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Grade - 10 | **Second Term Test - 2024** | **61 E I,II**

Index No..... | **Geography I** | **Time - 01 Hour**

Instructions

- **This Paper consists of 40 questions.**
- **Answer all the questions in this paper itself in accordance with the instructions given for each question.**

- **Select from the brackets the answer that suits each blank in the questions from No 01 to 05 and write on the dotted line.**

01. The area of the surface of the Earth is about ..... million square km. (610/510/120)
02. The atmosphere is divided into layers on the basis of change of the ..... with the altitude (gass/ temperature/ pressure)
03. Lake ..... is located at the highest elevation in the world. (Titicaca/ Superior/ Baikal)
04. Tundra climate is a specific climate prevails in ..... climate zone. (Tropical/ Temperate/ Frigid)
05. Research Institution for minor export crops is located in ..... district (Matale/ Meevanapalana/ Sapugaskanda)

- **Fill in the blanks using the correct word question No 06 to 10.**

06. Tectonic plates move as a result of the ..... which are active in the mantle.
07. Dairy farming is mostly distributed in the areas located in the ..... zone of the world
08. The total ecological system integrating plant and animal life which constantly interact with the Earth is termed the .....
09. A part of the water received on the surface of the Earth flows as .....
10. Most of the trenches are located in the .....ocean.

- **Study the given statements, if they are correct circle 'T' if not circle 'F' for question No 11 - 15**

11. Despite being an agricultural system, showing industrial characteristics is a special feature of plantation agriculture. (T/F)
12. Condition of the atmosphere that prevails for a short period is termed as climate. (T/F)
13. Fish such as Grass crap, Big head crap and Catla are being bred at present in marine fisheries industry. (T/F)
14. There is a centre for organic fertilizer at Gonawala, Makandura in Kurunegala district (T/F)
15. 31% of the labour force in Sri Lanka is involved in agricultural sector. (T/F)

- There are two parts A and B for question No 16 - 20. Match them regarding their relationship. Select the answer by matching them and write the number of the answer in the given space.

16.

A Sea	B Located ocean
1. Caribbian sea	A - Atlantic Ocean
2. Yellow sea	B - Arctic Ocean
3. Baltic sea	C - Pacific Ocean
	D - Indian Ocean

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

17.

A	B
Continent	Island
1. Asia	A - Baffin Island
2. Australia	B - Philippine Island
3. North America	C - Falkland Island
	D - Tasmania

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

18.

A	B
Lake	Continent
1. Chad	A - North America
2. Ayre	B - Asia
3. Baikal	C - Afica
	D - Australia

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

19.

A	B
Centre for Iron and steel	Country
1. Pittsburg region	A - Russia
2. Ural zone	B - India
3. Lancashire region	C - United Kingdom
	D - United States of America

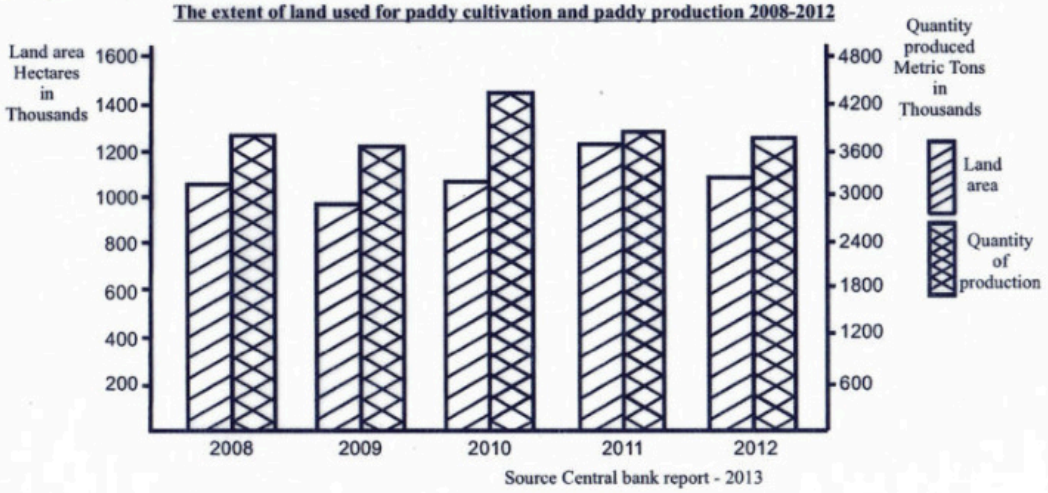
1. D,A,C 2. D,C,B 3. A,C,D 4. C,A,D (.....)

