 m)
- (ii) Write three main productions related to electronic industry. (3 m)
- (iii) Describe three new trends in the electronic industry in Sri Lanka. (5 m)
- (05) (i) (a) Name the most populous country in Africa and,  
 (b) the most populous country in South America. (2 m)
- (ii) Name followings based on distribution of the world population . (3 m)
- (a) A densely populated region in Asia.
- (b) A secondary population concentration in North America.
- (c) A sparsely populated region in Africa.
- (iii) Briefly describe one physical factor and two human factors affected for the unequal distribution of population in Sri Lanka. (5 m)

- (06) • **Graphite** • **Coal** • **Iron ore**  
 • **Limestone** • **Nickel**

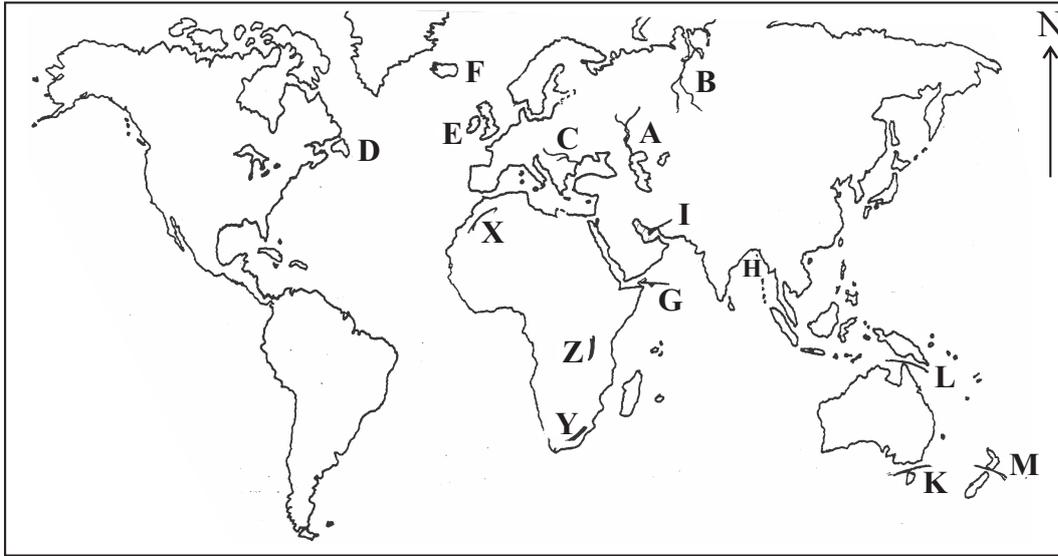
- (i) Mention,  
 (a) a fuel mineral and  
 (b) a metal mineral among the above minerals. (2 m)  
 (ii) Mention three reproductive resources. (3 m)  
 (iii) (a) Write two problems in utilization of mineral resources  
 (b) Briefly describe two steps that could be taken in order to conserve mineral resources (5 m)

- (07) (i) Mention two old indicators which used to measure development. (2 m)  
 (ii) Mention the three main indicators used in measuring Human Development Index. (3 m)  
 (iii) (a) Write two steps that have been implemented to develop the roads in Sri Lanka.  
 (b) Describe two development projects have been implemented in order to minimize the gap between the village and town. (5 m)

- (08) (i) Name the two natural hazards that commonly affect Sri Lanka. (2 m)  
 (ii) Name the scenarios A, B and C in the diagram below related to the disaster management cycle. (3 m)

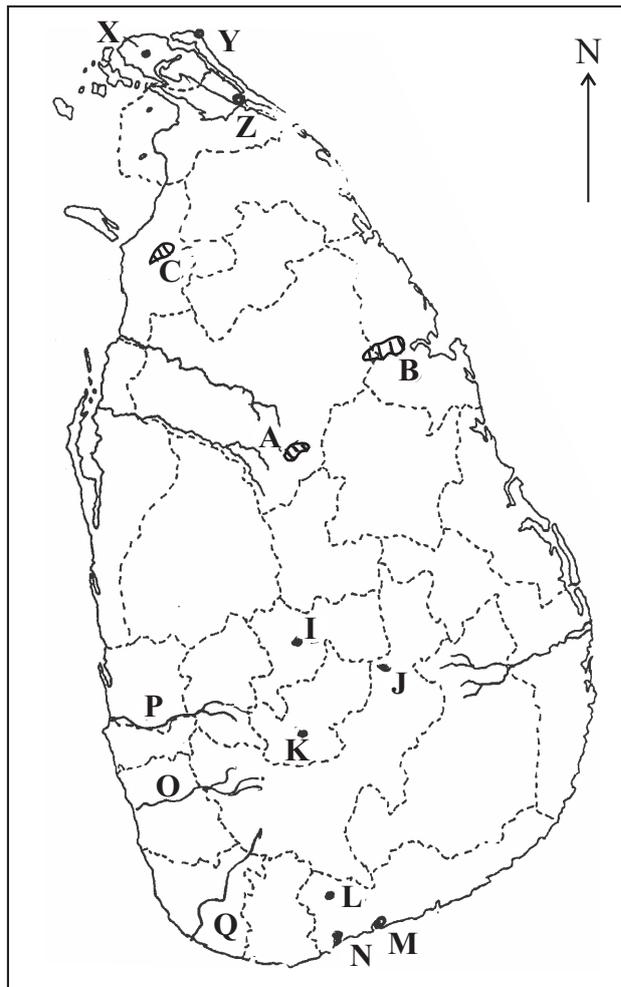


- (iii) Briefly describe three procedures that can be followed in case of C above. (5 m)



