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Department of Examinations, Sri Lanka

**2562 – Mulika Piriven Final Examination – 2018 December**  
(New Syllabus)

**NEW**

**10 | E | I, II**

Three hours

(10) Geography – I, II

2018.12.28 (12.30-15.40)

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.

**Index No.:**

.....

### Geography – Paper I

- \* This question paper consists of **40** questions. (01×40=40 marks)
- \* Answer **all** questions **on this question paper itself** according to the instructions given for each question.

- For blank in each question from No. 1 to 10, select the **appropriate answer** from the parentheses and write it **on the dotted line**.

1. .... is a plant species widely distributed in the coastal regions of Sri Lanka.  
(Shrubs, Mangroves, Grass)
2. The sea boundary that does not exceeds 12 nautical miles from the coastline is known as  
..... . (territorial seas, adjacent zone, special economic zone)
3. .... could be stated as a local factor that controls climate.  
(Ocean Currents, Earth's Inclination, Relief)
4. The major Asian country that produces world's wheat is .....  
(India, Pakistan, China)
5. It is from the ..... industry that Sri Lanka earns the highest export income.  
(Petro - chemical, garment, electronic)
6. .... is a geological hazard.  
(Earthquake, Drought, Insect hazard)
7. .... is used to measure the speed of wind.  
(Richter scale, Barometer, Anemometer)
8. .... is a cultural feature depicted in a 1 : 50000 topographic map.  
(Forest, Irrigation channel, River)
9. Data that represent a certain location in a Geographic Information System are known as  
..... data.  
(spatial, aspatial, local)
10. To represent the ethnic composition of a particular country ..... graph  
is most suitable. (bar, line, circular)

[ See page two.

● Read the statement given in each question from No. 11 to 15 and circle 'T' if it is correct and circle 'F' if it is incorrect.

11. The latitudinal location of a particular country is the main factor that determines the temperature in that country. ( T / F )
12. A distance of 3 km on the earth's surface is shown by 9 cm in a 1:50 000 topographic map. ( T / F )
13. The paddy cultivation practised in highland areas is known as terraced cultivation. ( T / F )
14. In Russia the coniferous forests are called 'Taiga'. ( T / F )
15. In Sri Lanka it is in the rural areas that the highest density of population is found. ( T / F )

● From No. 16 to 20, complete the questions by filling the blanks with suitable words.

16. Over 25% of the total population of Sri Lanka is distributed in the ..... Province.
17. Field rotation and mixed farming are the characteristics of the ..... cultivation in the Dry Zone of Sri Lanka.
18. Of the seven major tourism zones of Sri Lanka, Dambulla town is located in the ..... zone.
19. Kahatagaha and Kolongaha are two locations where ..... mineral deposits are found.
20. In 1971 ..... Convention was ratified for world's wetland conservation.

● For questions from No. 21 to 40, select the correct answer and write its number in the adjacent parenthesis.

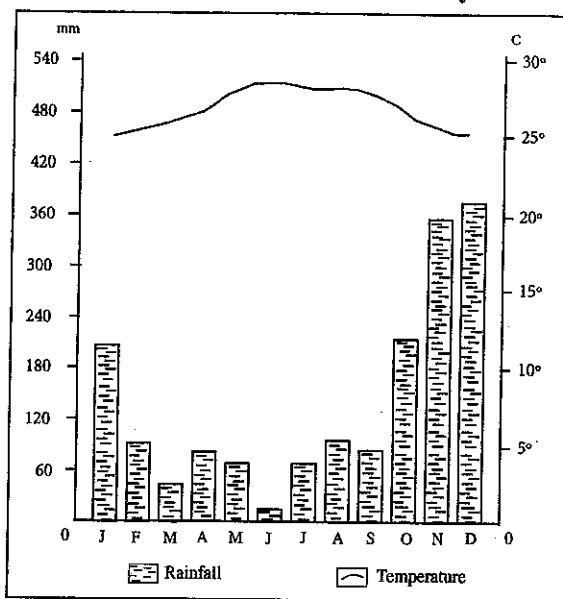
21. Which of the following is an example for a sedimentary rock?  
(1) Granite                      (2) Basalt                      (3) Sandstones                      (4) Graphite                      (.....)
22. Select the answer that shows two Strict Natural Reserves in Sri Lanka.  
(1) Yala and Sinharaja  
(2) Hakgala and Wasgomuwa  
(3) Hakgala and Ritigala  
(4) Wilpattuwa and Minneriya                      (.....)
23. What is the Soil type formed due to the situation associated with river flooding?  
(1) Alluvial soils                      (2) Red Brown Earth  
(3) Podzolic soils                      (4) Gramuzols                      (.....)
24. Select the option that contains only primary industries.  
(1) Fisheries, iron and steel, mining  
(2) Iron and steel, construction, forestry  
(3) Fisheries, mining, forestry  
(4) Construction, fisheries, mining                      (.....)



