



**පළමු වාර පරීක්ෂණය - 10 ශ්‍රේණිය - 2020**  
**First Term Test - Grade 10 - 2020**

**Name/Index No. : ..... Geography - I Time : 3 hours**

**\* Answer all the questions on this paper itself using given guideline for each question.**  
**\* There are 40 marks for this paper.**

**\* Select and write the most suitable answer on the given space for question no 01 to 10.**

- (01) The area of the surface of the earth is about ..... square km.  
( 570 million / 510 million / 120 million)
- (02) The earth system is composed of ..... sub systems.  
( 4 / 3/ 5)
- (03) The lowest temperature of the atmosphere prevails in the .....  
(Troposphere / Stratosphere / Mesosphere)
- (04) A part of the water received on the surface of the earth flows as .....  
(infiltrated water / surface runoff / condensation)
- (05) The continental crust consist of ..... rocks.  
(silica / granitic / magnesium)
- (06) Madagascar island is located in the ..... continental shelf.  
(African / Asian Australian)
- (07) According to the structure of the earth, the boundary that separates .....is called the Gutenberg discontinuity.  
(the mantle from the core / the crust from the mantle / the outer core from the inner core)
- (08) The islands of ..... which was created as a result of volcanic activities that occurred in the deep ocean.  
(Hawai / Japanese / Thasmenia)
- (09) The ..... plateau is located in the mountain range of Himalayas at a very high elevation from sea level.  
(Pameer / Tibetan / Mongolean)
- (10) The deepest trench in the world is located in the ..... ocean.  
(Atlantic / Indian / Pacific)

**\* Study following statements and if they are correct circle 'T' if not circle 'F' for question no 11 to 15.**

- (11) 71% of the surface of the earth is covered by oceans. ( T / F )
- (12) The sial is the basic rock layer on which the simag layer lies of the crust of the earth. ( T / F )
- (13) Climate is the average condition of the atmosphere in a short period of time. ( T / F )
- (14) The atmosphere is held by the earth due to its gravitational pull. ( T / F )
- (15) The inner core of the earth consists of liquid metal. ( T / F )

\* **There are two parts 'A' and 'B' match them and write the number of the answer on the given space for question no 16 to 20.**

(16) Side A shows the lakes and side B shows the continents.

**A**

1. Eri lake
2. Ire lake
3. Titicaca lake
4. Victoria lake

(1) C, D, B, A

**B**

- A. Continent of Africa
- B. Continent of North America
- C. Continent of Australia
- D. Continent of South America

(2) B, C, D, A

(3) C, B, D, A

(4) B, C, A, D (.....)

(17) Side A shows the layer of the atmosphere of the earth side B shows specific features of them.

**A**

1. Troposphere
2. Stratosphere
3. Mesosphere
4. Thermosphere

(1) C, A, B, D

**B**

- A. Ozone layer is located.
- B. Temperature is very high
- C. Occur climatic phenomena
- D. There are no water vapour and clouds.

(2) B, C, A, D

(3) A, D, C, B

(4) C, A, D, B (.....)

(18) Side A shows rivers in the world and side B shows the different ways that they are created.

**A**

1. Nile river
2. Rhine river
3. Themes river
4. Mahaweli river

(1) A, D, B, C

**B**

- A. from a lake
- B. from a spring
- C. from a spring of a hill
- D. from water melted by glaceres.

(2) C, A, B, D

(3) B, A, D, C

(4) C, D, B, A (.....)

(19) Side A shows the oceans in the world and side B shows the seas that are located in those oceans.

**A**

1. Pacific ocean
2. Indian ocean
3. Atlantic ocean
4. Arctic ocean

(1) A, C, D, B

**B**

- A. Kara sea
- B. Caribbean sea
- C. Japanese sea
- D. Arab sea

(2) C, B, D, A

(3) C, D, B, A

(4) B, C, A, D (.....)

(20) Side A shows the mountain ranges in the world and side B shows the continents that they are belonged.

