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Department of Examinations, Sri Lanka

2563 – Mulika Piriven Final Examination – 2019 December

NEW

(New Syllabus)

10 | E | I, II

(10) Geography - I, II

| Question No. | Marks |
|--------------|-------|
| 1 - 9 | |
| 10 - 23 | |
| 24 - 34 | |
| 35 - 40 | |
| Total Marks | |

Three hours

2019.12.26 / 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.

Geography - Paper I

Index No. :

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

- For questions from No. 1 to 10 select the **appropriate answer** from parantheses and write it **on the dotted line**.
1. The maximum length of Srilanka is 432 km. That length has been measured from Point Pedro to
(Point Fowl, Dondra head, Sangaman head)
 2. The amount of water vapor contained in air is known as
(humidity, airpressure, transpiration)
 3. In the months of November, December and January the season arrives in the countries of the Northern Hemisphere.
(Summer, Spring, Winter)
 4. The area of sea upto 200 nautical miles from the coast of Sri Lanka has been named as its
(territorial sea, adjacent sea, specific economic zone)
 5. The intensity of an earthquake is measured by
(Barometer, Richter Scale, Baufort Scale)
 6. The vegetation zone of the world with highest bio - diversity is
(savanna, tropical rain, corniferous)
 7. The major Asian country where commercial dairy farming is practiced is
(India, Pakistan, China)
 8. Apart from Asia the continent in which the highest number of people lives is
continent.
(Europe, North America, Africa)
 9. is a major raw material used in various industrial productions in the world.
(Tea, Rubber, Coconut)

[see page two

10. could be considered as a major Buddha Sermon that presents very important measures to be followed in development.

(Vanaropana, Sigalovada, Mahanama)

● For questions from No. 11 to 15 read the statement given for each question and circle C if it is correct and circle W if it is incorrect.

11. Sedimentary rocks are formed by the solidification of magma coming out to the surface from the earth's interior. (C / W)

12. Conservation of resources means their protection for future generations while fulfilling current human needs. (C / W)

13. Bogala mines located in the Kegalle district is famous for graphite (C / W)

14. The Red Brown Latasol soils are distributed in the Dry Zone of Sri Lanka. (C / W)

15. Earthquakes could occur on land as well as in the bottom of the ocean. (C / W)

● Complete the questions from No. 16 to 20 by filling the blanks with suitable words.

16. The cyclones that occur in the Western Pacific Ocean are known as

17. The major types of stable gas essential for the existence of life are Oxygen and

18. The lightning discharged between the earth and clouds and cause disasters to man is known as lightning.

19. Television and the Internet could be considered as audio visual media.

20. The area between Tangalle, Ranna and has been named as the Minor Coconut Triangle.

● For questions from No. 21 to 40 select the correct answer for each question and write its number in the parenthesis against it.

21. A paddy cultivation region outside Asia where machinery is widely used in cultivation is,

- (1) Madagascar.
- (2) Eastern coastal region of Brazil.
- (3) Murray - Darling river region in Australia.
- (4) River Po area in Italy. (.....)

22. For which of the following cultivation the Loam and Laterite soils are suitable?

- (1) Tea
- (2) Rubber
- (3) Paddy
- (4) Wheat (.....)

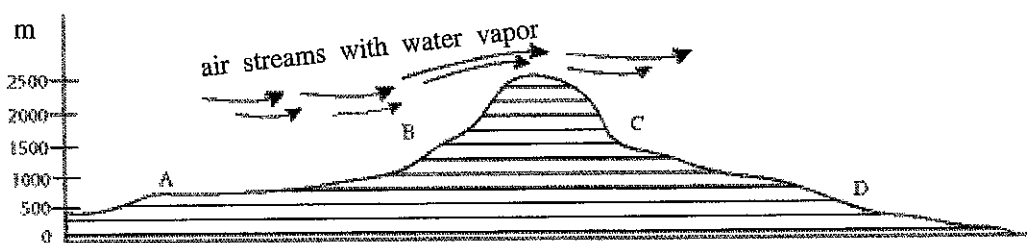
23. An industry which is growing rapidly with modern technological inventions is,

- (1) Garment Industry
- (2) Tourism Industry
- (3) Steel Industry
- (4) Electric Industry (.....)



