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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

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Practice Paper | ප්‍රකාරක ප්‍රශ්න පත්‍ර

Geography

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



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**Ministry of Education
Distant Learning Promotion Branch
Supportive Seminar Series - O/L 2022(2023)**

Geography-61

I, II

Three hours.

Additional Reading Time – 10 minutes

Use additional reading time to go through the question paper. Select the questions and decide on the questions that you give priority in answering.

Geography I

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

- 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. Supersonic jets fly within the (Troposphere,/Stratosphere/ Mesosphere)
 2. River Volga flows into the sea. (Aral / Black /Caspian)
 3. The Zone is located between 24 to 200 Nautical miles. (Territorial / Exclusive economic / Contiguous)
 4. The trees like Mahogany, Acacia can be seen in Forests. (Tropical / Temperate/ Coniferous)
 5. Iron-ore deposits will be economically valuable only if it contributes at least of high quality iron. (20% / 30% / 50%)
- Read each statement from No 6 – 10 and circle **C** if it is Correct and Circle **W** if it is incorrect.
 6. Montane Dry Zone Forest distributed in hilly areas is over 1400m in height. C / W
 7. On 1:50,000 topographical maps values of latitudes and longitudes have been marked at 5-minute intervals. C / W
 8. The first idea about distribution of climates in the world was originally put forward by Austin Miller. C / W

9. Loam and Laterite soil are favorable factors for Tea cultivation. C / W

10. Out of the total land area of the world, 80% has a low population. C / W

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

11. The total volume of water on the Earth is calculated as Million cubic Kilometers.

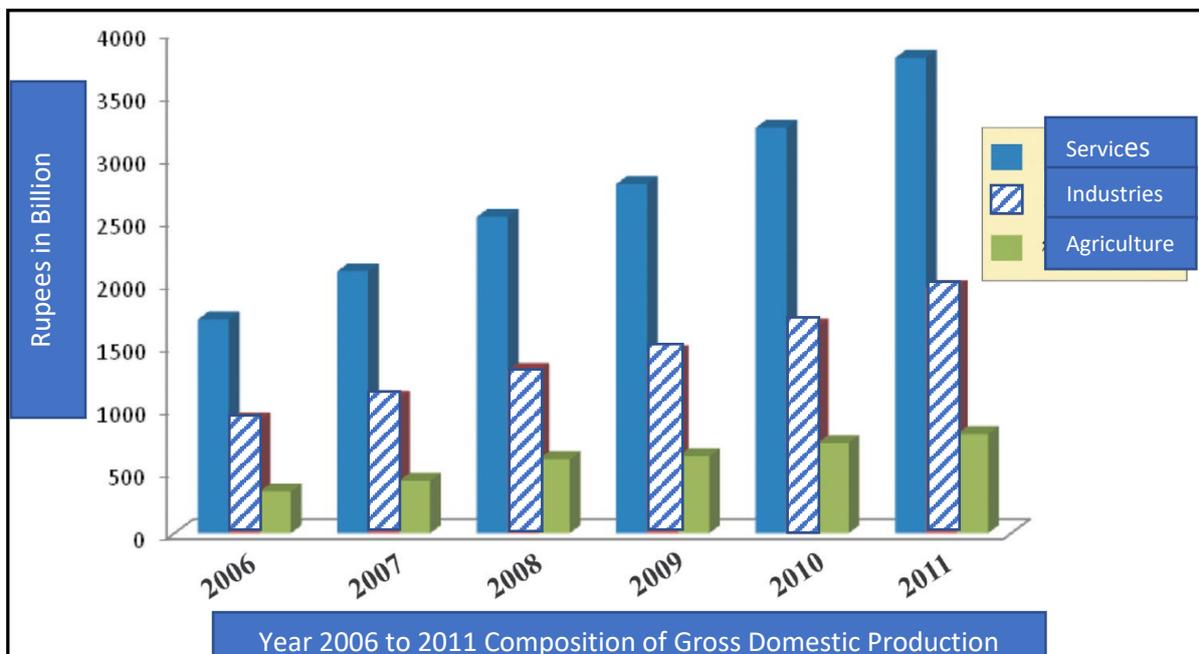
12. The Islands of were created as a result of volcanic activities occurred in the Atlantic Ocean.