25. The Rubber Research Institute of Sri Lanka is located at,  
(1) Lunuwila (2) Agalawatta  
(3) Talawakele (4) Yatiyantota (.....)
26. What is the name given to the cyclones blown across the North Atlantic Ocean region?  
(1) Willy Willis (2) Typhoon  
(3) Bagio (4) Hurricane (.....)
27. The first Export Processing Zone in Sri Lanka is  
(1) Katunayake (2) Biyagama  
(3) Koggala (4) Pallekelle (.....)
28. What is the main mineral used to produce cement in Sri Lanka?  
(1) Ilmenite (2) Graphite  
(3) Limestone (4) Kaolin (.....)
29. The raw material which was widely used to produce machinery at the early stages of the industrial Revolution was,  
(1) Aluminium (2) Iron  
(3) Steel (4) Copper (.....)
30. The two leading Asian countries where the electronic industry is distributed are,  
(1) China and Malaysia (2) China and Singapore  
(3) China and Taiwan (4) China and Japan (.....)
31. The salient feature of the world's population growth rate after the year 1950 has been,  
(1) the low rate of growth in developing countries.  
(2) the high rate of growth in developed countries.  
(3) the high rate of growth in developing countries.  
(4) a negative rate of growth in developing countries. (.....)
32. On the basis of what matter that contained in an unit of air the humidity is calculated?  
(1) Dust (2) Water vapor  
(3) Oxygen (4) Frost (.....)
33. The largest amount of Sri Lanka's tea is exported to,  
(1) Middle-East Region  
(2) European Region  
(3) Southeast Asian Region  
(4) North American Region (.....)
34. What is the manufacturing Industry that widely uses the raw materials such as Titanium and Aluminium?  
(1) Motor vehicles (2) Air crafts  
(3) Ship building (4) Fisheries crafts (.....)

- Use the following graph to answer the question from No. 35 to 38.

Annual temperature and rainfall in a city of Sri Lanka.



- What is month that records the highest temperature and lowest rainfall in this town?  
 (1) January            (2) March            (3) June            (4) December            (.....)
- Select the answer that shows two months with rainfall over 100 mm.  
 (1) January and February            (2) February and August  
 (3) September and October            (4) January and November            (.....)
- According to the information indicated in the graph to which climatic zone of Sri Lanka does this city belong?  
 (1) Lowland Dry Zone            (2) Lowland Wet Zone  
 (3) Highland Wet Zone            (4) Semi-Arid Zone            (.....)
- From which rainfall method does this city receive the highest rainfall?  
 (1) South West Monsoon            (2) North East Monsoon  
 (3) Convections            (4) Inter Monsoon            (.....)

- Use the following pairs of statements to answer the questions No. 39 and 40.