24. What could be found by dividing the size of population of a particular region by its area?
(1) Growth of Population (2) Density of Population
(3) Composition of Population (4) Distribution of Population (.....)
25. The rate of growth of population of Sri Lanka since the year 2000 was,
(1) increasing. (2) decreasing.
(3) remaining unchanged. (4) showing a negative value. (.....)
26. The appetite mineral in Sri Lanka used for the production of fertilizer has distributed in,
(1) Pulmoddai. (2) Balangoda.
(3) Eppawala. (4) Matale. (.....)
27. What is the method from which Sri Lanka receives rainfall in the months of March and April?
(1) Southwest monsoons (2) Northwest monsoons
(3) Cyclones (4) Convection (.....)
28. Select the answer which contains only National Parks?
(1) Maduru Oya, Uda Walawa (2) Hakgala, Ritigala
(3) Somawathi, Giritala (4) Sinharaja, Knuckles (.....)
29. What is the drainage pattern in the upper course of the Kalu Ganga flowing through longitudinal ridges?
(1) Radial (2) Dendritic (3) Annular (4) Trellis (.....)
30. At present, airplanes are manufactured mostly for,
(1) Cargo transportation. (2) Passenger transportation.
(3) Military purposes. (4) Exploration Purposes. (.....)
31. To which stage of the Disaster Management Cycle do the functions such as forecasting, announcements of emergency situations etc. belong?
(1) Preparedness (2) Response (3) Recovery (4) Mitigation (.....)
32. What is the name given to the technological system invented to correctly identify the location of any place or morphometry of the Earth?
(1) Geographical Information Systems (2) Spatial Data System
(3) Global Positioning System (4) Areal Photograph Planning System (.....)

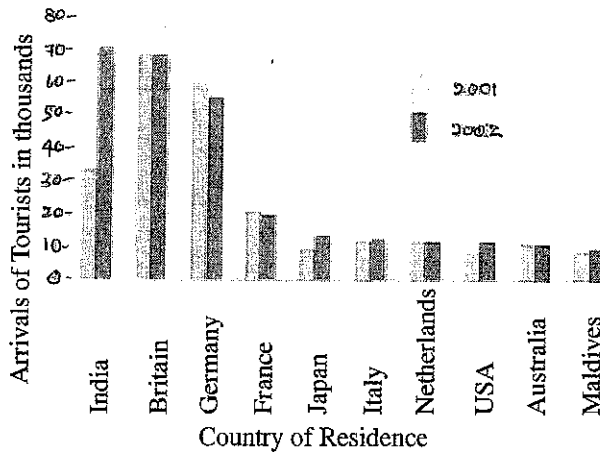
● Use the diagram below to answer the questions No. 33 and 34



33. The area that receives the highest amount of rainfall is,
(1) A (2) B (3) C (4) D (.....)
34. The area known as the leeward side is,
(1) A and B (2) B and C (3) C and D (4) A and D (.....)

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

Arrivals of Tourists in Sri Lanka by the Ten major markets in 2001 and 2002.



Source : Sri Lanka Tourist Board

- 35. Among the countries that show an increase in the number of tourists arrived in Sri Lanka in 2002 compared to 2001, which country shows the highest increase?
(1) India (2) Japan
(3) United States of America (4) Maldives (.....)
- 36. The country from which the highest number of tourists arrived in Sri Lanka in both 2001 and 2002 was,
(1) India. (2) Germany. (3) Britain. (4) France. (.....)
- 37. Select the answer with the correct statement from the following,
(1) It is only one country that exceeded 30,000 tourist arrivals in each year.
(2) In both years the number of tourist arrivals from the Maldives exceeded that from Australia.
(3) Of the ten major countries from which tourists arrived the majority is in European Continent.
(4) In both years an equal number of tourists has arrived from France and Australia. (.....)
- 38. What is the name given to the type of graph given above?
(1) Linear Graph (2) Vertical Bar Graph
(3) Horizontal Bar Graph (4) Pie Chart (.....)