13. The accelerated growth of population within a short period is known as

14. The Minor Export Crop Research Institute is located in

15. The last destination of Southern railway line is railway station.

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



According to the above graph,

16. The highest contribution of service sector in the gross domestic production has been recorded in the year
17. Sector has contributed the lowest in gross domestic production.
18. The year....., has recorded the highest gross domestic product contribution out of all three sectors.

In questions from 19 to 22 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.

19.

'A'

1. Asia
2. Australia
3. Africa

'B'

- A. Madagascar
- B. Java
- C. Tasmania
- D. Papua New Guinea

1. ABC 2. BCA 3. CAB 4. DCA (.....)

20.

'A'

1. Igneous
2. Metamorphic
3. Sedimentary

'B'

- A. Dolomite
- B. Limestone
- C. Granite
- D. Graphite

1. ABD 2. BAD 3. BDC 4. CAB (.....)

21.

'A'

1. Dry Mixed Evergreen
2. Mangroves
3. Thorn and Scrub land

'B'

- A. Kirala
- B. Maha Rathmal
- C. Ebony
- D. Palu

1. ABD 2. BAD 3. CAD 4. DAC (.....)

22.

‘A’

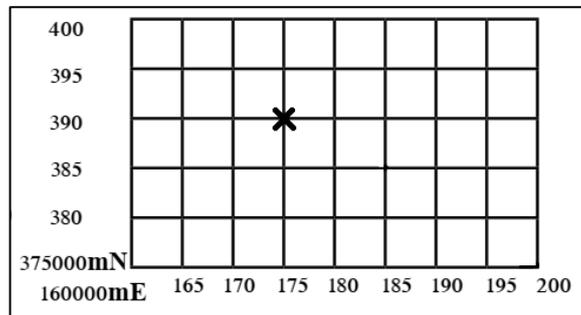
‘B’

1. Northern coast of Australia
2. Around Japanese Islands
3. Around Bay of Bengal

- A. Willy - Willy
- B. Cyclone
- C. Baguio
- D. Typhoon

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

- For questions from 23 to 36, select the most appropriate answer from the four answers and write its number on the dotted line given against each of them.



23. According to the national (metric) coordinates, the location of (X) is correctly shown by,

- | | |
|---------------------------|---------------------------|
| 1. 175000 mE
395000 mN | 2. 175000mE
390000 mN |
| 3. 175000 mN
390000 mE | 4. 175000 mN
395000 mE |
- (.....)

24. can be named as one of the Strict Natural Reserves in Sri Lanka.

1. Vilpaththu 2. Sinharaja 3. Hakgala 4. Kanneliya (.....)

25. is a river which originates from a spring.

1. Rhine 2. Thames 3. Nile 4. Mississippi (.....)

26. The colour used for metric coordinates in 1:50000 topographic maps in Sri Lanka is

1. Black 2. Red 3. Blue 4. Brown (.....)

27. A district that cultivates tea in the up country area of Sri Lanka is,

1. Nuwara Eliya 2. Badulla 3. Kandy 4. Kegalle (.....)

28. The most suitable graph used to represent the composition of the variables is,

1. Simple Line 2. Multiple Bar 3. Double Bar 4. Divided Circle (.....)

29. The international summit which has designed a programme to environmental development for the 21st century is,

1. STOCKHOLM 2. BIMSTEC
3. EARTH 4. BRICS (.....)

30. The person who invented the “Richter Scale” is,

1. Richard Hurston 2. Charles F. Richter
3. Von Humboldt 4. Alfred Wegner (.....)

31. 50% of the total air content of the atmosphere extends up to

1. 5-6 km 2. 8-10 km 3. 10-12 km 4. 12-14 km (.....)

32. Which of these is **NOT** one of the three indicators to measure the Human Development Index?

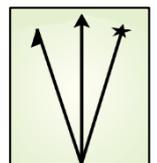
1. Life expectancy at birth 2. Literacy
3. Purchasing power 4. Physical quality of life index (.....)

