

First Term Test - Grade 11 - 2018

Time : 1 Hours

*** Write the most suitable answer on the given space by selecting from brackets for Question no 1 to 10.**

01. extends up to 50km to 80km from the sea level.
(Troposphere/ Stratosphere/ Mesosphere)
02. According to the structure of the Earth, 2/3 of its mass belong to
(crust/ mantle/ core)
03. forests are distributed between 30° to 50° North and South latitudes on the Earth.
(Tropical/ Temperate/ Coniferous)
04. Thasmenia island is located in the continental self. (Asian/ African/ Australian)
05. The Rubber Research Institute in Sri Lanka is located in district.
(Kalutara/ Kegalle/ Rathnapura)
06. Environmental friendly products are produced through industry.
(Iron and steel/ Cotton/ Electronic)
07. is an energy source that uses abundantly to produce electricity in Sri Lanka.
(Petroleum/ Hydro electricity/ Biomass)
08. Producing cane products which is a traditional cottage industry in Sri Lanka are mostly produced in
(Moratuwa/ Pilimathalawa/ Radawadunna)
09. Dolomite which is used to produce fertilizer in Sri Lanka is an example for rocks.
(Igneous/ Sedimentary/ Metamorphic)
10. The parent rock had completely weathered and a large quantity of organic particles are present in the horizon (A/B/C)

* If the following statements are correct circle 'T' if not circle 'F' for Question no 11 to 15.

11. Intrusive igneous rocks are formed by cooling and solidifying magma in the interior of the Earth. (T / F)
12. A plenty of fish can be taken in the coastal sea in Sri Lanka. (T / F)
13. Mid country tea is grown in highlands over 1220m. (T / F)
14. Sinharaja forest is named as a strict Natural reserve in Sri Lanka. (T / F)
15. Mineral sands are found in abundance in the coastal areas and river banks in Sri Lanka. (T / F)

* **There are two parts as A and B in following questions. Match them and select the answer for question no 16 to 20.**

16. Side A shows the river valleys and side B shows the seas that they are flow into.

- | A | B |
|--------------------|--------------------|
| 1. Nile river | A Caspian sea |
| 2. Howang Ho river | B Mediteranian sea |
| 3. Volga river | C Yellow sea |
| | D Red sea |

1. CAD 2. BCA 3. DBC 4. ADB ()

17. Side A shows the forests in Sri Lanka and side B shows the Names of trees those are in forests.

- | A | B |
|--------------------------------|-----------------------|
| 1. Dry mixed evergreen forests | A Karaba, Erameniya |
| 2. Shrubs and throny bushes | B Kirala, Diya Kaduru |
| 3. Dry mountainous forest | C Burutha, Kaluwara |
| | D Maharathmal, Aralu |

1. CAD 2. DBC 3. BCD 4. BDC ()

18. Side A shows the agricultural institutes of Sri Lanka and side B shows the areas that they are loceted.

- | A | B |
|-----------------------|-----------------|
| 1. Minor export crops | A Meewanapalana |
| 2. Organic fertilizer | B Makadura |
| 3. Diary farming | C Gannoruwa |
| | D Matale |

1. BCA 2. DCB 3. DBA 4. DAB ()

19. Side A shows some kinds of minerals and side B shows the places where they can be seen.

- | A | B |
|-------------|----------------|
| 1. Silica | A Pulmude |
| 2. Ilmanite | B Okkampitiya |
| 3. Gems | C Naththandiya |
| | D Madampe |

1. ACB 2. DBA 3. BCA 4. CAB ()

20. Side A shows the energy sources in Sri Lanka, side B shows the power stations of these energy sources.

- | A | B |
|-------------------------|------------------|
| 1. Solar power station | A Baruthakanda |
| 2. Wind power station | B Laxshapana |
| 3. Thermo power station | C Puttalama |
| | D Kerawalapitiya |