- Use the five pairs of factors given below to answer the questions No. 39 and 40

- A. (i) Development activities B. (i) Educational Facilities
(ii) Poverty (ii) Aged Population
- C. (i) Global Temperature D. (i) Water Pollution
(ii) Ocean Water Level (ii) Clean Water
- E. (i) Health Facilities
(ii) Life Expectancy

- 39. What is the answer with the pair of factors indicating that an increase in the first will result in an increase in the second?
(1) A and B (2) B and C (3) C and D (4) C and E (.....)
- 40. What is the answer with the pair of factors indicating an increase in the first will lead to a decrease in the second?
(1) A and B (2) A and D (3) B and C (4) B and E (.....)

(01 × 40 = 40 marks)

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2563 – Mulika Piriven Final Examination – 2019 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**.
- * Attach annexure No. **2** and **3** along with your answer script.

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 (**Annex 02**) provided to you.
For questions from No. (i) to (vi) select the appropriate answer from the parentheses.
- (i) What is the height of the mountain peak indicated by letter **(A)** ?
(less than 380m / between 380m - 400m / above 400m) (01 mark)
- (ii) The latitudinal value of the location indicated by letter **(B)** is,
(6° 45' / 81° 05' / 235) (01 mark)
- (iii) What is the landform shown by **(C) – (D)** line?
(gentle slope / steep slope / convex slope) (01 mark)
- (iv) What is the administrative boundary shown by letter **(E)** ?
(Provincial boundary / District boundary / Grama Niladhari Division boundary) (01 mark)
- (v) What is the type of land use shown by letter **(F)** ?
(Forests / Chena Cultivation / Home gardens) (01 mark)
- (vi) What is the length of the A4 Highway section that extends from the main junction to the Eastern boundary?
(4 km / 6 km / 7.5 km) (01 mark)
- (vii) What is the direction of flow of the river in the map area? (01 mark)
- (viii) Name **two** institutions that provide government services shown by symbols in the quadrilateral **(P)** (02 marks)
- (ix) State **one** reason that has influenced the distribution of settlements in the central part of the map area. (01 mark)
- (b) Study the outline map of Sri Lanka (**Annex 03**) provided to you and answer the questions given below.
- Select the **letter** from the map that shows the correct answer from the three English letters given against **each question** from No. (i) to (v) and write it in front of each question number given in **Annex 03**.
- (i) Yala National Park (A, B, C)
- (ii) Delft island (D, E, F)
- (iii) Arugam Bay Tourist Resort (G, H, J)
- (iv) Gin Ganga (K, L, M)
- (v) Talawakele Tea Research Institute (P, Q, R)

(c) Study the outline map of the World provided to you and answer the Questions given below (See Annex 03).

● Select the **letter** from the map that shows the correct answer from three English letters given against **each question** from No. (i) to (v) and write it in front of each question number given in Annex 03.

- | | |
|---------------------|-----------|
| (i) Rocky Mountains | (A, B, C) |
| (ii) Nile River | (D, E, F) |
| (iii) Beijing | (G, H, J) |
| (iv) North Sea | (K, L, M) |
| (v) Sumatra Island | (P, Q, R) |

