

## Provincial Department of Education - NWP

### දෙවන වාර පරීක්ෂණය - 10 ශ්‍රේණිය - 2019

### Second Term Test - Grade 10 - 2019

Name/Index No:- ..... **Geography - I** **Time:- 01 hour**

\* This paper consists with 40 questions.  
 \* Answer all the questions using given guidelines on this paper itself.

\* Select the most suitable answer and write it on the given space for question no. 1 to 10.

01. According to the distribution of water on the Earth, ..... water can be seen as ice caps and glaciers. (Salt / Fresh / Branch)
02. The ..... is the home for living beings. (Lithosphere / Biosphere / Atmosphere)
03. Water which exists as water Vapour in the atmosphere returns to the earth through the process of ..... (snow / rainfall / precipitation)
04. The .....are landform features that stretch with a higher elevation having a variety of slopes with several peaks. (Mountain ranges / plateaus / mountains)
05. Titicaca lake is located in the continent of ..... (North America / South America / Africa)
06. .... is consumed as the staple food by the majority of world's population (Paddy / Maize / Wheat)
07. .... which is mainly cultivated paddy is located in the South East Asia. (Thailand / China / Bangladesh)
08. Dairy farming is mostly distributed in the areas located in the ..... zone of the world. (Tropical / temperate / frigid)
09. About 28% of the cultivated lands in Sri Lanka is under ..... Cultivation. (Paddy / Tea / Coconut)
10. Low yields due to use of land over a long period is a problem in ..... of agriculture in Sri Lanka. (Production / cultivation / land utilization)

\* If the given statements are correct circle 'T' if not circle 'F' for question no 11 to 15.

11. 50% of the total air content of the atmosphere is present in the region that extends up to 5-6 km from the earth's surface. T / F
12. Everest is the highest peak of the Himalaya mountain range. T / F
13. Tea, discovered by Japanese can be introduced as a commonly consumed beverage in almost all the countries in the world at present. T / F
14. The largest quantity of fish is obtained from the coastal sea. T / F
15. A topographic map is constructed to present the information under one specific field only. T / F

- \* Complete the blanks using suitable words for question no 16 to 25.
- 16. The continental crust consists of ..... rocks.
- 17. .... is the general condition of the atmosphere that prevails with in a long period of time.
- 18. Cabok mixed red soil is more suitable for ..... cultivation.
- 19. Paddy is cultivated on ..... lands in hilly areas.
- 20. The Rubber research institute in Sri Lanka is situated in .....
- 21. Hawai islands created as a result of ..... in the deep sea.
- \* Use the given table to answer the question from 22 to 25.

The extent of land used for paddy cultivation and paddy production

Year	The extent of land used for paddy cultivation Hectares in thousands	Quantity produced Metric Tons in Thousands
2008	1053	3875
2009	978	3652
2010	1065	4301
2011	1223	3894
2012	1067	3846

- 22. The highest production of paddy is recorded in year .....
- 23. The highest quantity of land is used for paddy cultivation in year .....
- 24. The least quantity of land is used for paddy cultivation in year .....
- 25. The least production of paddy is recorded in year. ....

\* **Match A with B and select the correct answer for question no 26 to 30 and write the no. of the answer on the given space.**

26. Side A shows the boundaries of the biosphere and side B shows the sub systems related to them

**A**

**B**

- 1. The layer in which the root system of plants spreads.
- 2. The ocean bed in which sufficient amount of sunlight penetrates for the process of photosynthesis.
- 3. The limits where birds fly.

- A Hydrosphere
- B. Atmosphere
- C. Lithosphere
- D. Biosphere

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

27. Side A shows the main plateaus in the world and side B shows the continents that they are located.

- 1. Tibet plateau
- 2. Biye plateau
- 3. Mexico plateau

- A. Continent of Europe
- B. Continent of Asia
- C. Continent of Africa
- D. Continent of North America

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

28. Side A shows the main three agricultural crops in the world. Side B shows the average rainfall that they are wanted.

A

1. Paddy
2. Wheat
3. Tea

B

- A. 300mm - 500mm
- B. 1900mm - 5460mm
- C. 2000mm - 2500mm
- D. 2000mm

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

29. Side A shows the main three types of seas and side B shows the examples for them.

A

1. Seas completely surrounded by land
2. Seas partly enclosed by lands
3. Seas connected to oceans

B

- A. Aral sea
- B. Yellow sea
- C. Red sea
- D. Arabian sea

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

30. Side A shows the main regions that the paddy is cultivated and side B shows the districts that they are located.

1. Dry zone
2. Intermediate zone
3. Wet zone

- A Galle
- B. Anuradhapura
- C. Kurunegala
- D. Mathale

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

※ **Select the most suitable or the correct answer and write the number of it on the given space for question no. 31 to 40.**

31. A non - living component that affects the processes in the biosphere is

- (1) plants    (2) water  
(3) Animals    (4) Decomposers    (.....)