**A**

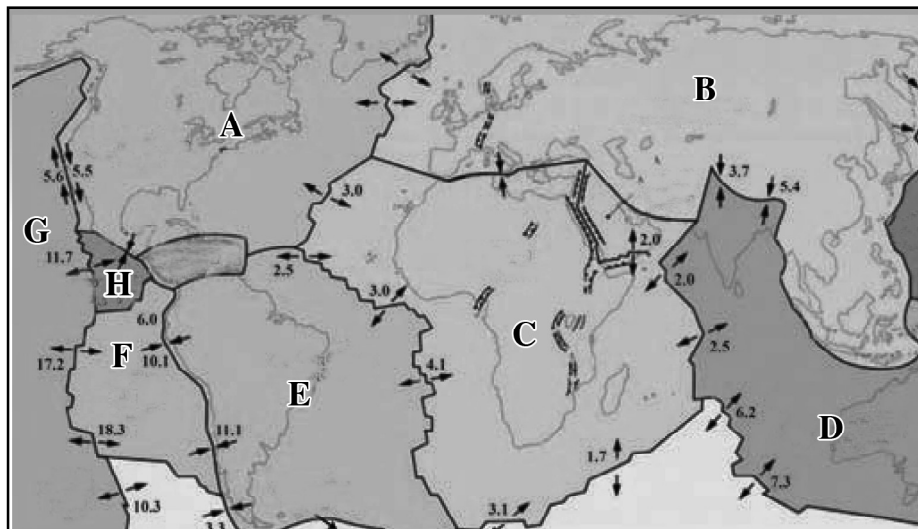
1. Andees mountain range
2. Alphs mountain range
3. Atlas mountain range
4. Grate Barrier mountain range

**B**

- A. Continent of Australia
- B. Continent of Africa
- C. Continent of Europe
- D. Continent of South America

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

\* **Study the given map of tectonic plates and answer the questions for question no 21 to 25.**



- (21) Letter ..... shows the Uresian tectonic plate.
- (22) Letter ..... shows the African tectonic plate.
- (23) Letter ..... shows an Oceanic plate.
- (24) Letter ..... shows the cocos minor plate.
- (25) Sri Lanka belongs to the tectonic plate shown by letter .....

\* **Fill in the blanks using the suitable words for question no 26 to 30.**

- (26) Depressions filled with freshwater located on the land are know as .....
- (27) The atmosphere gets the water that is ..... from the surface of the land water bodies.
- (28) The large land masses which have risen from oceans are called .....
- (29) ..... is the layer that includes the earth's crust and the upper mantle.
- (30) The temperature decreases by 6.4°C for every 1000m is done in the .....

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

- (31) According to the distribution of water on the Earth, the quantity of water of oceans and seas is,  
(1) 2.5% (2) 79%  
(3) 97.5% (4) 29% (.....)
- (32) According to the distribution of water on the Earth, the highest amount of water of surface water can be seen in,  
(1) Water in rivers (2) Soil water  
(3) Water in lakes (4) Water vapour (.....)
- (33) A non - living component that affects to the process of biosphere is,  
(1) plants (2) soil  
(3) animals (4) decomposers (.....)
- (34) According to the composition of atmosphere the highest volume of gas is,  
(1) Hydrogen (2) Oxygen  
(3) Argen (4) Nitrogen (.....)
- (35) The highest density layer according to the structure of the Earth is,  
(1) Lower mantle (2) Outer core  
(3) Upper mantle (4) Inner core (.....)
- (36) According to the magnitude of the continents, assending order of the continents are,  
(1) Asia, Africa, Europe (2) Africa, Asia, Europe  
(3) Asia, Africa, North America (4) North America, Asia, Africa (.....)
- (37) An Island located in the continental shelf of Asia is,  
(1) Cuba (2) Thasmenia  
(3) Bornio (4) Papua - Newgunia (.....)
- (38) A plateau that can not be seen in Sri Lanka is,  
(1) Hatton plateau (2) Welimada plateau  
(3) Koslanda plateau (4) Haputale plateau (.....)
- (39) A plain that can be seen in Australia is,  
(1) Saiberian plain (2) Nullabar plain  
(3) Machurian plain (4) Hortain plain (.....)
- (40) The annual rainfall in the polar region is,  
(1) 250 mm - 300 mm (2) 500 mm - 100 mm  
(3) 1250 mm - 2000 mm (4) 2000 mm - 5460 mm (.....)