Part II

2. (a) What is weather? (02 marks)
- (b) Name the **three** major climate zones of the world and select from the following the countries that belong to each of those zones,
Sri Lanka, Greenland, Germany (03 marks)
- (c) Explain with **three** examples how the climatic diversity of Sri Lanka has affected its foodcrop productivity. (05 marks)
3. (a) Name **two** forms of distribution of water resources of the world. (02 marks)
- (b) State **three** human activities that leads to water pollution. (03 marks)
- (c) Suggest **three** measures that could be adopted to conserve the water resources of Sri Lanka and explain **one** of them. (05 marks)
4. (a) (i) Name a cultivation that belongs to subsistence agriculture. (02 marks)
- (ii) Name a cultivation that belongs to commercial agriculture. (02 marks)
- (b) State **three** salient features that could be seen in dairy farming in the world. (03 marks)
- (c) State **three** steps that have been taken recently to develop tea cultivation in Sri Lanka and explain **one** of them. (05 marks)
5. (a) Name **two** factors that influence the location of industries. (02 marks)
- (b) Provide **two** examples for each of the following industries in Sri Lanka.
- | | |
|---------------------------------|------------|
| (i) Agro-based industries | |
| (ii) Mineral-based industries | |
| (iii) Service sector industries | (03 marks) |
- (c) State **three** advantages that Sri Lanka gains from tourism industry and selecting **one** of them explain how it impacts on development. (05 marks)

6. (a) State what is a disaster?

(02 marks)

(b) In the adjacent map of Sri Lanka three pairs of districts which are prone to disasters are shown as A, B and C.

Of them, select the pairs of districts that are prone to,

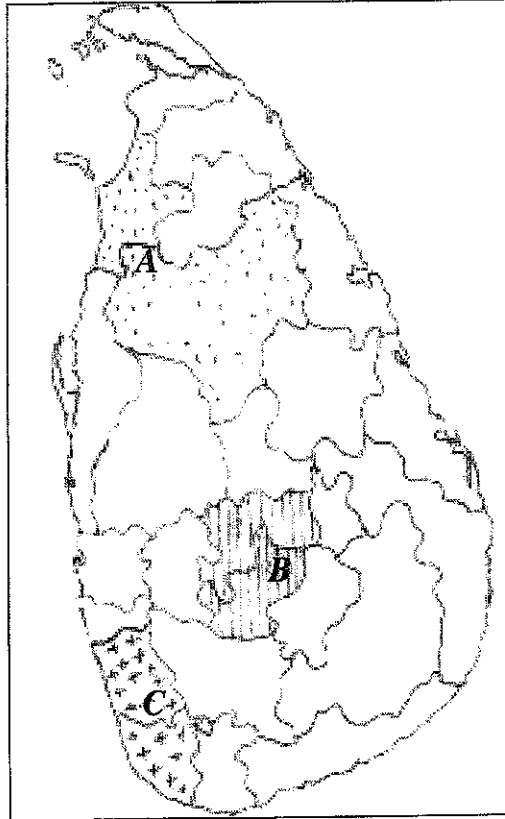
- (i) land slides
- (ii) floods
- (iii) drought

and write down the letter and the disaster appropriate to them.

(03 marks)

(c) "Human activities have been responsible more than natural factors for the intensification of disasters due to floods" Explain with **three** examples.

(05 marks)



