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PROVINCIAL DEPARTMENT OF EDUCATION-NORTH WESTERN PROVINCE

THIRD TERM TEST - 2020

Grade 10 # GEOGRAPHY - I **Three Hours.**

Name / Index No. :

- **Answer all the questions.**

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

01 50% of the total air content of the atmosphere is present in the region that extends up to ..... from the earth's surface. (120km / 80km / 5-6km)

02 Continent of ..... is the second largest continent in the world. (Europe / Africa / North America)

03 Tea is discovered by ..... to the world. (Europeans / Arabians / Chinese)

04 Among the paddy cultivated areas in Sri Lanka, Kurunegala district belongs to the ..... (wet zone / dry zone / Intermediate zone)

05 Mica (Plumbago flakes) are distributed in ..... (Kahatagaha mines / Ragedara / Pallekelle)

06 ..... used in the sea fishing industry belong to the category of traditional gear. (Triple net / Gill net / Cast net)

07 The continental crust consists of ..... rocks. (Silica / Granitic / Magnesium)

08 Lake ..... is the largest lake in the world. (Bickle / Victoria / Superior)

09 Mariana ternch is located in the ..... ocean. (Atlantic / Pasific / Arctic)

10 The survey Department of Sri Lanka has printed Sri Lanka into ..... parts according to map sections. (76 / 92 / 84)

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

11 The temperature decreases by 6.4ºC for every 100m is called lapes rate. (T / F)

12 Madagascar is located in the continent of Africa. (T / F)

13 A Paddy Research Institution is located in Rajanganaya. (T / F)

14 About 2/3 of the buffaloes are reared in the dry zone areas of Sri Lanka. (T / F)

15 Paddy can be cultivated in terraced method in all over the world. (T / F)

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- **Select the answer by matching 'A' and 'B' and write the number of the answer on the dotted line for question no. 16 to 20.**

16 Side 'A' shows some plateaus in the world and side 'B' shows the continents that they are located.

"A"		"B"	
1.	Biye plateau	A	Continent of North America
2.	Tibet plateau	B	Continent of Africa
3.	Brazelian plateau	C	Continent of South America
4.	Mexico plateau	D	Continent of Asia

(1) ACDB (2) BDCA (3) BDAC (4) DBCA (.....)

17 Side 'A' shows oceans in the world and side 'B' shows rivers that flow into above oceans.

"A"		"B"	
1.	Arctic Ocean	A	Amerzon river
2.	Atlantic Ocean	B	Amur river
3.	Pasific Ocean	C	Indu river
4.	Indian Ocean	D	Leena river

(1) DABC (2) ABCD (3) DCBA (4) BDAC (.....)

18 Side 'A' shows the minor export crops and side 'B' shows the distributed areas.

"A"		"B"	
1.	Cardamon	A	Mannar
2.	Citronella	B	Kegalle
3.	Cashew	C	Ratnapura
4.	Cinnomon	D	Matara

(1) ACDB (2) BCAD (3) BDAC (4) CDAB (.....)

19 Side 'A' shows the gases in the atmosphere and side 'B' shows the volume of the gases.

"A"		"B"	
1.	Oxygen	A	0.00006%
2.	Carbondioxide	B	0.03%
3.	Argon	C	0.93%
4.	Ozone	D	20.95%

(1) CBDA (2) DACB (3) DBCA (4) BACD (.....)

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20 Side 'A' shows the information of 1:50000 topographic map and side 'B' shows the places where information are mentioned in a map.

"A"		"B"	
1.	Name of the map	A	Lower margin of the outer border
2.	Showing Direction	B	Inner border
3.	Physical and cultural features	C	Map face
4.	National (Metric) Coordinates	D	Upper margin of the outer border

(1) ACBD (2) BADC (3) DBCA (4) DACB (.....)

- **Complete the following statements using suitable words for question No. 21 to 30.**

21 The ..... are landform features that stretch with a higher elevation having a variety of slopes with several peaks.

22 River ..... originates from melted glaciers.

23 The largest quantity of fish is obtained from the .....

24 Japan has planned to manufacture mostly light vehicles and ..... vehicles after 2020.

25 ..... reports written by various tourists reveal that Sri Lanka is an attractive country.