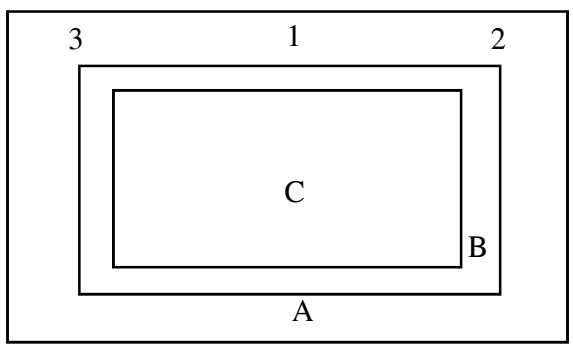
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**First Term Test - Grade 10 - 2020**

**Name/Index No. : ..... Geography - II**

**Important :**  
 \* There are two parts I, II in this paper  
 \* First question in part I is compulsory. Answer all the three parts in this question (A, B, C)  
 \* Answer only 4 questions from part II, Altogether answer 5 questions only.

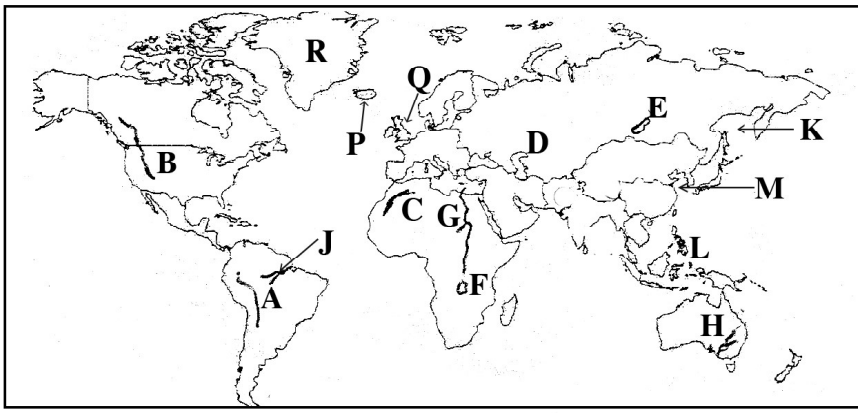
**Part - I**

(01) (A) Study the given model of a 1:50,000 topographic map and answer the questions given below.



- (i) Name the borders shown by letters A and B respectively. (02 marks)
- (ii) Name the area shown by letter C. (02 marks)
- (iii) Write 2 information mentioned in the border "A". (02 marks)
- (iv) Write the information that can be mentioned by no 1 and 2 respectively. (02 marks)
- (v) Direction is helpful to understand the information included in the map correctly. Write 2 ways that showing the direction in 1:50,000 Topographical map. (02 marks)

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

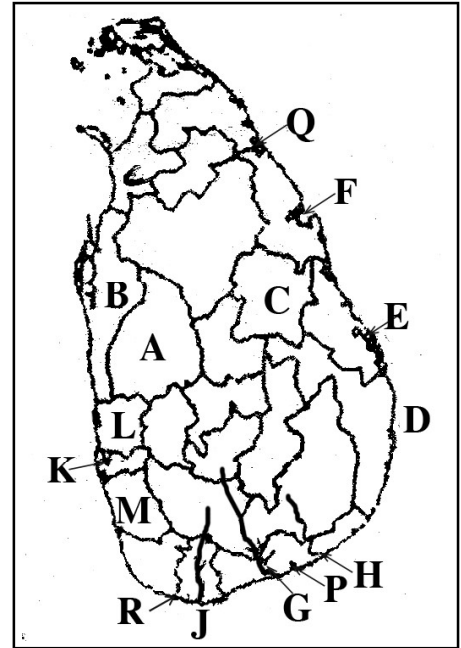


- (i) The letter that shows Rocky mountain range among the letters A, B and C.
- (ii) The letter that shows Bickle lake among the letters D, E and F.
- (iii) The letter that shows Nile river among the letters G, H and J.
- (iv) The letter that shows the yellow sea among the letters K, L and M
- (v) The letter that shows British Islands among the letters P, Q and R