- |                             |                            |                      |
|-----------------------------|----------------------------|----------------------|
| A. (i) Education facilities | B. (i) Elevation           | C. (i) Birth Rate    |
| (ii) Literacy               | (ii) Temperature           | (ii) Aged Population |
| D. (i) Number of Vehicles   | E. (i) Use of Insecticides |                      |
| (ii) Air Pollution          | (ii) Quality of Food       |                      |

- What is the answer that contains the pair in which an increase in one factor directly results in an increase in the second factor?  
 (1) A and B            (2) A and C            (3) A and D            (4) B and C            (.....)
- What is the answer that contains the pair in which an increase in one factor directly results in a decrease in the second factor?  
 (1) A and D            (2) A and E            (3) B and C            (4) B and E            (.....)

\* \*

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## 2562 – Mulika Piriven Final Examination – 2018 December

**NEW**

(New Syllabus)

**10 | E | I, II**

(10) Geography – I, II

**Geography – Paper II**

- \* This question paper consists of two parts as I and II.
- \* Answer all questions given in **part I** and **four** other questions in **part II**.
- \* The total number of questions that should be answered is **five**.

### Part I

1. (a) Study the 1:50 000 topographic map section provided to you (**Annex 01**) and answer the questions based on that. In answering use the paper (**page 08**) provided to you.

For questions from No (i) to (v) select the appropriate answer from the parentheses.

- (i) What is indicated by letter **(A)**?  
(latitude value / longitude value / coordinate value) (01 mark)
- (ii) What is the feature indicated by letter **(B)**?  
(forest reserve boundary / marsh / sandy plane) (01 mark)
- (iii) What is the feature indicated by letter **(C)**?  
(Municipal council boundary / other road / foot path) (01 mark)
- (iv) What is the feature indicated by letter **(D)**?  
(Grama Niladhari Division boundary / Irrigation channel / Railway line) (01 mark)
- (v) What is the length of the B 556 road in the northern boundary of the map area?  
(2.5 km / 04 km / 6.5 km) (01 mark)
- (vi) Name **two** government institutions indicated by symbols in the quadrat No. **(1)** of the map.
- (vii) What is the elevation of the highest location in the map area in metres? (~~01~~ marks)
- (viii) Give **two** contributory reasons for the abundance of paddy lands in the middle of the map area. (02 marks)

- (b) Study the outline map of Sri Lanka provided to you and answer the questions given below. (**Annex 2**)

- Select the **letter** from the map that shows the correct answer from the three English letters given opposite to each questions from No. (i) to (v) and write it **in front of each question number** given in the special paper (**page 08**) provided.

- (i) Delft island (A, B, C)
- (ii) Sinharaja Forest (D, E, F)
- (iii) Eppawala Phosphate deposit (G, H, J)
- (iv) Hikkaduwa coast line (K, L, M)
- (v) Senanayaka Samudra (P, Q, R)

(01×5 = 05 marks)

- (c) Study the outline map (**Annex 03**) of the world provided and answer the questions given below.

[ See page six.