26 The lithosphere consists of a number of ..... that move very slowly in relation to one another.

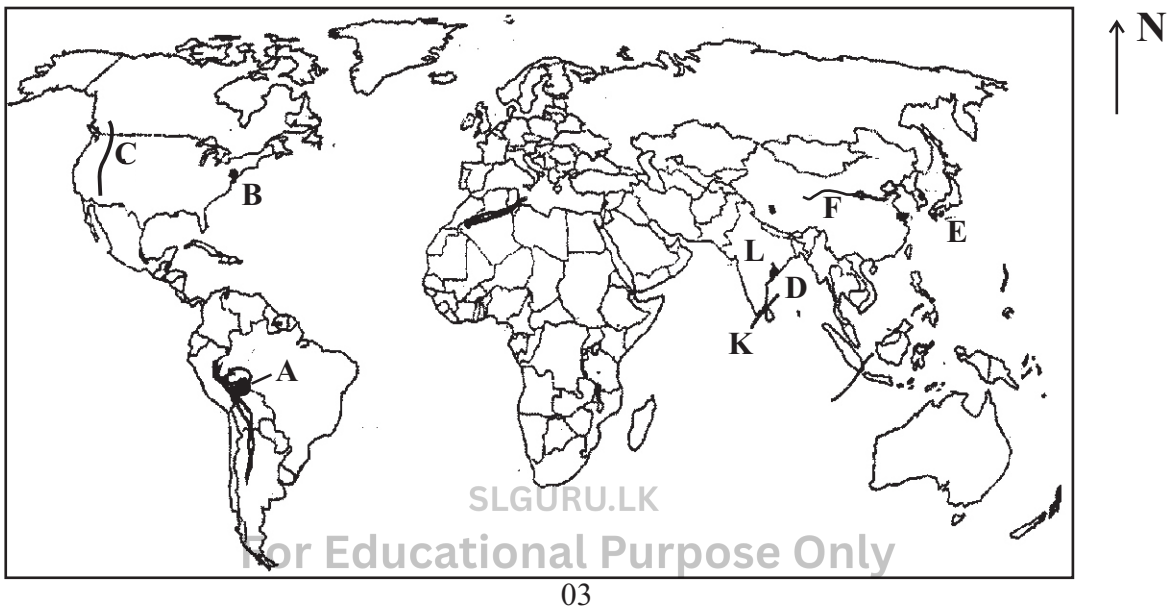
27 ..... river is started from lake victoria.

28 Towards the end of 1960, paddy cultivation expanded rapidly due to the ..... revolution.

29 Dairy cattle resource center has been established at ..... to exchange locating cows.

30 ..... is the general condition of the atmosphere that prevails with in a long period of time.

- **Study the given map and answer the questions from 31 to 35.**



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31 Titicaca lake is shown by letter .....

32 Howang Ho river or Yellow river is shown by letter .....

33 Rocky mountain range is shown by letter .....

34 Letter K shows the ..... strait which is located between Sri Lanka and India.

35 Letter E shows the ..... islands which are located in the Pasific Ocean.

- **Select the most suitable answer and write the number of the answer on the given space for question no. 36 to 40.**

36 A monopoly on the capital of industries regarding the industries of the world is depended on,

(1) State entrepreneurs of powerful countries.

(2) Some Socialist countries including China.

(3) Multinational companies of developed countries.

(4) Famous state companies of the world. (.....)

37 According to the international Ocean law, the Exclusive Economic zone is,

(1) The boundary from Coast to 12 nautical miles.

(2) The boundary from 12 to 24 nautical miles.

(3) The boundary from 24 to 200 nautical miles.

(4) The boundary from Coast to 200 nautical miles. (.....)

38 Location of Koalin and Felspa deposits respectively are,

(1) Boralasgamuwa, Dediyawala (2) Meetiyagoda, Raththota

(3) Raththota, Boralasgamuwa (4) Dediyawala, Meetiyagoda (.....)

39 If the distance between two locations on 1:50,000 topographic map is 12cm, what is its distance is kilometers in real land?

(1) 24 (2) 4 (3) 3 (4) 6 (.....)

40 In which continental shelf that Papua Newgunia and Thasmenia islands are located ?

(1) Asian continental shelf (2) Australian continental shelf

(3) Africa continental shelf (4) America continental shelf (.....)