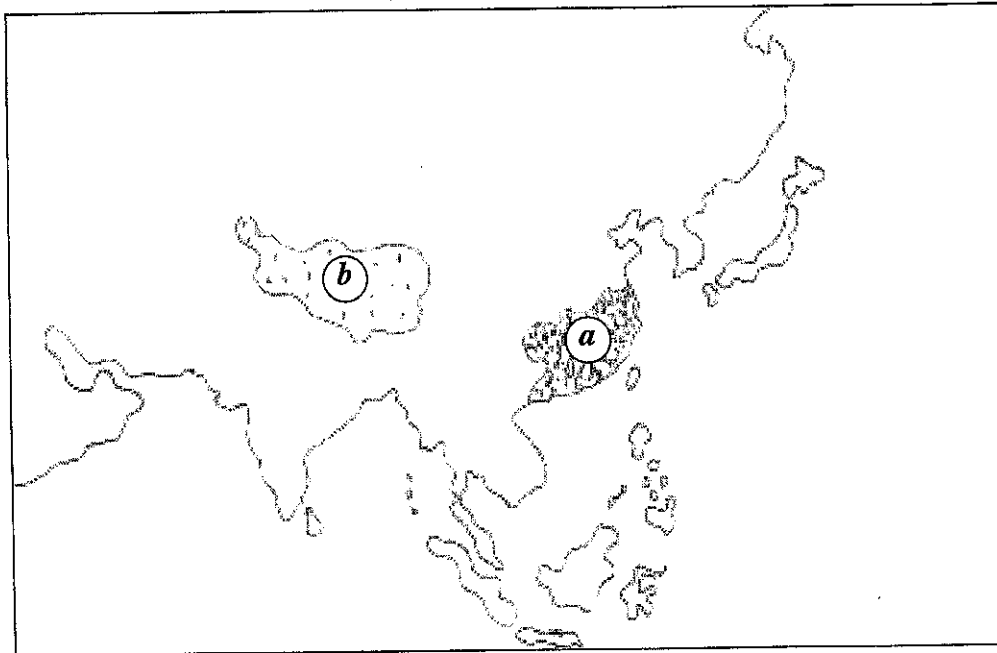
7. (a) Identify and name the

(a) densely populated region

(b) Sparsely population region

from the shaded areas of the adjacent map of Asia.

(02 marks)



(b) State, **two** reasons for (a) area to be densely populated.

State, **one** reason for (b) area to be sparsely populated.

(03 marks)

(c) State **three** recent trends associated with the population of Sri Lanka and explain one of them.

(05 marks)

8. (a) There are three stages that show how mankind has utilized the environment from one era to another, Name **two** of them. *(02 marks)*
- (b) State the major objective of each of the following global environmental conventions.
- (i) Rio Convention
 - (ii) Ramsar Convention
 - (iii) Montreal Protocol *(03 marks)*
- (c) Explain with **three** examples the teachings in Buddhism on the Respect to Life and Nature. *(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)

(ii)

(iii)

(iv)

(v)

(vi)

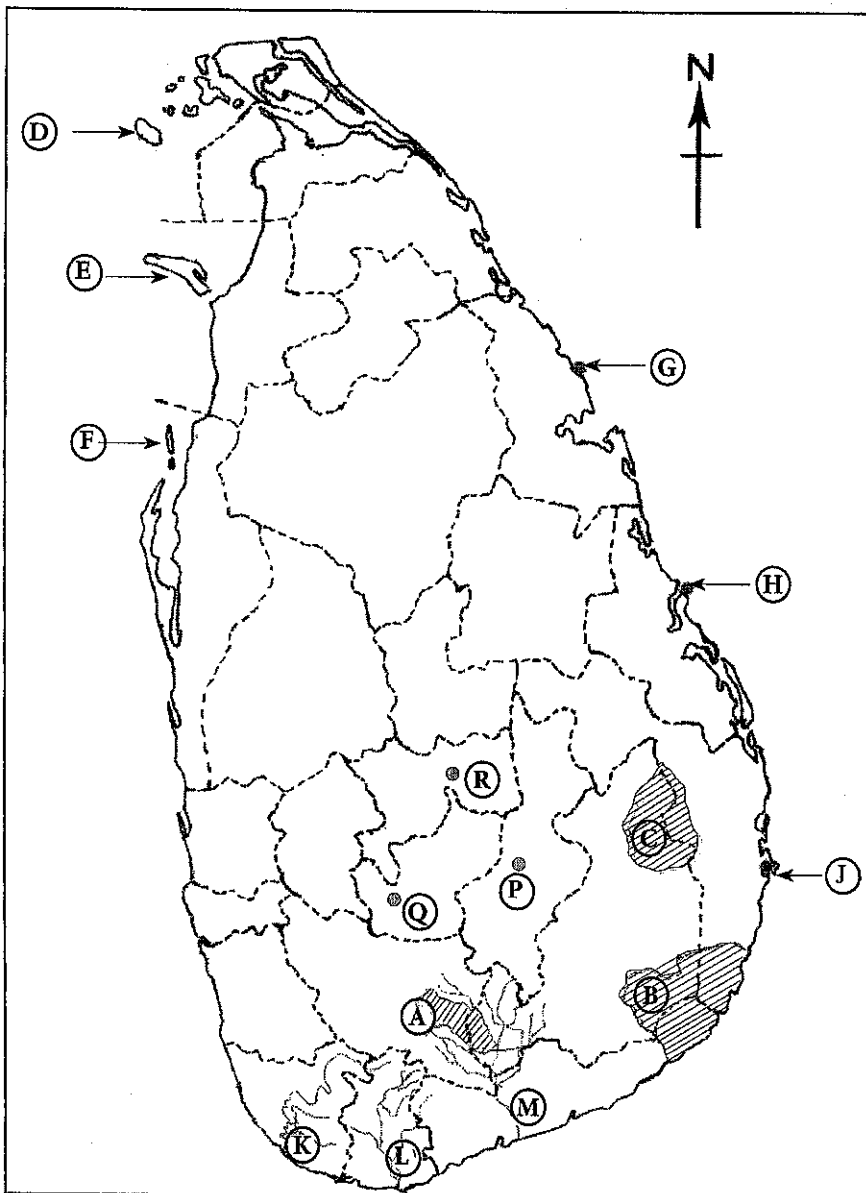
(vii)