20.

A	B
Crop	Export village
1. Chillies	A - Katugampola
2. Betel	B - Dambadeniya
3. Cashew	C - Rajangana
	D - Agunakolapelessa

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

- **Use the graph below to answer question No 21 - 25.**



Source Central bank report - 2013

21. In which year is the area under paddy cultivation is highest? .....

22. Which is the year with the highest production of paddy? .....

23. In which year the area under paddy cultivation is least? .....

24. Which year has the lowest paddy production? .....

25. Write the name of the above type of graph? .....

•

Select the most suitable answer and write the number of the answer on the given space for question No 26 - 40.

26. Which statement is correct regarding the Hawaiian island?
1. It is located in the Atlantic Ocean. 2. It is located in the continental shelf of Africa
3. It is created as a result of volcanic activity 4. It is belonged to Asian continent (.....)

27. Some characteristics of the atmosphere are given below and it describes about which atmospheric layer?
• Temperature decreases with the altitude • There is no water vapour, clouds and dust
• Extends up to the altitude of 80km from sea level • Electronic phenomena occur in abundance.
1. Troposphere 2. Thermosphere 3. Stratosphere 4. Mesosphere (.....)

28. What is an example of a sea that is completely surrounded by land?
1. Aral Sea 2. Red Sea 3. China Sea 4. Japanese Sea (.....)

29. Which of the following is an example of two islands in the Australian continental shelf?
1. Taiwan and Philippine 2. Papua New Guinea and Tasmania
3. British Islands and Iceland 4. Madagascar and Seychelles (.....)

30. Which district in Sri Lanka has the least of land used for paddy cultivation?
1. Badulla 2. Anuradhapura 3. Nuwara Eliya 4. Ampara (.....)

31. A - Rainfall above 1900mm B - Gently sloppy hilly areas below 300m in height
C - Temperature between 15^0c - 25^0C D - kaboc mixed red soil
Among the above mentioned factors, the most suitable for rubber cultivation is,
1. A & C 2. B & C 3. B & C 4. C & D (.....)

32. Which of the following is not a minor geo plate?
1. Philippine plate 2. Arabian plate 3. Nazcar plate 4. Eurasian plate (.....)

33. A - The zone with highest temperature B - Occurrence of seasons
C - Rainfall through out the year D - Occurrence of snowfall and fog

Among the above mentioned features, the features of tropical climate are,
1. A & C 2. A & B 3. B & D 4. B & C (.....)

34. Water in what is added to the atmosphere by the process of transpiration?
1. in the oceans 2. in rivers and lakes 3. in the leaves 4. in the soil (.....)

35. Select the answer that shows only the physical features contained in a 1 : 50 000 topographical map.
1. River, Mountain range, forests 2. Mountain range, tank, dam
3. River, valley, irrigation canal 4. Court, police station. School (.....)

36. Which of the following answers is not a thematic map?
1. Road map of Sri Lanka 2. Population density map of Asia
3. Relief map of Africa 4. Topographical map. (.....)

• **Carefully study the inter connected pairs of topics given in A , B, C and D and answer the questions from No 37 - 40**

A	B	C	D
1. Food production	1. Global temperature	1. Health facilities	1. Forest cover
2. Population growth	2. Industrialization	2. Mortality rate	2. Agriculture

37. What is the pair of topics which indicates an increase in the first will cause a decrease in the second?
1. A 2. B 3. C 4. D (.....)

38. What is the pair of topics which indicates an increase in the first is caused by the second ?
1. A 2. B 3. C 4. D (.....)

39. What is the pair of topics which indicates an increase in the first will cause an increase in the second too?
1. A 2. B 3. C 4. D (.....)