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

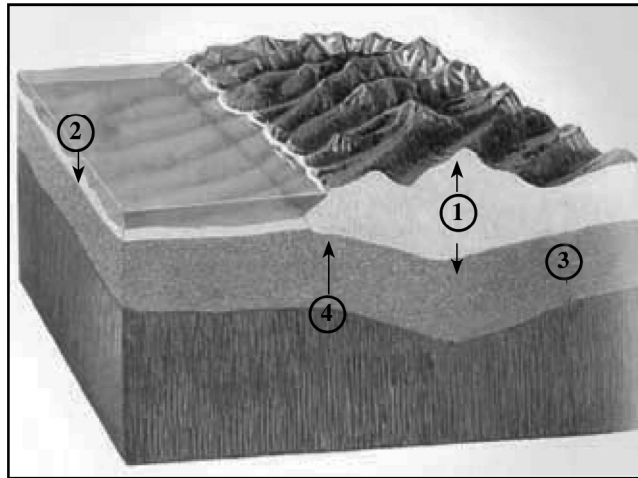
- (i) The letter that shows Lunuwila Coconut Research Institute among the letter A, B and C.
- (ii) The letter that shows Koddiyar Bay among the letter D, E and F.
- (iii) The letter that shows Walawe river among the letter G, H and J.
- (iv) The letter that shows Gampaha district has the highest density of population in Sri Lanka among the letter K, L and M.
- (v) The letter that shows Magampura harbour among the letter P, Q and R.

(05 marks)



### Part - II

(02) Following is a picture related to Lithosphere.



- (i) Name the parts shown by no. 1 and 2 respectively. (02 marks)
- (ii) (a) Write two types of rocks that are used to create the two parts shown by no 1 and 2 respectively. (02 marks)
- (b) Name the layer that is shown in no 3 of the Lithosphere. (01 mark)
- (c) Name the discontinuity shown by no 4 (01 mark)
- (iii) When the resources found in the lithosphere are utilized by man, the lithosphere is affected in various way, Explain 2 affects. (04 marks)

- (03) (i) Name the 3 main sphere that have the interaction depended on the existence of the biosphere. (03 marks)
- (ii) Write the 3 boundaries of the biosphere. (03 marks)
- (iii) Write 2 barriers for the man for the existence of the biosphere and explain one of them. (04 marks)

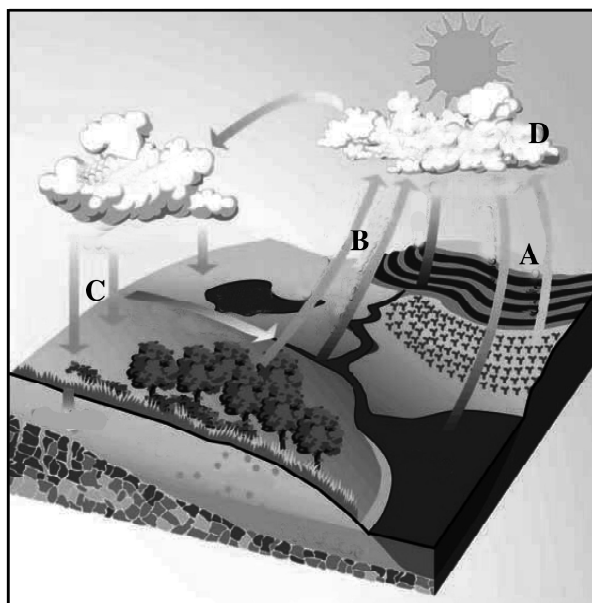
(04) Water is essential for the sustenance of all the bio systems.

(i) Write two ways that water can be seen in earth.

(02 marks)

(ii) Following is a cycle of water. Name the situations shown by A, B, C.

(03 marks)



(iii) At present, the quality of water is deteriorating due to the impact of various human activities. write 3 human activities and explain one of them.

(05 marks)

(05) Human activities are differ according to the variour relief features of the Earth.

(i) Write 2 main plains in Russia and Australia.

(02 marks)

(ii) Write 3 specific plains that are according to their formation.

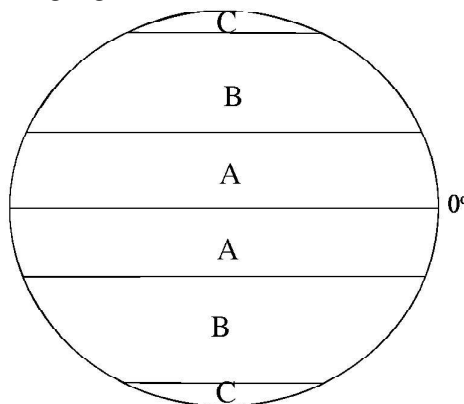
(03 marks)

(iii) (a) Write 2 reasons for limitation of human activities in the mountainous areas.