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PROVINCIAL DEPARTMENT OF EDUCATION-NORTH WESTERN PROVINCE

THIRD TERM TEST - 2020

Grade 10 GEOGRAPHY - II

Name / Index No. :

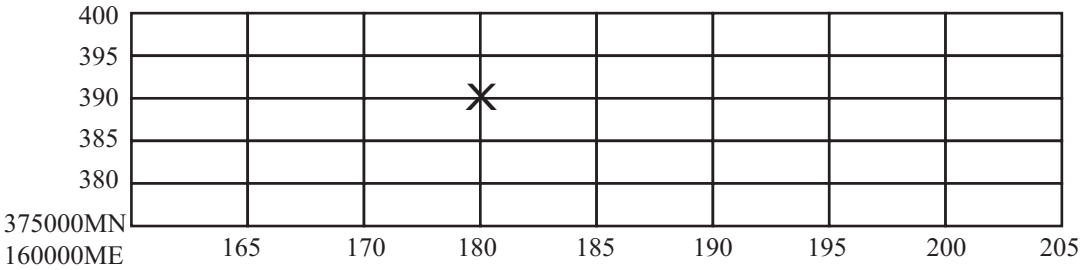
- **There are two parts I and II in this paper. Answer the first question in the Part I is compulsory. Write answers for 04 questions from Part II.**
- **Altogether Answer 05 questions.**

PART - I

(01) (A) (i) What is the size of the land represented by $2cm^2$ on a topographic map? (01m.)

(ii) Mention 2 ways indicating the North direction of 1:50,000 topographic map. (02m.)

(iii) Write the National Metric Coordinates for the area marked by 'X' in the note below. (02m.)



(iv) Write two methods that show the scale of 1:50,000 topographic map. (02m.)

(v) What is the projection used to create the 1:50,000 topographic map of Sri Lanka? (01m.)

(vi) Draw a $2km^2$ paddy field using the relevant colours and symbols. (02m.)

(B) **Study the given map of the world and write answers for the questions.**



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(i) The letter stands for Amerzon forest among the letters A, B and C.

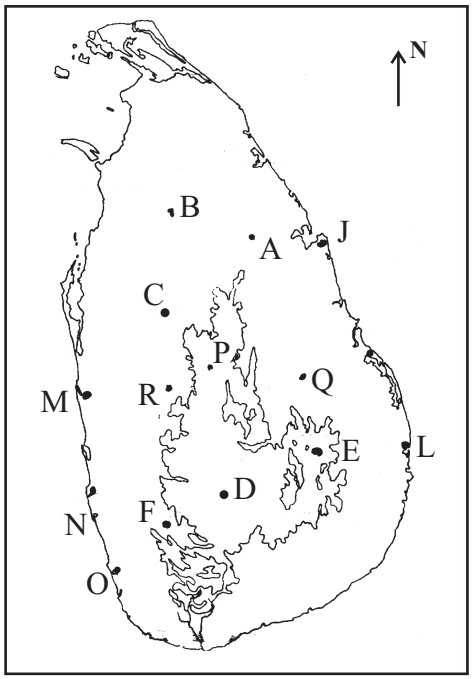
(ii) The letter stands for Thasmenia island among the letters D, E and F.

(iii) The letter stands for Mexico bay among the letters G, H and J.

(iv) The letter that show Ural mountain range among the letters K, L and M.

(v) The letter that stands for lake Victoria among the letters P, Q and R.

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



(i) The letter that shows Mahailluppallama paddy research institution among the letters A, B and C.

(ii) The letter that shows Nuwara Eliya where diary cattles are reared among the letters D, E and F.

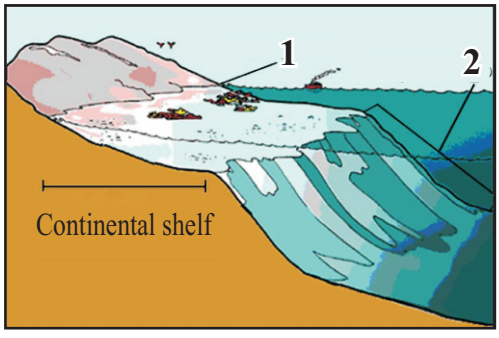
(iii) The letter that shows Kalmune where fish are dried up among the letters J, K and L.