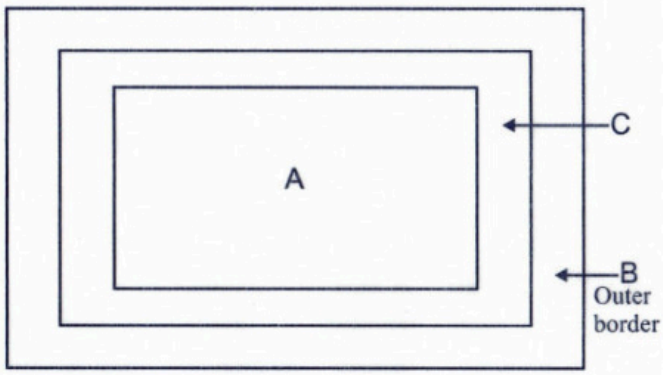
40. What is the pair of topics which indicates a decrease in the first is caused by the second?
1. A 2. B 3. C 4. D (.....)

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Grade - 10	Second Term Test - 2024	61 E I,II
Index No.....	Geography II	Time - 02 Hours

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.

01. A) Study the modal of 1 : 50 000 map given below and write the answer for the following questions.



I. Write two information shown in the upper margin of the outer border. (1m)
ii. Key in the lower margin of the outer border is prepared under 8 main topics. Write 2 of them (1m)
iii. Name the border shown by letter (C) and write one information shown their. (1m)
iv. Write two ways that can be used to show the location of a certain place (1mark)
v. Draw the liners scale of 1 : 50 000 topographical map (2m)
vi. Draw how 4km^2 of paddy field is represented on the 1:50 000 topographical map. (2m)
vii. Identify and the two cultural features shown below.

a.

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 infront of each question from (I)to (v). Selcet the letter that indicates the correct answer from the world map and write it in the adjacent box.

I.	Atlas Mountains	- A,B,C	
ii.	Bahamas islands	- D,E,F	
iii.	River Yenisei	- K,L,M	
iv,	Beaufort sea	- S,T,U	
v.	Argentina	- X,Y,Z	(5m)

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 infront of each question from (I)to (v). Select the letter that indicates the correct answer from the Sri Lanka map and Wri te it in the adjacent box

I.	Pearl Pearl reef	- A,B,C
ii.	Inginiyagala	- D,E,F
iii.	Mannar Bay	- J,K,L
iv.	Lunuwila	- P,Q,R
v.	Galle	- X,Y,Z (5m)

02. I. What is meant by " Biosphere"?

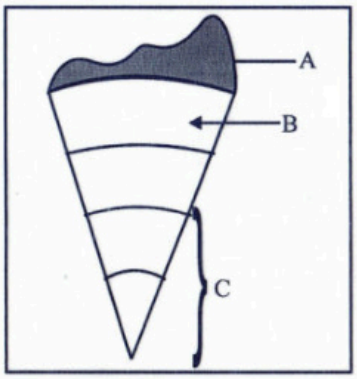
ii. a. Write a human activity effect on the destruction of the equilibrium of the biosphere.

b. Write the names of main factors which affect the processes in the biosphere. (3m)

iii. a. Write two ways of distribution of the surface water of the earth?

b. Briefly explain two measures that can be taken to prevent future water shortages due to declining water quality. (5m)

03. I. Name the two layers shown by letter (A) and (B) in the following diagram showing the structure of the earth respectively. (2m)



ii. a} Name the discontinuity which divides the two layers shown by (A) and (B)

b} Write the two main sectors included in layer (A) (3m)

iii. a} Write 2 significant feature of layer (C)

b} Briefly describe 3 effects on lithosphere due to the utilization of resources of it by man. (5m)

04. I. a} Name a prominent mountain range in North America and

b} a prominent plain in Asia respectively (2m)

ii. Write the respective names of the topographical features described below (3m)

a} Elevated terrain surrounded by mountains with summits of equal or near equivalent