(b) Plains are flavourable for human activities. Explain it using 3 facts.

(05 marks)

(06) Following Geographical globe shows the major climatic zones in the world. Answer the following questions using the following figure.



(i) In above geographical globe, Name the climate zones shown by letter A and B.

(02 marks)

(ii) (a) Write the North and South latitudes that the climatic zone shown by A spreads.

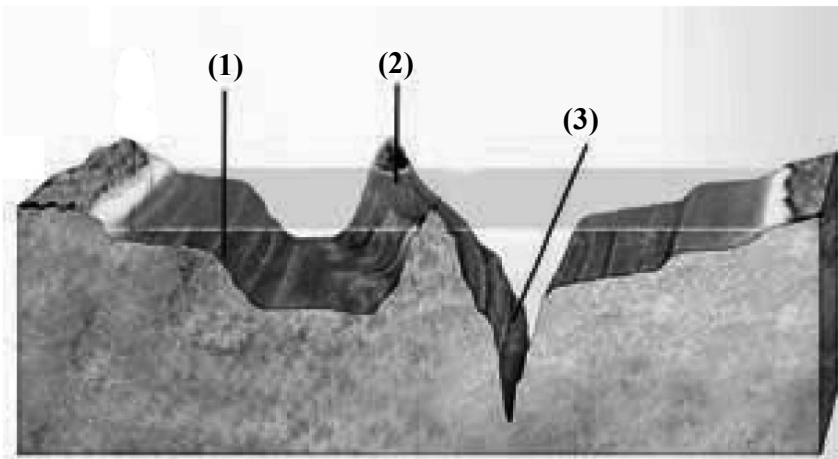
(b) Name the two special climatic types that can be seen in the zones B and C respectively.

(03 marks)

- (iii) Following are special features in the climate zones. Write 3 special features regarding the climatic zone 'A' and special features regarding the climatic zone "B". (05 marks)

- \* A clear hot season can be seen.
- \* A very high temperature is present throughout the year.
- \* A cold season is there.
- \* Most of the areas receive a very high rainfall throughout the year.
- \* Snow fall and fog can be seen.
- \* Variation of rainfall can be seen.

- (07) Following picture shows the several features in the ocean bed. Answer the following questions using it.



- (i) Explain continental shelf in brief. (02 marks)
- (ii) Name the relief features shown by no 1, 2, 3 in the picture. (03 marks)
- (iii) (a) Name the deepest trench in the world.  
 (b) Write 2 occasions that the man use the oceanic area for their uses.  
 (c) Explain 2 human activities that affect to water pollution in oceans briefly. (05 marks)
- (08) (i) Write 2 countries that paddy is cultivated in Asian region. (02 marks)
- (ii) Write the countries of following areas that cultivate paddy out side asia.  
 (a) Sacromanto valley  
 (b) Po river valley  
 (c) Maredarling valley. (03 marks)
- (iii) (a) Write 2 problems regarding paddy cultivation in the world.  
 (b) Write 3 new trends regarding production of paddy. (05 marks)





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 Provincial Department of Education - NWP

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**First Term Test - Grade 10 - 2020**

**Geography Answers**

**Part - I**

- |                                |          |                    |              |
|--------------------------------|----------|--------------------|--------------|
| (1) - 510 million              | (11) - T | (21) - B           | (31) - 97.5% |
| (2) - 4                        | (12) - F | (22) - C           | (32) - (3)   |
| (3) - Mesosphere               | (13) - F | (23) - G           | (33) - (2)   |
| (4) - surface runoff           | (14) - T | (24) - H           | (34) - (4)   |
| (5) - granite                  | (15) - F | (25) - D           | (35) - (4)   |
| (6) - African                  | (16) - 2 | (26) - lakes       | (36) - (3)   |
| (7) - the mantle from the core | (17) - 4 | (27) - Evaporation | (37) - (3)   |
| (8) - Hawai                    | (18) - 1 | (28) - Continent   | (38) - (4)   |
| (9) - Tibetan                  | (19) - 3 | (29) - Lithosphere | (39) - (2)   |
| (10) - Pacific                 | (20) - 3 | (30) - Troposphere | (40) - (1)   |