(viii)

(ix)

Total Marks

1. (b)



(i)

(ii)

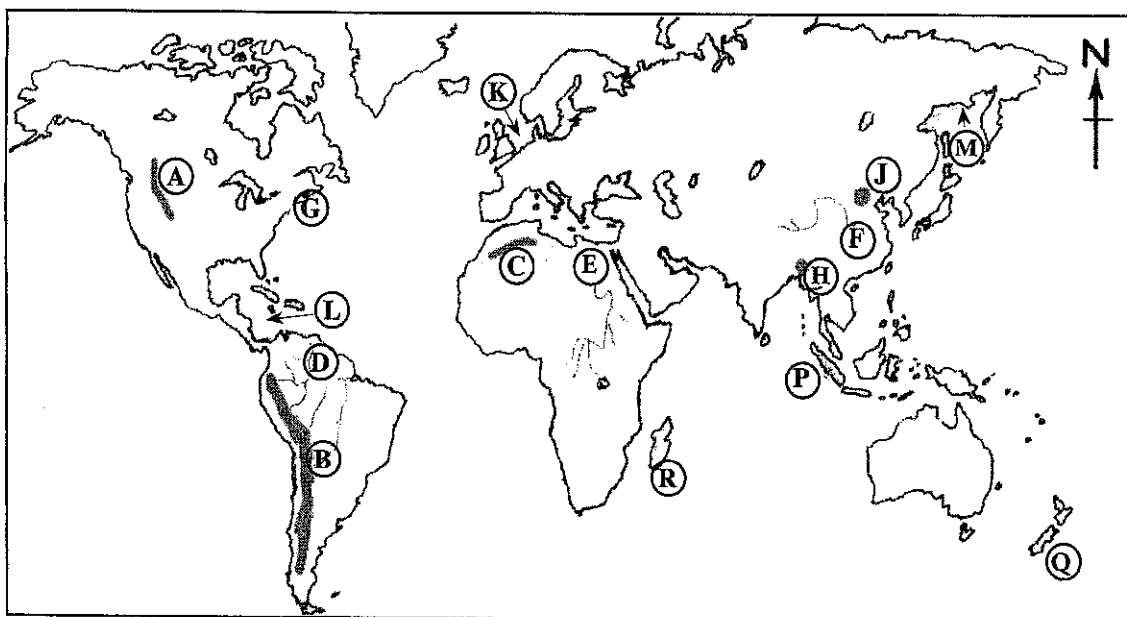
(iii)

(iv)

(v)

5

1. (c)



(i)

(ii)

(iii)

(iv)

(v)