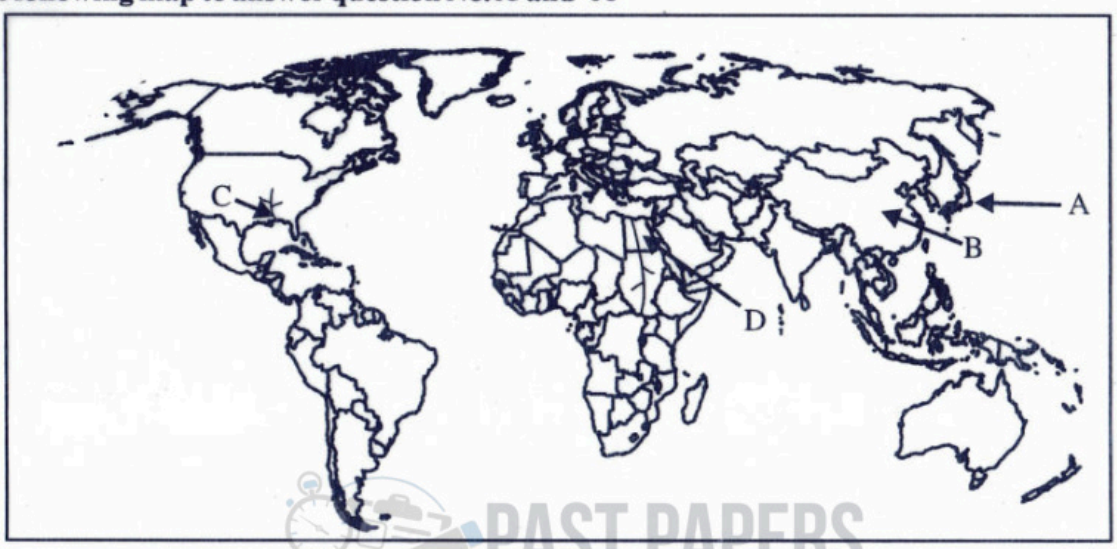
b} Small landmasses of various shapes surrounded by water.

c} Land form features that stretch with a higher elevation having a variety of slopes and several peaks.

iii. a} Write 2 reasons for the widespread utilization of plain regions for human habitation

b} Describe the importance of rivers and lakes on human activities using two facts. (5m)

- **Use following map to answer question No.05 and 06**



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05. I. Write 2 factors affected for the establishment of industries. (2m)

ii. a} Name the East Asian country shown by letter (A) which is famous for iron and steel industry.

b} Write 2 factors contributed for the establishment of iron and steel industry in above mentioned country. (2m)

iii. a} Write 2 features of the iron and steel industry (2m)

b} Mention two recent trends in iron and steel industry and briefly describe one of them. (3m)

06. I. Write the regions shown by letter C and D which engage in paddy cultivation outside the Asia respectively. (2m)

ii. a} Name the country engage in commercial grain cultivation shown by letter B on the map.
b} Write the type of soil suitable for paddy and wheat cultivations separately. (3m)

iii. a} Write two features of paddy cultivation in the world.
b} Briefly describe three reasons for the consideration of wheat as the prominent grain in the world market (2m)

07. I. a} Write a district famous for up country tea and
b} Mid - country tea respectively (2m)

ii. Write the following physical conditions required for tea cultivation.
a} Soil -
b} Temperature-
c} Rainfall - (3m)

iii. a} Write two countries in European union that buy rubber products from Sri Lanka
b} Briefly describe two problems associated with the rubber cultivation in Sri Lanka (5m)

08. Long beans Leeks Beans Brinjals

i. Write two vegetables cultivated in the up country among the above given vegetables (2m)

ii. a} Write a district in Sri Lanka where banana cultivation is common.
b} Write two reasons that influenced the government's focus on dairy farming in livestock farming

iii. a} (i) Write one environment problem and
(ii) a problem related to market associated with the agriculture in Sri Lanka.
b} Briefly describe the importance of agriculture towards the economic of Sri Lanka using two facts. (5m)

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வடமேல் மாகாணக் கல்வித் திணைக்களம்
Provincial Department of Education - NWP

10 ශ්‍රේණිය	දෙවන වාර පරීක්ෂණය - 2024	61 S II

භූගෝල විද්‍යාව II - Geography II - புவியியல்

Name / Index number : .....