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

01 (ඉ) / (C)



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

$$01 \frac{(අ)}{(A)} \frac{10}{10} + \frac{(ආ)}{(B)} \frac{5}{5} + \frac{(ඉ)}{(C)} \frac{5}{5} = \frac{20}{20}$$



**Paper I**

01. Crust	11. C	21. Western	31. 4
02. Renewable	12. W	22. Northern	32. 3
03. Lake	13. C	23. Uva	33. 3
04. Tea	14. W	24. 2	34. 2
05. Igneous	15. C	25. 3	35. 1
06. South Korea	16. Amazon	26. 1	36. 2
07. Asia	17. Territorial sea	27. 2	37. 3
08. Stratosphere	18. Pacific	28. 3	38. 2
09. Gampaha	19. Trincomalee	29. 3	39. 3
10. Seven	20. Paddy	30. 4	40. 1

(1 mark x 40 = 40 marks)

**Paper II**

**I**

- (01) (A) (i) Steep slope (m. 1) (B) (i) D (c) (i) I  
 (ii) Water gap (m. 1) (ii) A (ii) N  
 (iii) Abandoned tank (m. 1) (iii) I (iii) B  
 (iv) Braided river (m. 1) (iv) L (iv) O  
 (v) Provincial boundary (m. 1) (v) Y (m. 5) (v) X (m. 5)  
 (vi) Northern latitude  $6^{\circ} 40'$ , & Eastern longitude  $80^{\circ} 50'$  (m. 2)  
 (vii) C (m. 1)  
 (viii) C (m. 1)  
 (ix) W (m. 1)
- (02) (i) \* Crust \* Upper mantle (2 m)  
 (ii) Pacific plate / N. American plate / S. American plate / African plate / Eurasian plate / Antarctic plate / Indo Australian plate (3 m)  
 (iii) (a) Madagascar - African plate  
 Sri Lanka - Indo Australian plate  
 (b) Excavation of land to obtain mineral resources / Irregular disposal of garbage / Construction of stored buildings Construction of large reservoirs / Utilization of machinery with high pressure (5 m)
- (03) (i) A Kenya B Malayasia (2 m)  
 (ii) Physical factors  
 Rainfall between 300mm - 500 mm / Chernozem soil / Flat land / Cool wet climate during the penod of plant growth  
 Human factors  
 Capital / Transportation / Machinery / Market etc. (3 m)  
 (iii) (a) \* The major crop involved in the world trade.  
 \* The crop that most people consume.  
 \* Supplying wheat to the market through out the year.  
 \* Ability to prepare various food.  
 \* Preservability of prepared foods .  
 (b) \* Privatization of estates.  
 \* Fragmentation of land.  
 \* Lower harvest due to cultivation of crops in the same land for a long period of time.

- (04) (i) (a) C (b) E (2 m)  
 (ii) Television - Radio - Computers - Cameras - Robots etc (3 m)  
 (iii) \* Many direct and indirect employment opportunities.  
 \* The establishment of numerous equipment repair and service centres.  
 \* High quality assembling industries are often established in urban areas.  
 \* Establishment of higher educational institutions and setting up of school curricula to train the required high skilled expert workers (5 m)
- (05) (i) (a) Nigeria (b) Brazil (2 m)  
 (ii) (a) East / South / South East Asia  
 (b) East and North eastern region / western region  
 (c) Sahara desert / Kalahari desert / Congo forest  
 (iii) Physical factors  
 climate / relief / natural hazards  
 Human factors  
 Infrastructure facilities / services / commercial activities / location of the industries etc (5 m)
- (06) (i) (a) Coal (b) Iron ore / Nichel (2 m)  
 (ii) Forests / Soil / Wildlife / Fisheries (3 m)  
 (iii) (a) \* Destruction of aquatic and soil organisms.  
 \* Environmental pollution due to technical methods used in mining mineral resources.  
 \* Pits are created due to mining & earth slips and landslides may occur too.  
 \* Can be harmful to trees and plants.  
 (b) \* Issuing of license to regularize mineral mining.  
 \* Taking the maximum use of the resources available.  
 \* Exploring to discover potential mineral resources.  
 \* Improve efficiency in technology etc. (5 m)
- (07) (i) Gross National Product / Per capita income / Gross Nation Development / Energy consumption per person etc (2 m)  
 (ii) \* Life expectancy at birth  
 \* Literacy  
 \* Purchasing power parity tallied with the per capita gross national product  
 (iii) (a) \* Construction of new roads.  
 \* Construction of new express ways.  
 \* Construction of flyovers.  
 \* Construction of under ground tunnels etc  
 (b) \* Empowering the low income groups in the rural sector by means of Janusaviya, Divineguma and Samurdhi projects  
 \* Taking steps to remove rural unemployment by the 200 garment factory project.  
 \* Reconstruction of rural roads  
 \* Improving rural industries  
 \* Appointing service personnel etc. (5 m)
- (08) (i) Floods  
 Landslides (2 m)  
 (ii) A Response  
 B Recovery  
 C Mitigation (3 m)  
 (iii) \* Installing warning systems.  
 \* Community awareness and participation.  
 \* Introduction of some implements that can be used to minimize the hazard.  
 \* Strengthening disaster management institutions. (5 m)