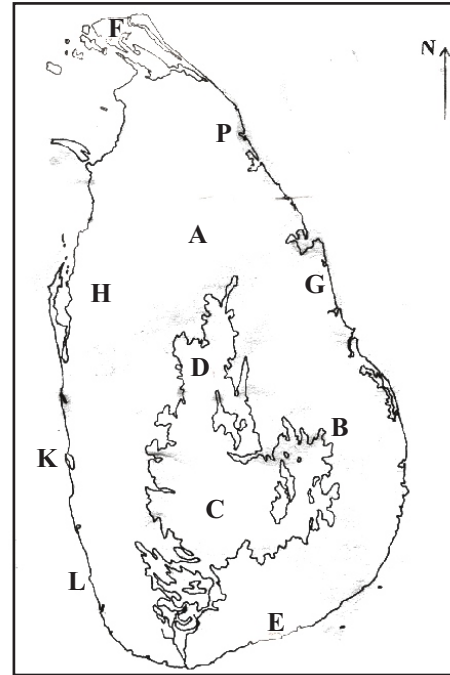
1. DBC 2. CDA 3. BAC 4. ACD ()

* **Complete the blanks using suitable words for Question no 21 to 25**

21. According to the structure of the Earth, the oceanic crust consists of rocks.
22. $23\frac{1}{2}^{\circ}$ south latitude is called tropic of
23. soil is more suitable for wheat cultivation.
24. The largest ground water basin is located in province in Sri Lanka.
25. The high density of population of the world is in the Continent of

* Use the given map of the world and answer the questions for question no 26 to 30.

26. The letter shows the Mahailuppallama Paddy Research Center.
27. The letter shows the Thabbowa tank.
28. The letter shows the district that the minor coconut triangle is located.
29. The letter shows Oddusudan where the feldspar (Bola meti) deposit is located.
30. The letter shows Negambo where produce boats.



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

31. What is the sphere that influences the increase of temperature due to the absorption of the ultra-violet rays of the sun?
1. Troposphere 2. Stratosphere 3. Mesosphere 4. Thermosphere ()
32. The lake which is located in the highest place in the world is,
1. Bical lake 2. Tanganica lake 3. Titicaca lake 4. Chad lake ()
33. What is the point that is taken to measure the width of Sri Lanka?
1. Point Pedro 2. Sangamankanda Point 3. Point Punnarin 4. Eth head ()
34. What is the crop that is used for raw material for industries but not used or food?
1. Paddy 2. Wheat 3. Rubber 4. Coffee ()
35. What is the industry that is suitable with the damaged coastal area?
1. Iron and Steel 2. Ship building 3. Automobile 4. Areoplane ()
36. What is the country that receives high quality Graphite in the world?
1. India 2. Brazil 3. Turkey 4. Sri Lanka ()
37. What is the soil that is spreaded abundantly in the low country wet zone in Sri Lanka?
1. Alluvial Soil 2. Red Yellow Podzole Soil
3. Red Brown Soil 4. Red Yellow Latazole Soil ()
38. The non metallic mineral resource that can be seen in Sri Lanka is,
1. Graphite 2. Iron Ore 3. Bronze 4. Manganees ()

* Use the given information for answering Question no 39 and 40.

- | | | |
|-----------------------|--------------------------|----------------------------|
| A - Clear the forests | B - Ground water level | C - Warm of the atmosphere |
| D - land area | E - Oceanic water level. | |

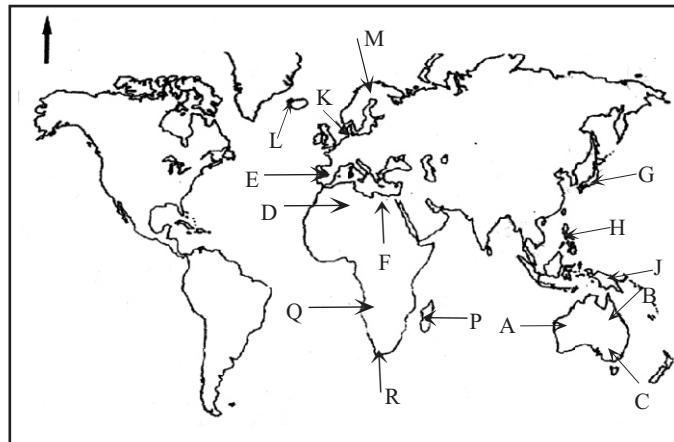
39. The answer that influnces the increasement of one reason effects on the increasement of other reason is.
1. C&D 2. C&E 3. E&D 4. A&D ()
40. The answer that influnces the increasment of one other reason is,
1. A&E 2. E&B 3. A&C 4. E&D ()