01. (අ/A/அ)

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10

(i) .....

(ii) .....

(iii) .....

(iv) .....

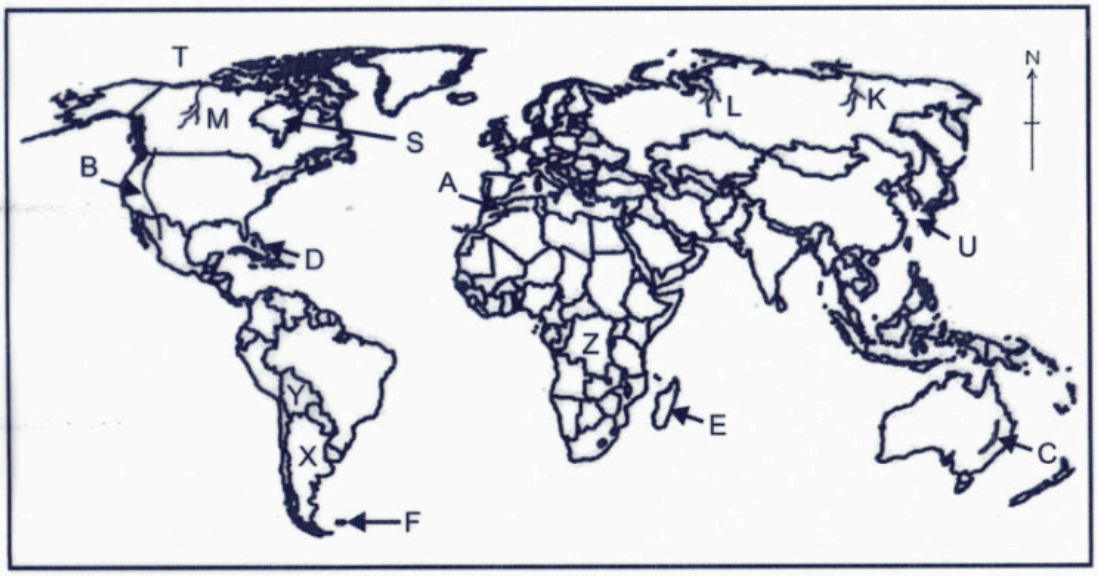
(v) .....

(vi) a.....

b.....

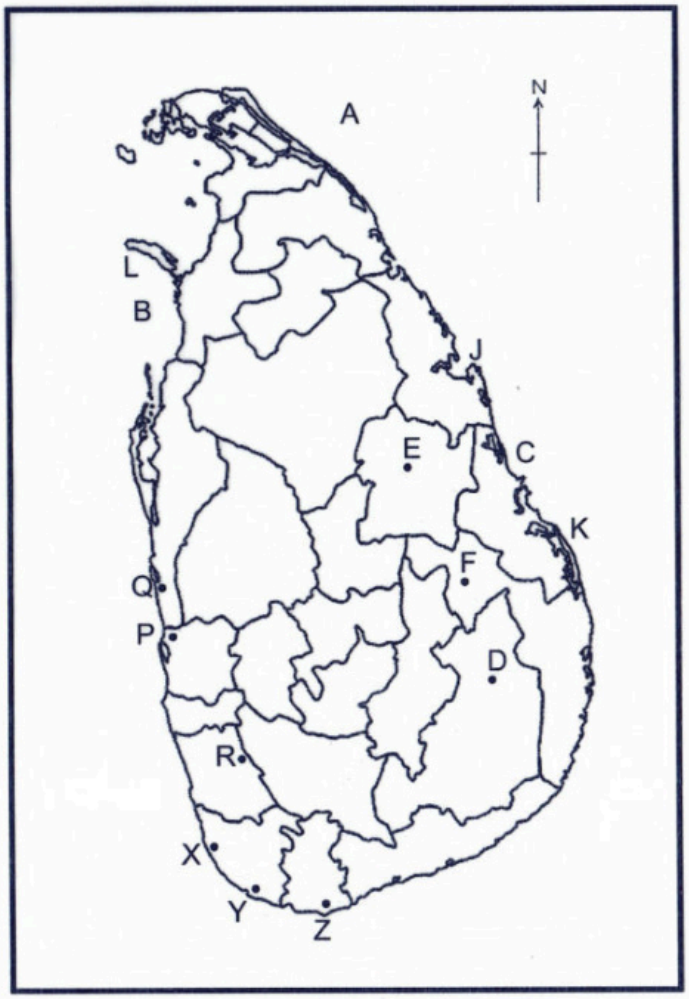
(vii).....