33. According to the data of 2012 in Sri Lanka, which district exceeded one million of population?

1. Galle 2. Jaffna 3. Nuwara Eliya 4. Kegalle (.....)

34. According to the diagram given about the direction, a vertical line with a full arrow head represents,

1. True North 2. Magnetic North 3. Grid North 4. Correct North (.....)



35. The **Kuznets zone** which is the production center of iron and steel is located in

1. United Kingdom 2. China 3. United States of America 4. Russia (.....)

36. The crude oil refinery in Sri Lanka is located at,

1. Kolonnawa 2. Sapugaskanda 3. Kiribathgoda 4. Orugodawatta (.....)

- Study carefully the pairs of inter connected topics shown by letters A, B, C and D and answer the questions from 37 to 40.

A 1. Urbanization
 2. Environmental pollution

B 1. The rate of population growth
 2. Elderly population

C 1. Global temperature
 2. Wildfire

D 1. Altitude
 2. Air pressure

37. Increasing the first factor leads to a decrease in the second factor is

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

38. The pair of topics that does **not** have a direct relationship between each other is,

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

39. Increase in the first factor leads to an increase in the second factor and the increase of second factor leads to increase in first factor is,

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

40. The pair of topics that causes an increase in the first factor leads to an increase of the second factor is,

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

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61 - 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

1. (a) Study the 1:50000 topographical map section provided and answer the questions based on that. In answering, use the paper provided to you for questions from No (i) to (v) select the appropriate answer from the parentheses and write it.
- i. What is represented by **A**?
- (Broad Gauge Double line / Narrow Line / Broad Gauge Single line) (01 Mark)
- ii. What is represented by **B**?
- (Province boundary / District boundary / Urban Council boundary) (01 Mark)
- iii. What is the line represented by **C**?
- (Bathymetrical line / Contour line / Intermediate contour lines) (01 Mark)
- IV What is the drainage feature represented by **D**?
- (Meander / Delta / River Mouth) (01 Mark)
- V Name **three** institutions that provide public services in the built up area. (03 Marks)

- Study the map given below and mark whether the following statements are correct or incorrect by circling “C” if correct and “W” if incorrect.

- vi. The paddy cultivation of this region is conducted by using river water. C / W
- vii. The number of people living in the square marked as 1 on the map, are Buddhists. C / W
- viii. The ferry is represented by No 2 in the given Map. C / W

(03 Marks)

(a)



1:50,000

(b). 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. Three English letters are given in front of each question from (i) to (v). Select the letter that indicates the correct answer from the world map and write it in the adjacent box.

- i. The ocean area that Hurricanes occur - H I K
- ii. Secondary World Population concentration zone around the Nile Estuary in Africa. - L M N
- iii. Kenya which became popular for tea cultivation recently. - O P S
- iv. The river valley of Murray Darling - T V W
- v. The mountain range of Altai - X Y Z

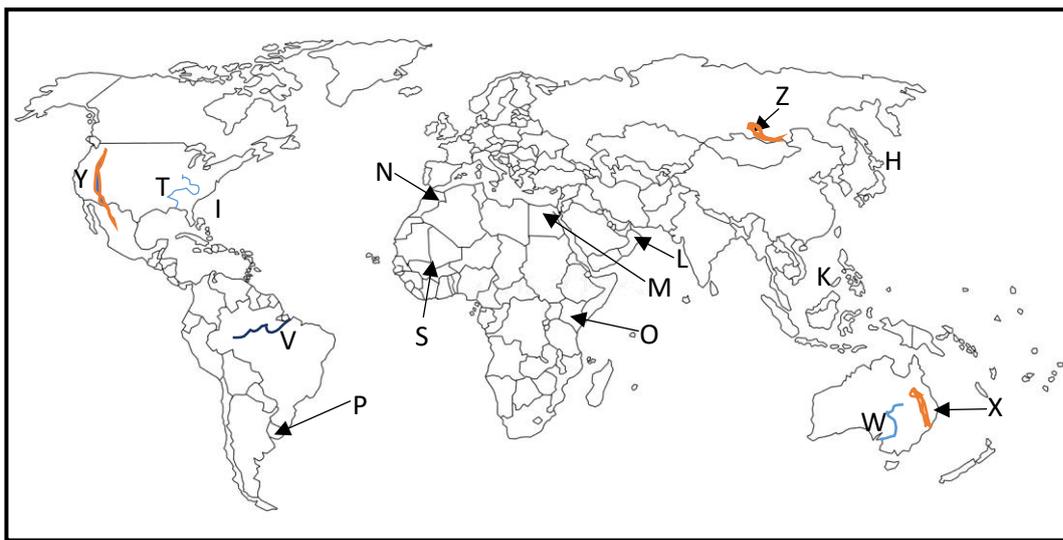
(05 Marks)