First Term Test - Grade 11 - 2018

Time : 2 Hours

Part I

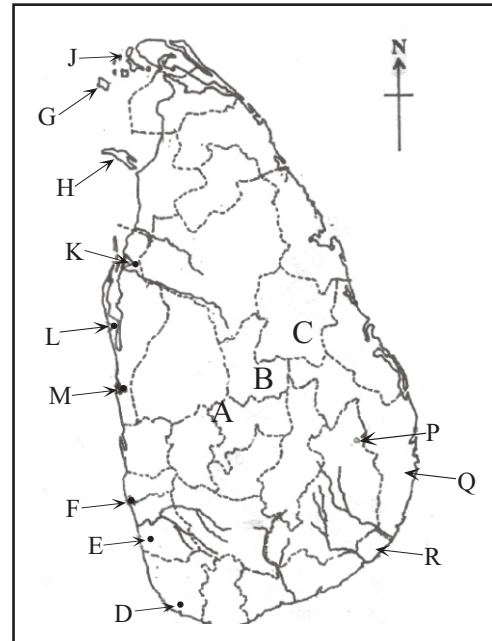
- B) Answer the following questions studying the given map of the world.



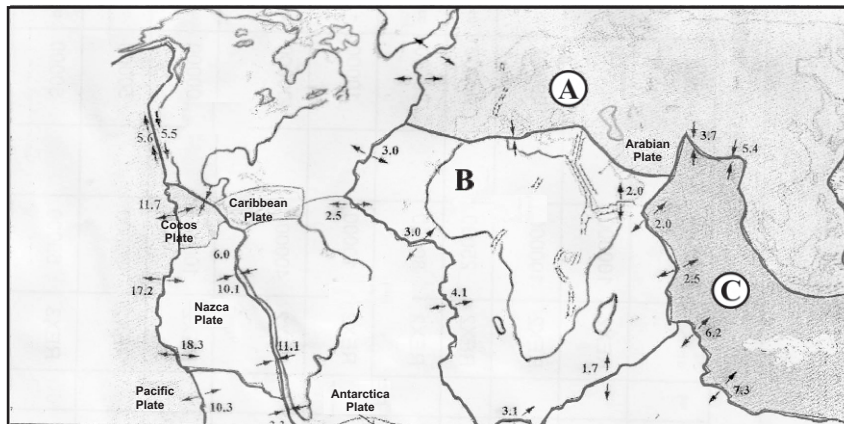
- 01 -

C) Answer the following questions using the given map of Sri Lanka.

1. The letter that shows the district where Keolin deposit is in from the letters A, B & C
2. The letter that shows the Bellanwila reserve from the letters D, E & F
3. The letter that shows the Delft island in the Northern province from the letters G, H & J
4. The Letter that shows the marine water fish breeding center in Pambala among the letters K, L & M
5. The letter that shows the Inginiyagala hydro power station from the letters P, Q & R



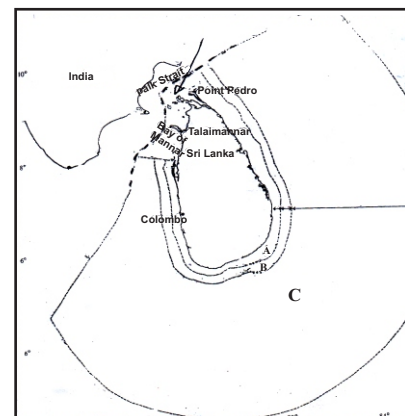
Part II



02. I) According to the structure of the Earth, name the two main parts which belong to the Lithosphere. (2 marks)
 II) The Lithosphere of the Earth is created from more tectonic plates. Name the tectonic plates shown from A, B, & C in this given picture. (2 marks)
 III) a) Name the tectonic plates that the following islands are located. Madagascar, Sri Lanka.
 b) Explain 2 bad effects done by humans to the Living and Non - Living resources of the Lithosphere of the Earth (5 marks)