(අ) /(ஆ) / (b)



(i)
(ii)
(iii)
(vi)
(v)

(ඉ) /(இ) / (c)



(i)
(ii)
(iii)
(vi)
(v)

1. (අ) (அ) (a) $\frac{}{10}$ (අ) (ஆ) (b) $\frac{}{5}$ (ඉ) (இ) (c) $\frac{}{5} = \frac{}{20}$

Geography Answer Sheet (61)
Grade 10
Paper I

01 510	11 C	21 2011	31 2
02 Temperature	12 F	22 2010	32 4
03 Titicaca	13 F	23 2009	33 1
04 Frigid	14 C	24 2009	34 3
05 Matale	15 C	25 Twin bar graph	35 1
06 Convectional currents	16 2	26 3	36 4
07 Temperature	17 3	27 4	37 3
08 Biosphere	18 2	28 1	38 2
09. Surface runoff	19 1	29 2	39 1
10. Pacific	20 4	30 3	40 4

Paper II

01. A) I. Name of the map, type of the map, number of the map (two correct answer = 1m)
ii. Administrative boundaries, tourist information, Roads and associated features, Railways and associated features, Drainage, Relief, Vegetarian, Other feature. (two correct answer = 1m)
iii. Inner boarder - values of national grid system terminus of roads and the distance to them from the border are mentioned. (2m)
iv. 1. According to latitudinal and longitudinal values.
2. According to national (metric) coordinates (1m)
v. Grand marks for correct linear scale
When constructing the linear scale
Draw a horizontal line of 10cm in length and divide into sections of 2cm (1km)
Omit the first 2cm and number the other as 0,1,2,3,4
To the left from the zero, mark 1. Divide that section into 10 sub division of 2mm to indicate the distance of 1/10 of a kilo meter. 100m on land represented by one such part.(to show very short distance)

vi. Draw a 4cm x 4cm square and colour it in green. (2m)
vii. a} Board gauge single track
b} Sub post office

B) C)

I. A	I. B
ii. D	ii. D
iii L	iii L
iv T	iv Q
v X	v Y

Part II

02. I. The total ecological systems integrating plant and animal life which constantly interact with the Earth is termed biosphere (2m)
ii. a} Destruction of habits of wildlife, soil erosion, infertility of soil, destruction to eco systems, water pollution etc.(1mark)
b} Living components and non - living components. (2m)
iii. a} In the oceans , rivers, lakes reservoirs, streams etc. (2m)
b} Use water sparingly, preventing over utilization, recycle water and reuse, protection of forest cover, conservation of catchment etc. (3m)

03. I. A - Crust B - Upper mantle
ii. a} Mohorovicic discontinuity (1m)
b} Continental crust and Oceanic crust (2m)
iii. a} The core is located below the mantle of the earth. According to the composition, it is divided in to two parts, namely the inner core and the outer core. consists of a thick metal layer and it extends to a depth of 1220km from the outer core etc. (2m)
b} The occurrence of land degradation due to excavation of land to obtain mineral resources
Intensification of soil erosion as a result exposure of land due to clearing of forests.
Changes seen in the surface landscape
Changes in the ground water level.
Damage to certain layers of the lithosphere as a result of disposal of domestic and industrial waste. (3m)

04. I. a- Rocky mountain range
b - Great Siberian plain, Manchurian plain, North Chinese plain, Indo-Gangatic plain etc (2m)
ii. a} Plateau b} Islands c} Mountain range (3m)
iii. a} Easy to build settlements, easy to construct roads, easy to build buildings, easy to do agriculture etc. (2m)
b} Great lakes and rivers in Europe are examples to transportation. Many rivers in Europe are breading centers for fishing industry. Production of hydro - electricity. tourist attractions etc. (3m)