32. The largest fresh water lake in the world is,

- (i) Bickal lake    (2) Superior lake  
(3) Victoria lake    (4) Onega lake    (.....)

33. A physical factor that is necessary for the paddy cultivation is,

- (1) Labour    (2) lands with gentle slopes  
(3) Alluvial soil    (4) Temperature between 15°C- 27°C  
(.....)

34. Minor export crops that are not traditionally are exported by Sri Lanka are,

- (1) Cinnoman, Peppar    (2) Betel, Cocoa  
(3) Coffee, Cardomon    (4) Vegetable, Fruits    (.....)

35. Po river valley which is paddy cultivated area out side asia is located in,  
 (1) France (2) Germany  
 (3) Greece (4) Italy (.....)
36. Select the incorrect statement regarding the structure of the Earth.  
 (1) The Crust of the Earth devided into two called Sial & Simag.  
 (2) The lower part of the Mantle of the Earth is made up of liquid rocks.  
 (3) The boundary that separates the Mantle and the Crust is called the Gutenberg discontinuity  
 (4) The Core of the Earth is more thicker than the Mantle. (.....)
37. Select the correct statement regarding the physical features of the Earth.  
 (1) The large land masses which have risen from oceans are called continents.  
 (2) The shallow sea strip that stretches towards the ocean from the continental boundary is known as the continental shelf.  
 (3) Shields are high flat lands located in a mountainous area.  
 (4) Depressions filled with water located on the land are known as lakes (.....)
- ✱ **Use the following information to write answers for question no 38 and 39.**  
 A - Harvest  
 B - Using pestisides  
 C - Price of input  
 D - Biodiversity  
 E - Using Fertilizers
38. The answer that increase of one factor affects to the increase of other factor is,  
 (1) C & A (2) E & A (3) B & D (4) A & B (.....)
39. The answer that increase of one factor affects to the decrease of other factor is,  
 (1) A & C (2) E & C (3) B & D (4) D & A (.....)
40. Physical features that are mentioned in maps are,  
 (1) Tank, river,irrigation cannals (2) Paddy cultivation, Chena, gardening  
 (3) School, Hospital, Police (4) Path, Cart road, Boundary of the coast.  
 (.....)

## Provincial Department of Education - NWP

**දෙවන වාර පරීක්ෂණය - 10 ශ්‍රේණිය - 2019**

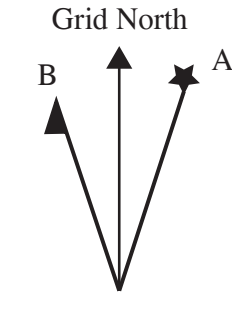
**Second Term Test - Grade 10 - 2019**

**Name/Index No:- .....** **Geography - II** **Time:- 02 hours**

- \* There are two parts I and II in this paper.
- \* The first question is compulsory. (A, B, C)
- \* Answer 4 questions from part II
- \* Altogether answer 5 questions only.

### Part I

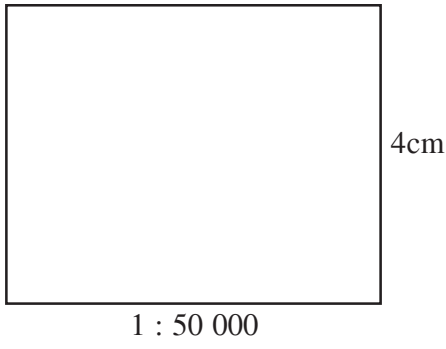
- (1) (A) Answer the following questions using your knowledge on 1:50,000 topographic maps.
- (i) Write in Centimeters the length and the width of a topographic map that are used in Sri Lanka. (1 mark)
  - (ii) Name a way that shows a location of one place in the topographic map (1 mark)
  - (iii) Following is the way that show the direction of topographic maps. Name A and B.