(1 x 40 = marks)

**Part - II**

**Part - I**

**Part - II**

- |  |  |
|--|--|
| (01) (A) (i) A - Lower margin of the outer border<br>B - Inner border (2 marks)  | (02) (i) 1 - Continental crust<br>2 - Oceanic crust (2 marks)  |
| (ii) Map face (2 marks)  | (ii) (a) Granite rocks<br>Basalt rocks   |
| (iii) ● Values related to latitudes and longitudes<br>● National coordinate values. (2 marks)                                  | (b) Upper mantle (3 marks)   |
| (iv) ● Scale<br>● Figure showing the adjacent maps.<br>● Figure showing the administrative boundaries.<br>● Key etc. (2 marks) | (iii) ● Land degradation<br>● Soil erosion<br>● Changers seen in the surface landscape.<br>● Changes in the ground water level.<br>● Disposal of domestic and industrial waste.<br>● Disturbance in the equilibrium of the lithosphere due to construction of large reservoirs and storeyed buildings. (5 marks) |
| (v) True North, Grid North, magnetic North   |  |
| (B) (i) B<br>(ii) E<br>(iii) G<br>(iv) M<br>(v) Q (5 marks)  |  |
| (C) (i) B<br>(ii) E<br>(iii) G<br>(iv) L<br>(v) P (5 marks)  |  |

- (03) (i) Lithosphere, Atmosphere, Hydrosphere. (2 marks)
- (ii) Lithosphere - The layer in which the root system of plants spreads and where soil organisms live.  
Hydrosphere - The ocean bed in which sufficient amount of sunlight penetrates.  
Atmosphere - The limits where birds fly. (3 marks)
- (iii) ● destruction of forests.  
● Destruction of bio systems.  
● Wash away the surface soil.  
● Clearance of slopes.  
● Destruction of animals etc. (facts - 3 , description - 2) (5 marks)
- (04) (i) Solid, liquid, Vapour. (2 marks)
- (ii) A - Evaporation - Water is evaporated from the surface of the water bodies.  
B - Transpiration - Water transpired from plants.  
C - Precipitation - Water received on the surface of the earth. (3 marks)
- (iii) ● Addition and release of various chemicals and carbonic matter into the water used and released by industries.  
● The mixing of fertilizer and chemicals added to soil in agricultural activities with the water.  
● Addition of bacteria to ground water and surface water on the land as a result of the irregular disposal of water matter sewage. (facts - 3 , description - 2) (5 marks)
- (05) (i) Russia - Great Saiberian plain  
Australia - Nullabar plain (2 marks)
- (ii) Coastal plain  
Glacier plain  
river plain (3 marks)
- (iii) (a) Rough relief, hard climate, hard to enter etc.  
(b) For cultivation, for animal husbandary, For building, settlements, For construction roads, Given marks for suitable 3 facts. (5 marks)
- (06) (i) (a) A - Tropical climate  
B - Temperate climate (2 marks)
- (ii) (a)  $23\ 1/2^{\circ}$  North latitude and  $23\ 1/2^{\circ}$  south latitude  
(b) B -Mediterranean climate  
C - Thundra climate (3 marks)
- (iii) A - ● High temperature through out the year  
● High rainfall through out the year.  
● Variation of rainfall.  
B - cold climate  
clear hot season. (5 marks)
- (07) (i) The shallow sea strip that stretches towards the ocean from the continental boundary is known as continental shelf. (2 marks)
- (ii) 1. Continental slope.  
2. Island.  
3. Trench. (3 marks)
- (iii) (a) Mariana  
(b) Transportation, fishing industry, Tourism.  
(c) Oil research, release waste, nuclear explosions. etc. (5 marks)
- (08) (i) India, Sri Lanka, Myanmar, Thailand (2 marks)
- (ii) (a) United States of America  
(b) Italy  
(c) Australia (3 marks)
- (iii) (a) less harvest, small plots of lands etc.  
(b) Mechanization, use carbonic fertilizer, Use high yield seeds etc, (5 marks)