(iv) The letter that shows Panadura where boat building industry is located among the letters M, N and O.

(v) The letter that shows the district where Moragahakanda resivor among the letters P, Q and R.

PART - II

(02) (i) Name the 2 parts shown by no.1 and 2 in the following picture. (02m.)



(ii) (a) What is continental shelf? (02m.)

(b) Write an advantage that a country located as an island. (01m.)

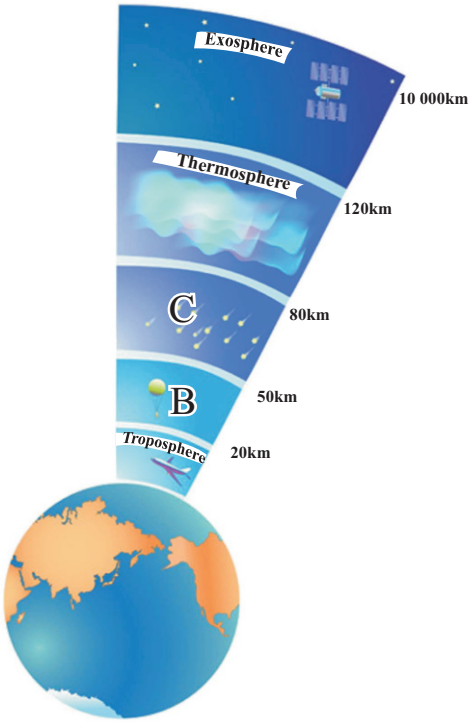
(iii) (a) Write 2 islands created due to the volcanic eruption in the sea bed. (02m.)

(b) Write 2 human activities related to the mountainous region and explain one of them. (03m.)

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(03) Following figure shows the layers of the atmosphere.



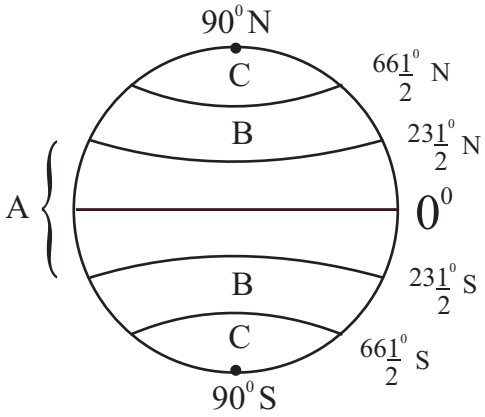
(i) Name the two layers shown by letters B and C respectively. (02m.)

(ii) Write 3 specific features of the toposphere of the atmosphere. (03m.)

(iii) (a) Write 3 ways that water can be seen on the Earth. (02m.)

(b) At present, the quality of water is deteriorating due to the impact of various human activities. Write 2 of them and explain one of them. (03m.)

(04) Following figure shows the latitudes on a geographic globe.



(i) Name the 2 Climatic zones shown by A and C in this globe. (02m.)

(ii) (a) Write a specific Climatic type in the B zone. (01m.)

(b) Write 2 countries that above mentioned climate types can be seen. (02m.)

(iii) Name the region where temperature is above 18ºC through out the year and write two more distinctive climatic features of that region. (05m.)

(05) (i) Write 2 river valleys that spreaded paddy cultivation out side Asia. (02m.)

(ii) Write 2 physical factors and 1 human factor that are necessarry for paddy cultivation. (03m.)

(iii) (a) Write 2 reasons that affect to the development of the wheat cultivation in the world. (02m.)

(b) Write 2 distinctive features of wheat cultivation and explain one of them briefly. (03m.)

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(06) (i) Write one each district in Sri Lanka that following commercial plantations are distributed.

* Tea * Rubber (02m.)