(2 marks)

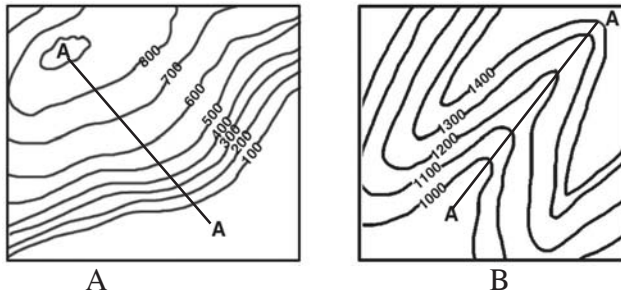
- (iv) Draw the convectional signs using relevant colours and the symbols for the cultural features of topographic maps.
  - (a) Grama Niladhari Boundary
  - (b) Hospital (2 marks)

(v) Write the area of the following mapped area in square kilometers.



(2 marks)

(vi) Name the relief features shown by A - A in the A and B pictures



(2 marks)

(B) Study the given map of the world and answer the following questions.

- (i) What is the letter that shows Thasmenia island among the letters A, B, & C?
- (ii) What is the letter that shows Volga river among the letters D, E & F?
- (iii) What is the letter that shows Rocky mountain range among the letters G, H, & J?
- (iv) What is the letter that shows Manchuria plain among the letters K, L & M?
- (v) What is the letter that shows Kenya that is important for tea production in Africa among the letters P, Q & R?

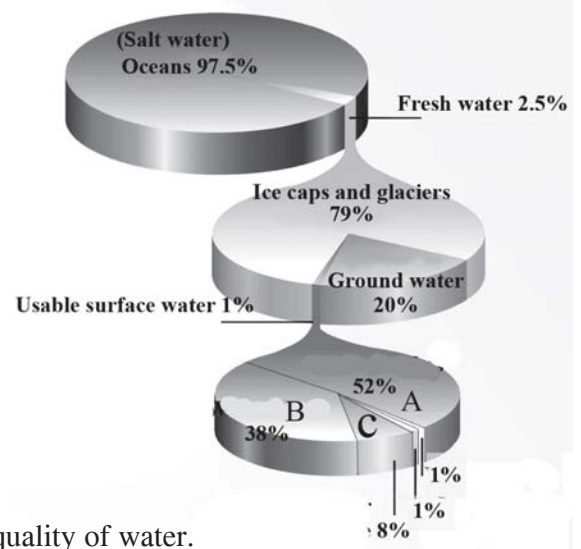
(C) Study the given map of Sri Lanka and answer the following questions

- (i) The letter that is shown the Kelani river among the letters A, B, & C
- (ii) The letter that shows Kudiramalai point among the letters D, E & F
- (iii) The letter shows Dambulla which located the fresh water fish breeding center among the letters G, H & J
- (iv) The letter shows Ambalanthota which is located the Paddy Research Institute among the letters K, L & M.
- (v) The letter that shows Kegalle district among the letters P, Q & R.

(5 marks)

## Part II

02. Following is the picture of the distribution of water on the Earth.



(i) Name the occations shown by letters B and C

(ii) (a) What is the occation of distribution of water on the earth shown by letter A?

(b) Write 2 uses of water shown in letter A

(3 marks)

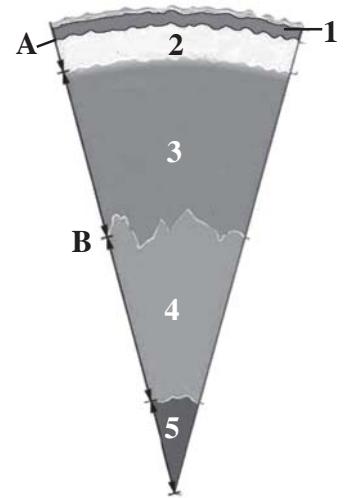
(iii) (a) Write 2 human activities that is deteriorated the quality of water.

(b) The deteriorated water quality causes harmful effects on the survival of living beings. Explain 2 steps that can be taken to minimize the scarcity of water.

(5 marks)

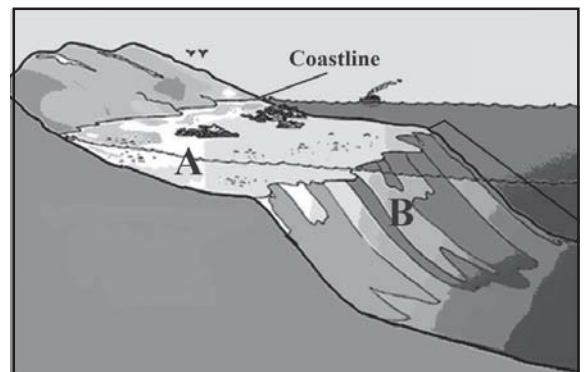
(03) Following is the cross section of the structure of the earth.