05. I. Power and energy, transportation, raw material, state policies, infrastructure facilities etc. (2m)

ii. a} A - Japan b} Harbour facilities for exports and imports, availability of market etc. (2m)

iii. a} Diverse qualitative feature of Iron and steel (durability, Capacity to bear weight, flexibility, ability to withstand stock, profitable production). Ability to improve quality by mixing with other metals (Aluminum, Copper). Ability to recycle after discarding (old iron, scrap iron). All the countries use iron and steel as a base metal for various products etc. (2m)

b} Ability to smelt iron using alternative source of energy, For example : an electric furnace could be used as an alternative for smelting iron ore. Some countries which were prominent in production of iron and steel in the past have h=gradually receded from the market. As there is an increase in demand for steel Strom East Asian countries, a new market has been created (China, South Korea). With the development of electronic technology, various utilities are created. Certain countries export steel as well as import steel in the international trade. (for example China and South Korea) There is a tendency to locate industrial based on factors such as capital and availability of a market rather than focusing on factors such as availability of iron - ore, raw materials and coal etc. (3m)

06. I. C - Nile delta in Africa D - Mississippi Valley in North America (2m)

ii. a} B - China (1m)

b} Paddy - Alluvial Wheat - Chernozem soil (2m)

iii. a} Cultivation of paddy in small blocks of land for domestic consumption in countries like Sri Lanka and Bangladesh. Cultivation of paddy on a commercial basis in countries like India, Japan , United States of America, China, Pakistan , Thailand and Vietnam. Paddy is mostly a labour intensive crop in Asia countries etc. (3m)

b} Wheat is consumed as the staple food by the majority of world population. As a result, Wheat is cultivated in large scale farm lands on a commercial basis. Wheat is processed in various methods for human consumption and its by - products are used as animal fodder etc. (3m)

07. I. a- Nuwara Eliya b - Kandy . Matale . Badulla (2m)

ii. a - Loamy laterite soil b - Temperature between 150 C - 270 C C - Rainfall between 1900 mm - 5400 mm (3m)

iii. a} Austria, Belgium, France, Germany, Greece, Italy etc. (2m)

b} Low yields due to use of land over a long period. Scarcity of lands and fragmentation. Using rubber land for other purposes. Factories not being modernized. Challenge from other countries. Challenge from substitutes etc.(3m)

08. I. Leeks, Beans (2m)

ii. a} Hambantota, Monaragala, Ratnapura (1m)

b} To save the foreign exchange spent on the import of milk powder and to develop adequate nutrition levels of Sri Lankans (2m)

iii. a} I. Facing epidemics and diseases caused by insects.

Eg : Coconut - disease by beetles, mita attacks.
Vegetables and fruits - by mealy bugs
Dairy farming - hoof and mouth disease

- Destruction of crops due to floods, landslides, droughts, heavy rain
- Problems created in the fishing industry through cyclones, Ocean currents and Tsunami conditions.
- Health problems occur because of the pollution of water, land and air due to use of fertilizers, insecticides and weedicides.
- Extinction of animals and plants essential for the existence of the eco system.
- Releasing parts of plants and animal harmful to the environment

a} ii. - Insufficient purchasing centers (Eg: paddy , vegetable, fruits, milk)
- Existance of non stable price in local and foreign market.
- Increase in local consumption has resulted in limitating exports. (Eg: Paddy, coconut)
- the income farmers has decreased because of intermediaries (Eg: Paddy, Vegetables, fruit, milk)
- Price fluctuations in the international market.
- Challenge from substitutes Eg : Rubber - Synthetic rubber, Tea - beverages
- Challenge from other countries Eg : Tea - Kenya, Rubber - Malaysia
- Low quality goods being exported to the international market
(Eg :- blending other varieties of tea with Sri Lanka tea) (2m)

b} Contribution to the Gross National Product. Contribution to the labour force etc. (3m)

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