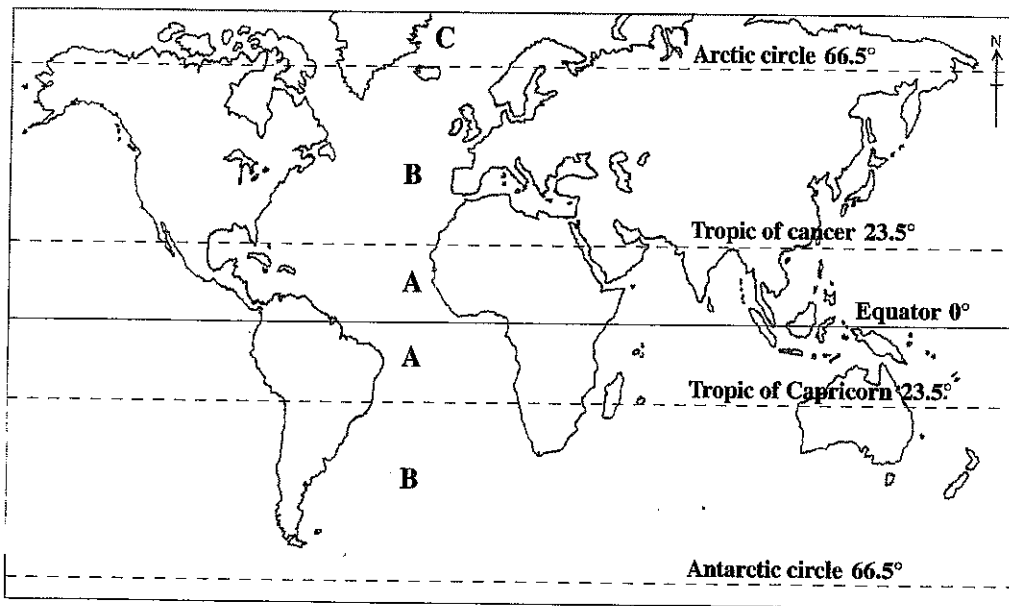
- Select the **letter** from the map that shows the correct answered from the three English letters given in opposite to each question from No. (i) to (v) and write it **in front of each question number** given in the special paper (**Page No. 8**) provided.

- (i) Sahara Desert (A, B, C)
- (ii) Great Dividing Range (D, E, F)
- (iii) Amazon Forest (G, H, J)
- (iv) City of London (K, L, M)
- (v) Japan (P, Q, R)

(01×5 = 05 marks)

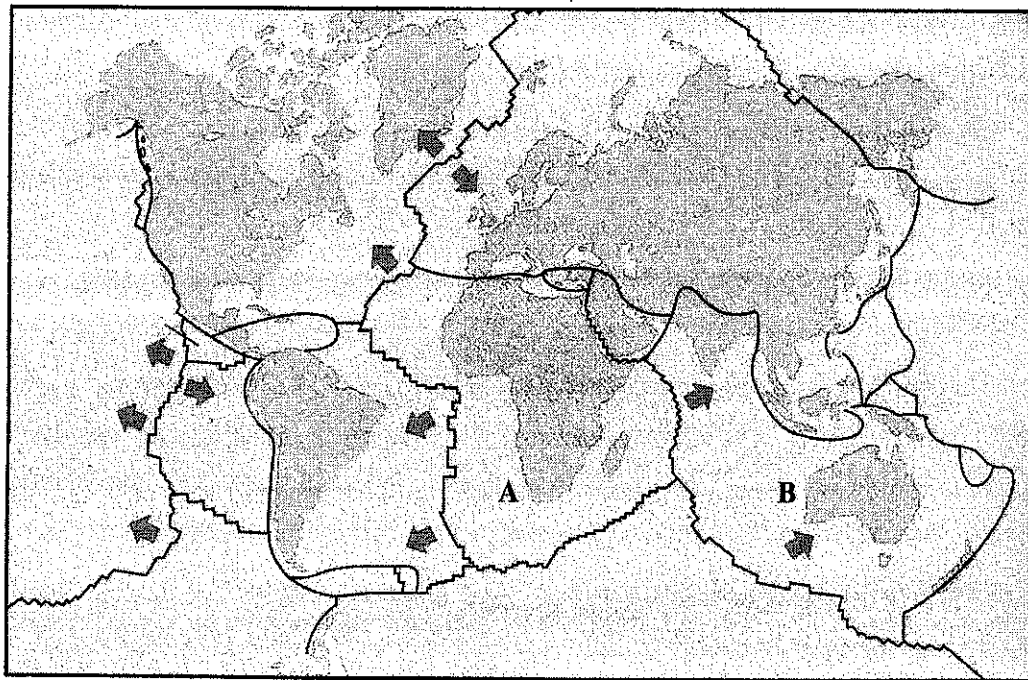
**Part II**

- 2. The distribution of major climatic zones of the world is shown as A, B and C in the map given below.