03. The exact land area of Sri Lanka includes not only the land but a part of the ocean too.

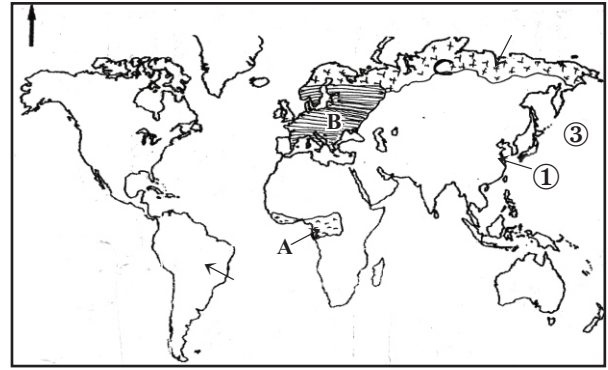
- (I) Explain, what is the Territorial Sea limit? (2 marks)
- (II) a) Name the B & C Zones that belong to Sri Lankan coastal boundary in this given map.
 b) What are the resources that are in the zone A which belong to Sri Lanka? (2 marks)
- (III) a) Name two places that separates the maritime boundary of the Historic waters.
 b) Explain the importance of the oceanic resources around Sri Lanka using 2 facts (5 marks)



* Use the following map for answering question no 4 & 5

04. Forests are very important eco - systems among natural vegetation.

- I)
 - a) Name the type of forests spreaded in the area shown by letter B.
 - b) Write a specific feature of the forests spreaded in the area shown by letter C (2 marks)
- II)
 - a) Name the area that is shown in letter A and write the type of forests spreaded in this area.
 - b) Write 2 specific features in above mentioned type of forests. (3 marks)
- (III)
 - a) Explain 2 problems that are faced by forests and wild life.
 - b) Explain 2 facts on the importance of protecting forests (5 marks)



05. Manufacturing industries occupy a very important place among economic activities of man.

- (I) Write 2 factors that influence the location of industries. (2 marks)
- (II)
 - a) Name the country that has taken pioneer of Automobile industry shown by No. 1 in the map.
 - b) Name the two countries that are engaged in iron & steel industry shown by No: 2 & 3 (3 marks)
- (III)
 - a) Write 2 reasons to increase the demand of the products based on iron & steel industry day by day
 - b) Explain 2 tricks that are taken by the countries to over come the market of the automobile products at present. (5 marks)

06. Rocks & Soil has a special place among the other natural resources.

- (I) Explain the process of creating Metamorphic rocks. (2 marks)
- (II)
 - a) Write an example for Sedimentary rocks (2 marks)
 - b) Write 2 uses of Igneous rocks (3 marks)
- (III)
 - a) Explain 2 factors that are helpful to create soil. (5 marks)
 - b) Explain 2 steps that can be taken to conserve soil.

07. At present, the paddy cultivation has expanded not only as subsitute crop but also s a commercial crop in Sri Lanka.

- (I)
 - a) What is the soil that is suitable for paddy cultivation?
 - b) Name the Paddy research center shown by letter A in this map. (2 marks)
- (II) Name the main zones where paddy is cultivated in Sri Lanka shown by no: 1, 2 & 3 (3 marks)
- (III)
 - a) What is the method that is used to cultivate paddy in the area shown by no. 4
 - b) Expalin 2 problems arisen regarding the paddy cultivation at present. (5 marks)



08. Many manufacturing industries have expanded under different sectors at present.

- (I) Explain, what is Petro Chemical industry? (2 marks)
- (II)
 - a) Name 2 products regarding petro chemical industry.
 - b) write two problems regarding this industry. (3 marks)
- (III)
 - a) Write 2 specific features of electronic industry which has developed within a short period
 - b) Expalin 2 problems regarding this industry. (5 marks)

First Term Test - Grade 11 - 2018
Geography - Grade 11
Answers

Paper I

- | | |
|----------------|-----------------------------|
| 1. Mesosphere | 21. Basalt |
| 2. Mantle | 22. Capricorn |
| 3. Temperate | 23. Chernosam |
| 4. Australia | 24. Nothern |
| 5. Kalutara | 25. Asia |
| 6. Cotton | 26. A |
| 7. Bio mass | 27. H |
| 8. Radawadunna | 28. E |
| 9. Metamorphic | 29. P |
| 10. A | 30. K |
| 11. T | 31. Stratosphere (2) |
| 12. T | 32. Titicaca (3) |
| 13. F | 33. Sangamankanda (2) |
| 14. F | 34. Rubber (3) |
| 15. T | 35. Ship (2) |
| 16. (2) BCA | 36. Sri Lanka (4) |
| 17. (1) CAD | 37. Red yellow podsolic (2) |
| 18. (3) DBA | 38. Graphite (1) |
| 19. (4) CAB | 39. C & E (2) |
| 20. (4) ACD | 40. E & D (4) |

(1x 40 - 40 marks)