- (i) Name the two boundaries shown by letters A and B (2 marks)
- (ii) Name the layers of the earth shown by no 1, 4 and 5 respectively. (3 marks)
- (iii) (a) Name the layers shown by no. 2 and 3
- (b) Write 3 sentences on the specific features of above mentioned two layers. (5 marks)

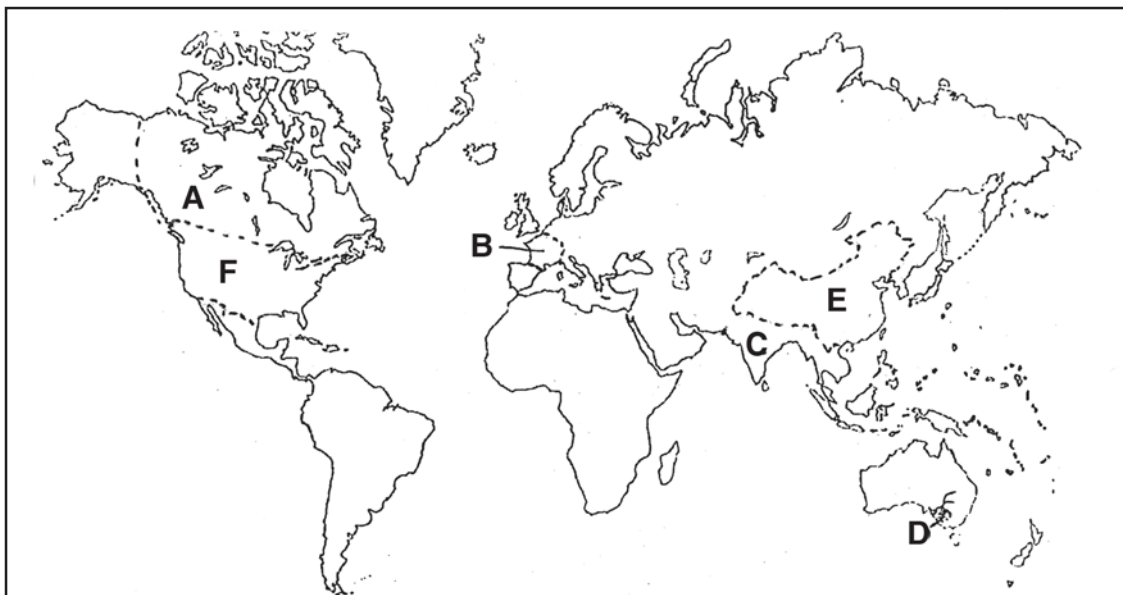


(04) Following picture shows the location of the continental boundary.

- (i) Name the areas shown by A and B (2 marks)
- (ii) Name an island each that are located in the following continental shelf.
  - (a) Asia
  - (b) Africa
  - (c) Australia (3 marks)
- (iii) Explain 3 ways that the area shown by letter A are used by man. (5 marks)



\* Use following map of the world to answer questions for question no 5 and 6.