- (a) Name the **two** zones 'B' and 'C' shown in the map respectively. (02 marks)
  - (b) Name zone 'A' and state **two** climatic characteristics of it. (03 marks)
  - (c) (i) Name the main food crop cultivated in the river valleys in zone 'A'.  
(ii) State **two** problems associated with the cultivation of that crop and explain **one** of them. (05 marks)
- 3. (a) Name **two** biotic natural resources. (02 marks)
  - (b) Name **three** factors that effect soil formation. (03 marks)
  - (c) State **three** soil conservation strategies adopted in Sri Lanka and explain **one** of them. (05 marks)
- 4. (a) Name respectively a leading Asian country and an European country in motor vehicle industry. (02 marks)
  - (b) State **three** factors that affect the location of motor vehicle industry. (03 marks)
  - (c) State **three** recent trends in the motor vehicle industry and describe **one** of them. (05 marks)

5. (a) Name **two** products each associated with the rubber and coconut cultivation in Sri Lanka. (02 marks)
- (b) Name **three** districts each where
- (i) Rubber
  - (ii) Coconut
- cultivated in Sri Lanka. (03 marks)
- (c) Explain with the aid of **three** factors how the minor export crop cultivation contributes to the economic development of Sri Lanka. (05 marks)
6. (a) Name respectively the **two** countries where a highest number of people of the world live. (02 marks)
- (b) State **three** reasons for the emergence of the densely populated regions in the world. (03 marks)
- (c) State **two** problems arisen due to high population density in the urban areas of Sri Lanka and describe **one** of it. (05 marks)
7. (a) Name respectively the **two** tectonic plates denoted by letters A and B in the map (02 marks)



- (b) State **three** factors that would result in a Tsunami situation. (03 marks)
- (c) Explain **two** measures that should be taken during the preparedness stage of the Disaster Management Cycle in order to **minimize** the damage that occur during a Tsunami disaster. (05 marks)
8. (a) Identify what is 'environmental ethics'. (02 marks)
- (b) State **three** human activities that adversely affect the environment. (03 marks)
- (c) State **three** Buddhist teachings on the protection of environmental ethics and describe **one** of them with examples. (05 marks)

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(New Syllabus)

**(10) Geography - Paper II**

Use this paper to answer the question 1.(a), (b), (c) in part I of paper II. Annex this to your answer script.

Index No.: .....

Examiner's use only.

- |                  |                          |                          |
|------------------|--------------------------|--------------------------|
| 1. (a) (i) ..... | <input type="checkbox"/> |                          |
| (ii) .....       | <input type="checkbox"/> |                          |
| (iii) .....      | <input type="checkbox"/> |                          |
| (iv) .....       | <input type="checkbox"/> |                          |
| (v) .....        | <input type="checkbox"/> |                          |
| (vi) .....       | <input type="checkbox"/> |                          |
| .....            | <input type="checkbox"/> |                          |
| (vii) .....      | <input type="checkbox"/> |                          |
| (viii) .....     | <input type="checkbox"/> |                          |
| .....            | <input type="checkbox"/> | <input type="checkbox"/> |
| 1. (b) (i) ..... | <input type="checkbox"/> |                          |
| (ii) .....       | <input type="checkbox"/> |                          |
| (iii) .....      | <input type="checkbox"/> |                          |
| (iv) .....       | <input type="checkbox"/> |                          |
| (v) .....        | <input type="checkbox"/> | <input type="checkbox"/> |
| 1. (c) (i) ..... | <input type="checkbox"/> |                          |
| (ii) .....       | <input type="checkbox"/> |                          |
| (iii) .....      | <input type="checkbox"/> |                          |
| (iv) .....       | <input type="checkbox"/> |                          |
| (v) .....        | <input type="checkbox"/> | <input type="checkbox"/> |