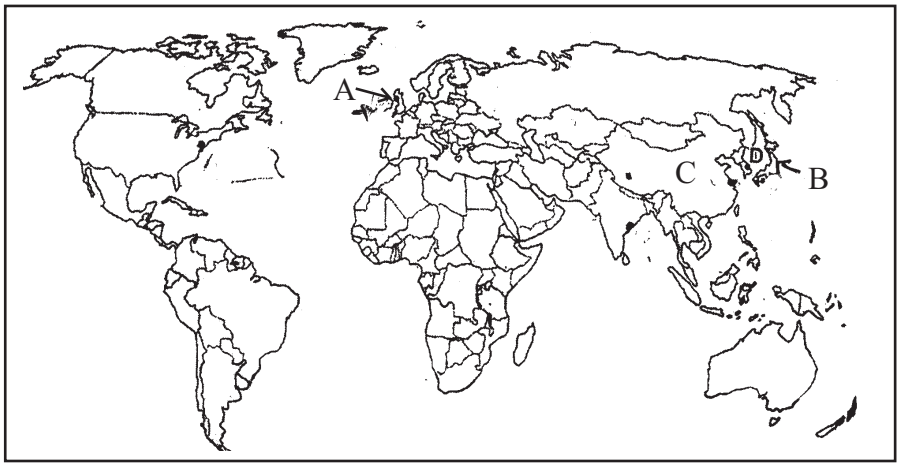
(ii) Name the place where Rubber Research Institute is established and write 2 physical factors that affect to the distribution of Rubber plantation. (03m.)

(iii) (a) Name the main region that buy Sri Lanka tea and write a country of that region. (02m.)

(b) Write 3 advantages that Sri Lanka economy receives by developing tea plantation. (03m.)

(07) (i) Write 2 special properties of iron and steel that have contributed to the development of the iron and steel industry in the world. (02m.)

(ii) (a) Name the country that is famous for iron and steel industry that is shown by letter A. (01m.)



(b) Write 2 main factors that influence the location of iron and steel industry in above mentioned country. (02m.)

(iii) (a) Letter B and C show the prioneer countries for electronic industry in this map. Name those two countries. (02m.)

(b) Write 3 specific features of electronic industry. (03m.)

08 (i) Study the given map and name the two tourist zones shown by letter B and D. (02m.)

(ii) (a) Write one step that has been taken by the government to develope the tourist industry in Sri Lanka. (01m.)

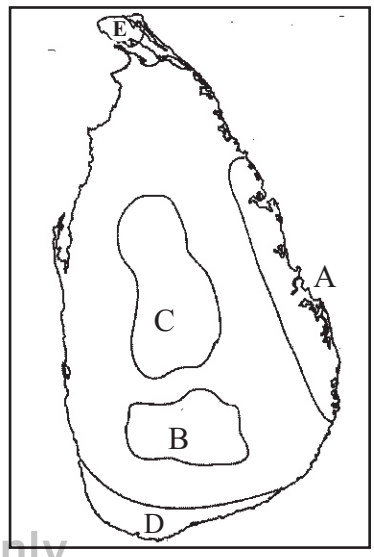
(b) Write 2 problems due to the tourist industry. (02m.)

(iii) (a) Write the traditional industries that are distributed in following areas.

* Pilimathalawa

* Weweldeniya (02m.)

(b) Write 2 steps that has been taken by the government to develope the cottage industry in Sri Lanka and explain one of them. (03m.)



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ANSWERS PAPER - I

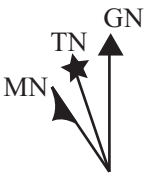
01 5 - 6 km
02 Africa
03 China
04 Intermediate
05 Pallekelle
06 Cast net
07 Granite
08 Superior
09 Pasific
10 92
11 ×
12 ✓
13 ×
14 ✓
15 ×
16 (2)
17 (1)
18 (3)
19 (3)
20 (4)
21 Mountain range
22 Rhine river
23 Coastal
24 Hybrid
25 Expeditionary
26 Tectonic plates
27 Nile
28 Green
29 Meewanapalana
30 Climate
31 A
32 F
33 C
34 Palk
35 Japanese
36 (3)
37 (3)
38 (1)
39 (4)
40 (2)

(1 x 40 = 40 marks)

PAPER - II

PART - I

(01) (A) (i) $1km^2$ (01m.)

(ii) 

True North - TN
Magnatic North - MN
Grid North - GN Give marks for 2 ways (02m.)

(iii) 390000 MN (To North M)
180000 ME (To east M) (02m.)

(iv) Linear Scale / Representative fraction (02m.)

(v) Transverse Mercator Projection (01m.)

(vi) 2cm - length 4cm - width square / Border - green / Middle - Yellow (02m.)