Paper II

- | | |
|--|---|
| <p>(1) A) I) Other crops</p> <p style="padding-left: 40px;">ii) Tregnometrical height</p> <p style="padding-left: 40px;">iii) Excrapment</p> <p style="padding-left: 40px;">iv) Province</p> <p style="padding-left: 40px;">v) Rubber</p> | <p>iv) Dendritic</p> <p>vii)</p> <p>viii) School</p> <p>ix)</p> <p>x) to west (10 marks)</p> |
| <p>B) 1) A</p> <p style="padding-left: 20px;">2) F</p> <p style="padding-left: 20px;">3) H</p> <p style="padding-left: 20px;">4) K</p> <p style="padding-left: 20px;">5) R (5 marks)</p> | <p>B) 1) B</p> <p style="padding-left: 20px;">2) F</p> <p style="padding-left: 20px;">3) G</p> <p style="padding-left: 20px;">4) M</p> <p style="padding-left: 20px;">5) P (5 marks) (10+5+5 = 20 marks)</p> |
| <p>(02) (I) Earth crust, upper mantle (2 marks)</p> <p style="padding-left: 20px;">(II) A. Uresian Plate</p> <p style="padding-left: 40px;">B. African Plate</p> <p style="padding-left: 40px;">C. Indu Australian Plate (3 marks)</p> <p style="padding-left: 20px;">(III) a. Madagascar - African Plate (2 marks)</p> <p style="padding-left: 40px;">Sri Lanka - Indu Australian Plate</p> <p style="padding-left: 40px;">b. destroy forest, fire forest,mining the earth to take out minerals, removal of waste matters (3 marks)</p> | |
| <p>(03) (I) A martime boundary less than twelve natutical miles from the coast (2 marks)</p> <p style="padding-left: 20px;">(II) a. B - Contiguous Zone</p> <p style="padding-left: 40px;">C - Exclusive Economic Zone.</p> <p style="padding-left: 40px;">b. Islands, logoons, Bays, Points, Coral reefs, Sand. (3 marks)</p> <p style="padding-left: 20px;">(III) a. mannar strait, palk strait, Bay of Bengal</p> <p style="padding-left: 40px;">b. Fishing industry,Tourism, Transportation (5 marks)</p> | |

- (04) I a) Temperate zone forests
b) most of the trees are conical in shape
trees are well adapted to cold
Leaves are needle shaped (2 marks)
- II a) A - kongo
Tropical rain forests
b) speedy growth of plants
Several layers of trees in the forest
trees have many broad leaves. (3 marks)
- III a) clearance of forests, natural hazards, spread of invasive plants and animal species, extinction of plants and animals, use for development projects.
b) Control the soil erosion, fresh air, protect catchment areas, protect the biodiversity. (5 marks)
- (5) I Raw materials, Labour, energy, Infrastructure facilities, capital (2 marks)
- II a) 1 - China
b) 2 - Brazil
3 - Japan (3 marks)
- III a) Every country use as a basic metal, developed electronic industry, use new technology, durability of iron & steel, Flexibility, cheap products.
b) Use more machinery labour, various kind of products, use new technology, (5 marks)
- (6) I Metamorphic rocks are formed when Igneous and Sedimentary rocks are subjected to high pressure and high temperature. (2 marks)
- II a) Limestone, Coal, Gypsum
b) to build building, to construct roads, create fancy goods, to take minerals. (3 marks)
- III a) relief, mother rock, Climate, time
b) grow forests, etc. (5 marks)
- (7) I a) Alluvial Soil
b) Ambalanthota (2 marks)
- II 1. Dry Zone
2. Intermediate Zone
3. Wet Zone (3 marks)
- III a) Terraced method
b) increase the cost due to using machines, natural disasters like flood, drought, young generation does not join with the cultivation (5 marks)
- (8) I An industry where the residue left over after obtaining Petrol diesel, kerosene and liquid fuel at the refinery is used to make other by products. (2 marks)
- II a) plastic, pesticides, chemical fertilizer, Drugs, Perfumes, Lubricants, Paints.
b) Due to the increase the price, environmental pollution, Competition on market increase the production cost, increase the price of goods (3 marks)
- III a) as labourers, Scientists, engineers, technologists, mechanics, invest large amount of money, spend more money for researches, create on technology, Emerge of job opportunities.
b) not suitable for the time, add waste to the environment, health problems, cultural problems. (5 marks)



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