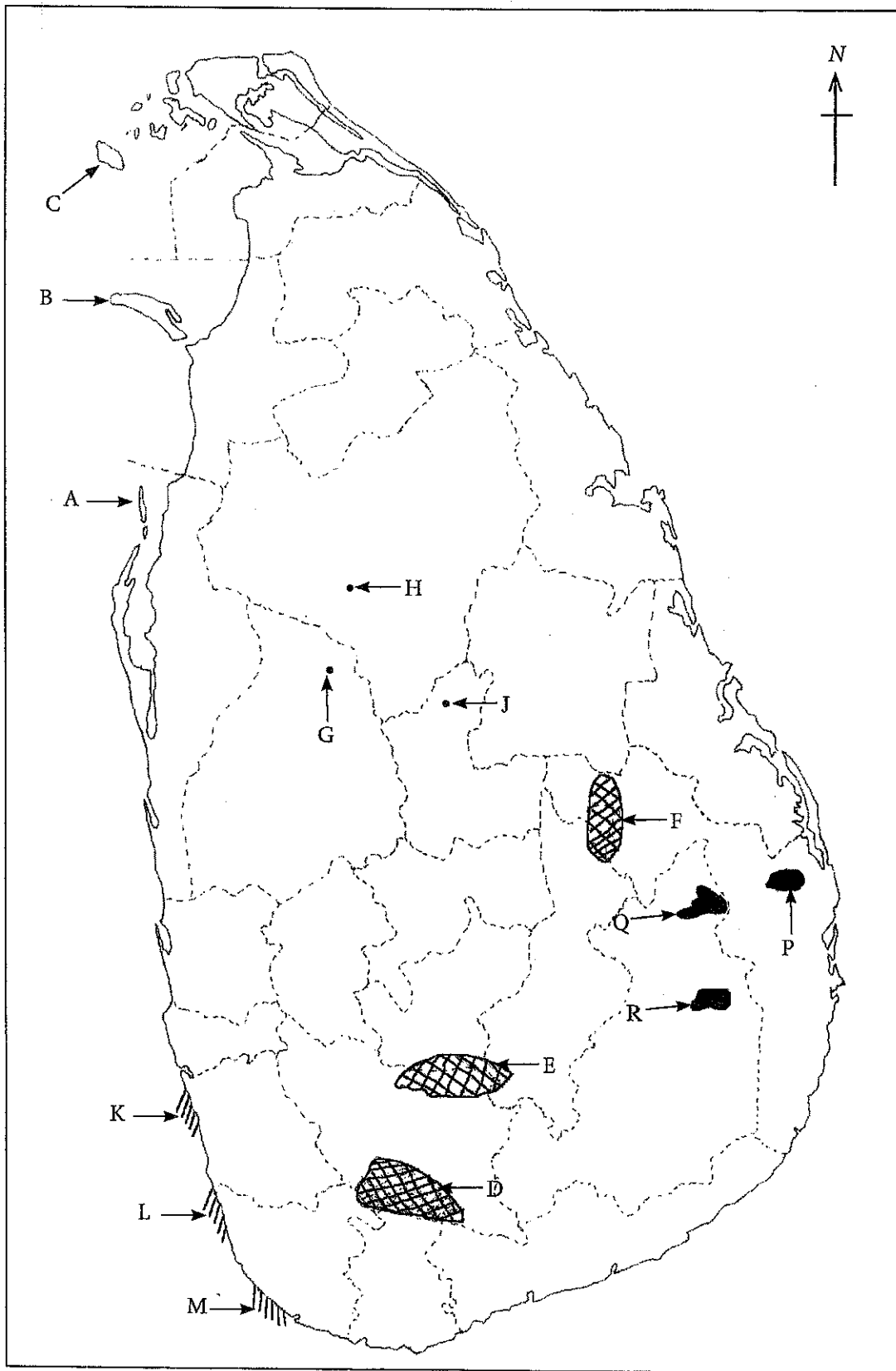
Total Marks



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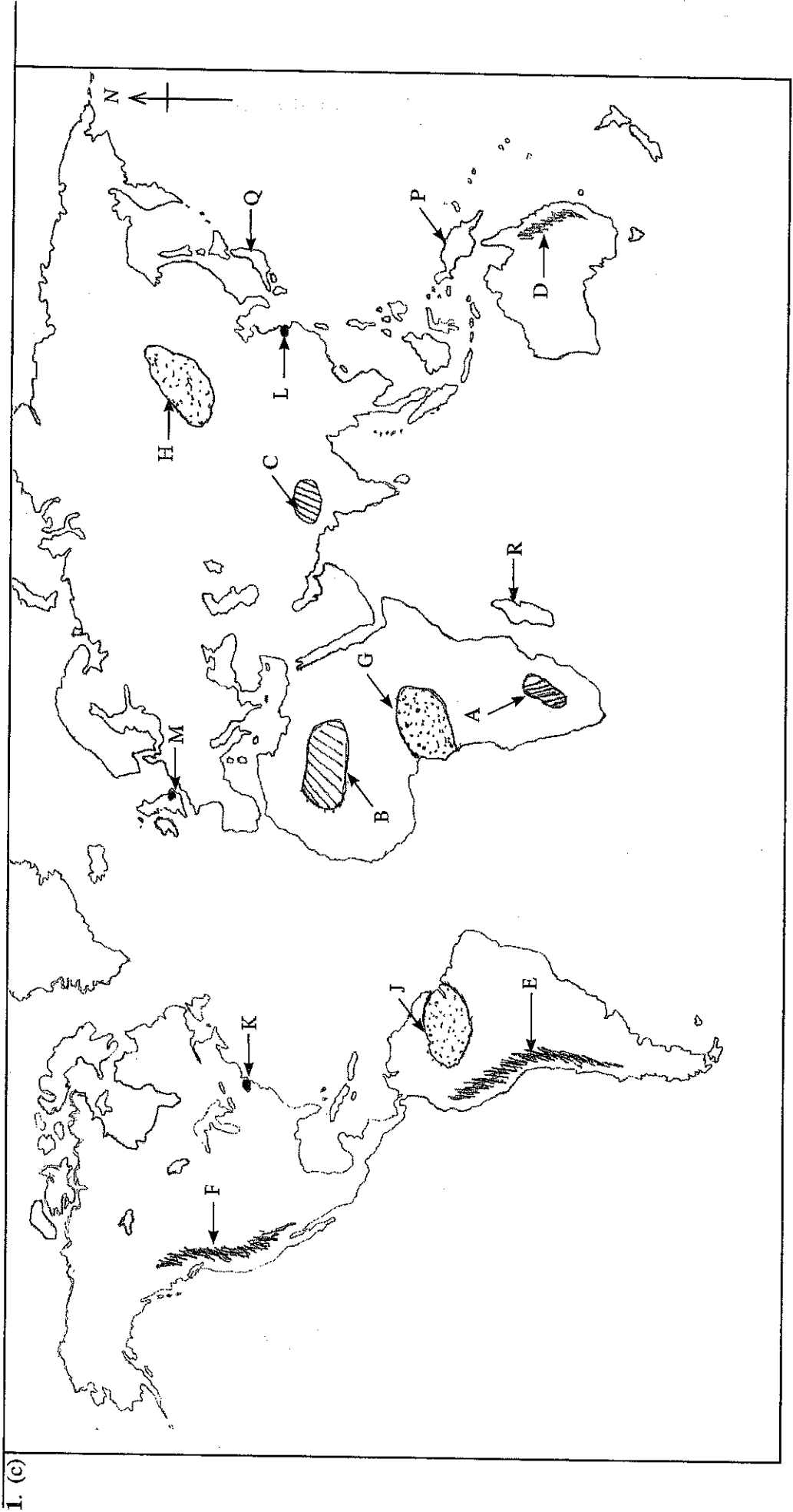
**(10) Geography – Paper II**

1. (b)



**2562 – Mulika Piriven Final Examination – 2018 December**  
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**(10) Geography – Paper II**



I. (c)