(B) (i) C (ii) E (iii) G (iv) M (v) Q

(C) (i) C (ii) D (iii) L (iv) N (v) P

PART - II

(02) (i) 1. Coastal belt 2. Continental slope (02m.)

(ii) (a) The shallow sea strip that stretches towards the ocean from the continental boundary is known as the continental shelf. (01m.)

(b) have oceanic resources / have coastal belt / no problems regarding safety (02m.)

(iii) (a) Hawai / Iceland (02m.)

(b) hill climbing / tourist industry / snow games / cultivate in terraced method etc., (facts - 2 marks, description - 1 marks) (03m.)

(03) (i) B Stratosphere C Mesosphere (02m.)

(ii) * decrease temperature due to altitude.

* occure climatic phenomena.

* help to existance of the biosphere. (03m.)

(iii) (a) Solid / liquid / gas (02m.)

(b) * Addition and release of various chemicals and carbonic matter into the water used and released by industries.

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* The mixing of fertilizers 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 waste matter and sewage. (03m.)

(04) (i) A Tropical zone C Frigid zone (02m.)

(ii) (a) Mediterranian climate (01m.)

(b) 2 countries around mediterranion sea. (Italy / Portugal / Turkey) (02m.)

(iii) (a) Tropical Climate (01m.)

high rainfall / high temperature / rainfall throughout the year / seasonal changes cannot be seen / dry and wet periods can be seen (2 marks for 2 facts)

(05) (i) The po river valley in Italy / The Nile delta in Africa / The Mississipi and the Sacramento river valleys in North America / The Murray Darling valley in Australia / Madagascar. (02m.)

(ii) Physical factors -

27ºC temperature / 2000 mm rainfall / Alluviual soil / plain lands (02m.)

Human factors -

Human labour / from preparing land to harvesting (01m.)

(iii) (a)
* Most of the people use wheat in the world.
* Cultivation is done in large scale.
* Consumption of various types of food items prepared with wheat.
* invest the capital. (02m.)
* Use of different types of wheat with a high yield.
* Use pestisides and weedisides.

(2 marks - facts, 1 mark - description) (03m.)

(b)
* The per capita yield is increased.
* Wheat cultivation is a monoculture and the cultivated lands are extensive.
* Use of advanced technological methods.
* Prevalence of an extensive market.
* Mechanization of wheat cultivation.
* Use of different types of wheat with high yield.
* Consumption of various types of food items prepared with wheat.

(06) (i) Tea - Nuwaraeliya, Kandy, Matale, Badulla, Galle, Matara

Rubber - Kegall, Rathnapura, Kalutara, Colombo, Gampaha (02m.)

(ii) Agalawatta (01m.)

Physical factors

* more than 2000 mm rainfall.
* Average temperature 27ºC.
* Caboc mix red soil.
* Gentle slope high lower than 300m. (02m.)

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(iii) (a) Middle east region (01m.)(Iran / Iraq / Siria / Jordan) (01m.)

(b) * create job opportunities

* receive foreign exchange

* develope infrastructure facilities

* local development (03m.)

(07) (i) durability / flexibility / cheap production / resist to vibration (02m.)

(ii) (a) Britain (01m.)

(b) Can easily get iron and steel / have harbour facilities for import

(ii) (a) B - Japan C - China

(b) * A large amount of capital has been invested.

* Research continues till the final product is brought out.

* Contribution to the production and ownership belong to multi-national corporations very often.

* New products are launched to meet the competitive market.

* Maintained as an assembling industry.

* Very complex subtle equipment and appliance are produced. (03m.)

(08) (i) D Southern coastal areas B Central hills (02m.)

(ii) (a) * The rapid development of facilities for tourist.

* Patronage given by the state and private investors.

* Attention given by the Universities and other institutions to provide skilled labour required for tourism and hospitality trade.

(01m.)

(b) * Adverse effects on the natural environment.

* The effects that the tourist industry has on the socio - cultural environment.

* Adding polythene and plastic.

* Drugs become famous. (page 133) (02m.)

(iii) (a) Pilimathalawa - Brass ware

Wewaldeniya - Cane products (02m.)

(b) * Implementation of the Divineguma development programme.

* Establishment of Craft Villages.

* Handicraft development programme.

* Training labour for cottage industries.

* Encouraging producers by holding exhibition.

(2 facts - 2 marks - description - 1 mark (03m.)

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