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. Three English letters are given in front of each question from (i) to (v). Select the letter that indicates the correct answer from the map of Sri Lanka and write it in the adjacent box.

- i. The paddy research institute in Bombuwala - A B C
- ii. The fish loading center is in Kokilai - D E F
- iii. Katugampola, the export village for Betel - G H I
- iv. Mulativu District - J K L
- v. Dediyaigala Forest Reserve - M N O

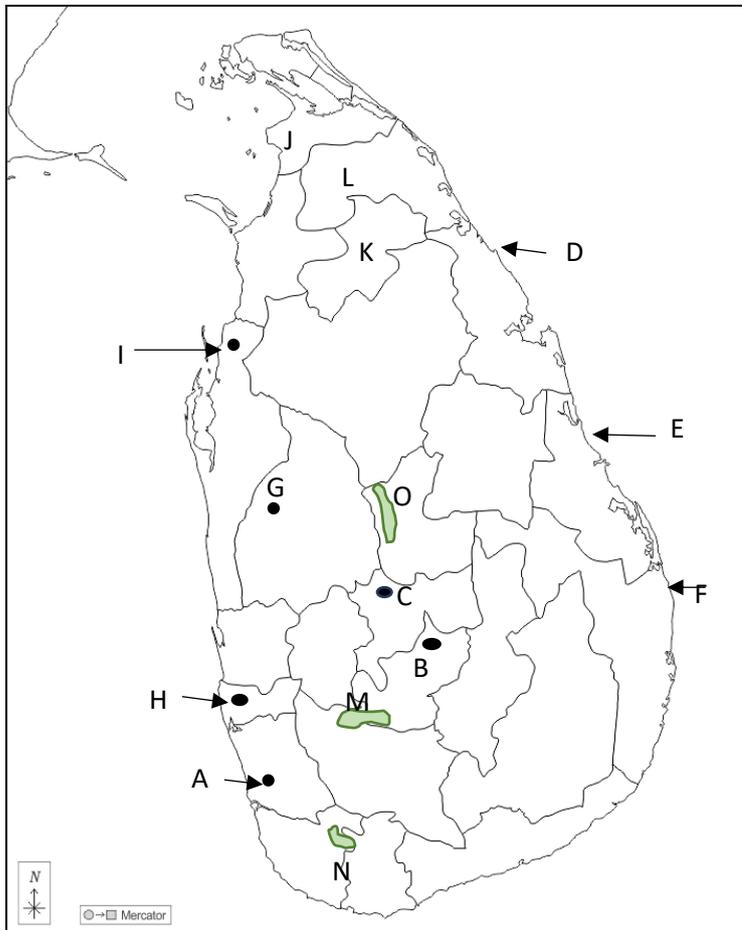
(05 Marks)

(a)



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

(c)



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

B

1. a) 10 (b) 5 (c) 5 20

Part - II

2. This figure shows a cross section of a soil profile.

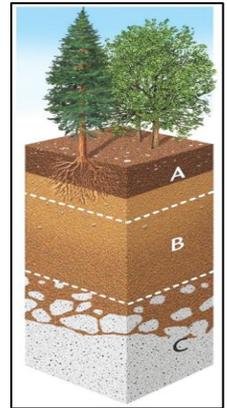
i) (a) Which letter shows the layer of Humus?

(b) Name the letter that shows the layer of Mineral salts and clay particles? (2 Marks)

ii) Mention **three** occasions that Graphite is used for local industries. (3 Marks)

iii) (a) Name **three** environmental issues that can occur due to unlimited consumption of mineral resources.