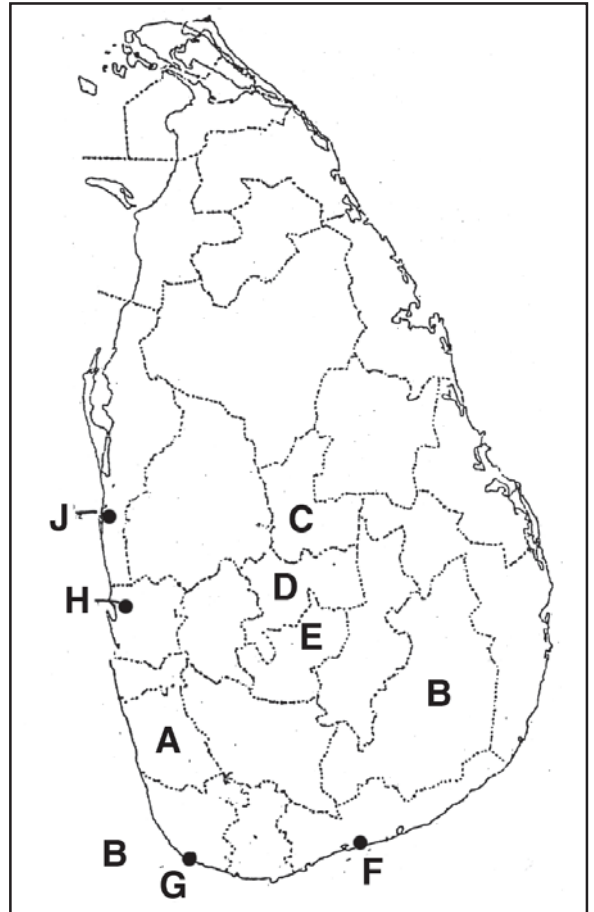


- (5) (i) Name the two countries which wheat is cultivated shown by letters A and B (2 marks)
- (ii) (a) Name the paddy cultivated country in Asia shown by letter C
- (b) Name the paddy cultivated area out side asia shown by letter D
- (c) Write a similar feature regarding the production of paddy and wheat (3 marks)
- (iii) (a) Write 2 physical features that are caused to spread the paddy cultivation in the world.
- (b) Explain 2 specific features regarding the paddy cultivation in the world. (5 marks)

- (06) (i) Name the two countries that produce iron and steel,  
 (a) Shown by letter E in the Asian region  
 (b) Shown by letter F in the Northern America. (2 marks)
- (ii) Write 3 factors that influence the location of industries. (3 marks)
- (iii) (a) Name 2 fields that iron and steel are used.  
 (b) Explain 2 trends regarding iron and steel industry. (5 marks)

\* Use the following map of Sri Lanka to answer the questions 7 and 8.

- (07) (i) Name the main district that rubber is cultivated shown by letter A and the district that rubber is cultivated recently shown by letter B (2 marks)
- (ii) (a) What is the letter shows Nuwara Eliya which cultivated the up country tea?  
 (b) What is the district shown by letter C which cultivate mid - country tea?  
 (c) Name an institute that help to uplift the tea plantation in Sri Lanka? (3 marks)
- (iii) (a) Name a country that buy tea from Sri Lanka.  
 (b) Explain 2 uses that can be taken to Sri Lanka economy by developing the tea cultivation. (5 marks)



08. According to the above map,  
 (i) (a) Write the letter of the fishing harbour in Galle.  
 (b) Write the letter shows Pitipana which is a salt water fish breeding center. (2 marks)
- (ii) (a) Name the two main sectors of the salt water fishing industry.  
 (b) Name a type of the fish that breed in fresh water tanks and reservoirs at present. (3 marks)
- (iii) (a) Name 2 favourable factors that are suitable for the fishing industry in Sri Lanka.  
 (b) Explain 2 facts that are important of the fishing industry to the economy of Sri Lanka. (5 marks)

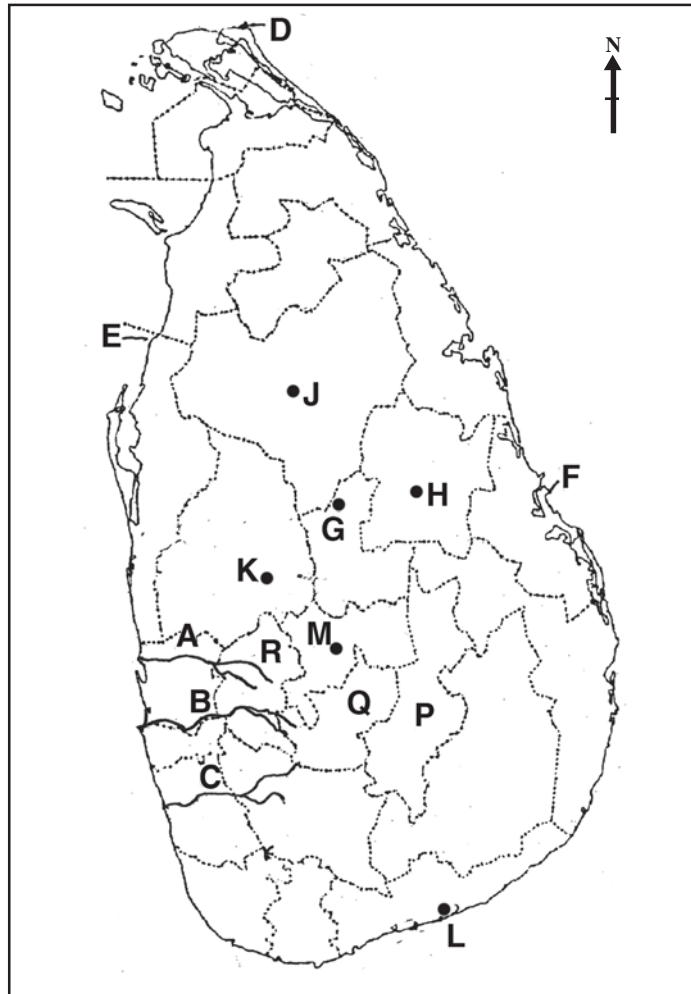


(අ) / (ඔ) / (b)