5

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

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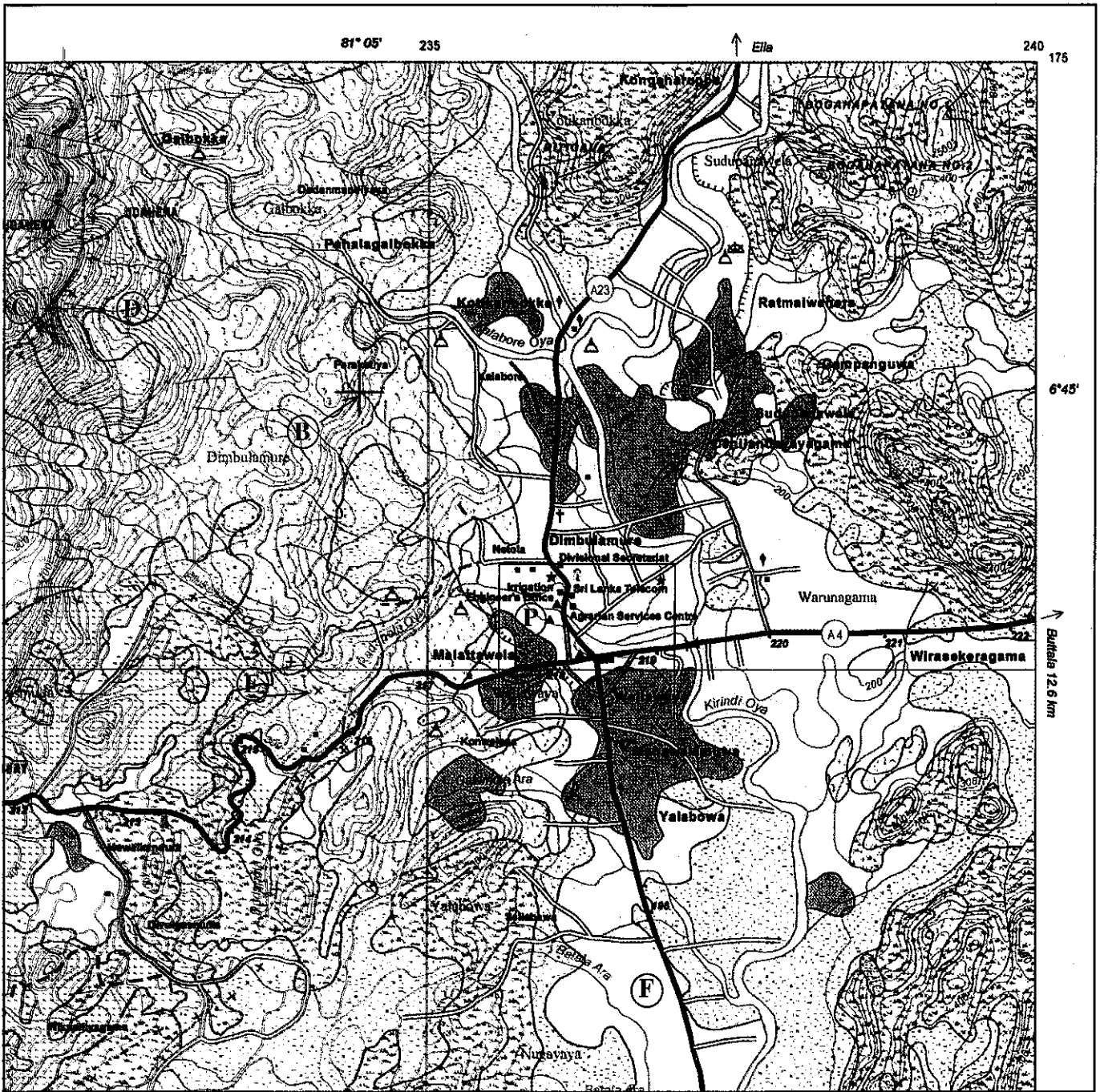
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2563 - Mulika Piriven Final Examination - 2019 December (New Syllabus)

(10) භූගෝල විද්‍යාව - II පත්‍රය / Geography - Paper II

1. (අ) භූ ලක්ෂණ සිතියම් කොටස / Topographic Map Section



SCALE 1:50,000