(b) Briefly explain the influence on the environment by **one** of the above mentioned issues. (5 Marks)



3. i) Considering the paddy cultivation in Sri Lanka,

(a) Name the district that has the least amount of land used for paddy cultivation.

(b) What is the district that has the largest amount of land allocated to paddy cultivation? (2 Marks)

ii) Name **three** main zones of paddy cultivation in Sri Lanka. (3 Marks)

iii) (a) Mention **three** reasons for the decrease of coconut production recently in Sri Lanka.

(b) Suggest a method you can think of, to increase the production of coconut cultivation. (5 Marks)

4. i) What is meant by “Manufacturing Industries?” (2marks)

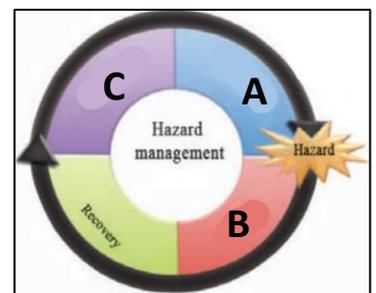
ii) As a factor that influence the location of an industry, name **three** raw materials. (3 Marks)

iii) Briefly explain **two** reasons for the increasing demand for the hybrid and electrical vehicles at present. (5 Marks)

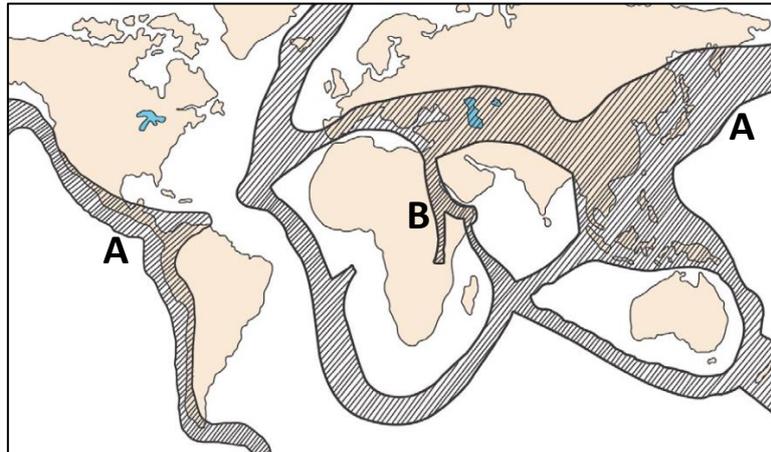
5. i) According to the china clay industry, name a location where,
(a) Kaolin
(b) Feldspar are found in Sri Lanka (2 Marks)
- ii) Name **three** products related to petro - chemical industry. (3 Marks)
- iii) (a) Write down **three** problems we have faced in petro - chemical industry due to the crisis of mineral oil at present.
(b) Explain **one** of the above problems you mentioned . (5 Marks)
6. i) Considering the population, write **two** important aspects that can be identified for,
(a) a feature that receive at birth,
(b) a feature that is received later. (2 Marks)
- ii) Name **three** reasons for the decrease in the annual population growth rate in Sri Lanka. (3 Marks)
- iii) Write down **two** reasons for the increase of the population growth rate in the districts Gampaha and Kalutara which are in the wet zone. (5 Marks)
7. i) Define Natural Disasters. (2 Marks)
- ii) Categorize the following disasters:
(Earthquakes, Drought, Epidemics, Lightening, Volcanoes, Extinction of animals in large scale)
(a). Geographical hazards -
(b). Climatic hazards -
(c). Biological hazards - (3 Marks)
- iii) (a) Name **three** procedures of Disaster Management Cycle shown as A, B and C.

- (b) Name **two** implementations that can be taken in the stage of recovery according to the Disaster Management Cycle.

(5 Marks)



8. i) Name the Zones A and B in the following map which indicate major Earthquake Zones in the world. (Marks 2)



- ii) Mention **three** harmful gases that influence the increase of global warming. (3 Marks)
- iii) (a) Name **two** impacts of climatic changes on human activities.
- (b) Write **three** actions that can be taken to minimize climatic changes. (5 Marks)