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

(ආ) / (ඔ) / (c)



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

(1) (අ) (a)  $\frac{10}{10}$

(අ) (ඔ) (b)  $\frac{5}{5}$

(ආ) (ඔ) (c)  $\frac{5}{5} = \frac{20}{20}$



- avoid water pollution
  - use it only for the necessity
  - Use more and more times.
  - collect rain water etc....
    - (a) = 2
    - (b) 2 facts = 2
    - discription = 1
- (5 marks)

(03) (i) A - Mohorovicic discontinuity  
 B - Gutenberg discontinuity (2 marks)

(ii) (a) 1 - crust  
 4 - outer core  
 5 - inner core (3 marks)

(iii) (a) 2 - upper mantle  
 3 - lower mantle

(b) ● The mantle is a layer that extends to a depth of 2900km.

- The upper part of the mantle consists of olivine and silicate.
- The lower part is made up of magnesium and silicate
- This layer forms 2/3 of the land mass of the earth.
- Thickness is high in the lower mental than the upper mental.

(a) = 2  
 (b) = 3  
 (5 marks)

(04) (i) A - continental shelf  
 B - continental slope

(ii) (a) Sumathra, Java, Bornio, Sri lanka.  
 (b) Madagascar  
 (c) Papuwa Newgunia, Thasmenia

(iii) ● for fishing industry

- for tourist industry
- for transportation
- for water sports.
- for harbour facilities (5 marks)

(05) (i) A - Canada  
 B - France (2 marks)

(ii) (a) C - India  
 (b) D - Mare darling valley in Australia.  
 (c) ● Plain lands  
 ● Use new seeds  
 ● use new technology (3 marks)

(iii) (a) ● temperature about 27°C  
 ● rainfall about 2000mm  
 ● Alluvial soil  
 ● plain lands.

(b) ● cultivate in small plots of lands  
 ● cultivate in large scale forms as commercial crop.

- Countries like India, Japan, USA, China, Pakistan, Thailand, Vietnam cultivate paddy in commercial basis
- Use machinary at present.
- Use machinary at present.
- Use carbonic fertilizers etc.

(a) = 2  
 (b) facts = 2  
 discription = 1

(06) (i) E - China (5 marks)  
 F - United states of America (2 marks)

(ii) ● Power and energy ● Raw materials

- Transport
- Market
- Capital etc.. (3 marks)

(iii) (a) ● For industries  
 ● For agriculture  
 ● for transportation  
 ● for electric field

(b) ● Modernize the production  
 ● Use alternative energy sources instead of coal to melt iron

- increase the demand of east asian countries and create new market.
- Same countries export and import.
- Industries locate due to the trade and the capital at present (page 92)

(a) = 2  
(b) trends = 2  
    explanatia = 1  
(5 marks)

(07) (i) A - Kalutara  
      B - Monaragala (2 marks)

- (ii) (a) E  
(b) C - Matale  
(c) ● Tea research institute  
      ● Ceylon Tea Board  
      ● small tea estate development Authority. (3 marks)

- (iii) (a) ● Iran ● Siriya ● Japan  
      ● Iraq ● Jordan  
      ● Emeer ● Russia  
(b) ● earn foreign exchange  
      ● create new job oppertunities  
      ● increase the national production  
      ● develop the foreign relations etc.  
(a) = 1  
(b) facts = 2  
    explanatia = 2  
(5 marks)

(08) (i) (a) - G  
(b) - H (2 marks)

- (ii) (a) 1. Fishing in coastal sea  
(in the continental shelf)  
      2. Deep sea fishing  
(b) ● Grass carp ● Big head carp  
      ● Silver carp ● Catla  
      ● Rohu ● Thilapia  
      ● Gurami (3 marks)

- (iii) (a) ● An island surrounded by ocean  
      ● a long coast around the island  
      ● wide continental shelf  
      ● lagoons, bays and harbours are located.  
      ● rivers, streams, tanks, resoviors are located.  
      ● abundance in food of fish  
(water currents)  
(b) ● Supply the necessity of protein of people.  
      ● A wide local and foreign market  
      ● Can earn foreign exchange.  
      ● Have resources to develop the fishing industry.