සිය	ලු හිමිකම් ඇවිරිණි/ All Rights reserved				
	අධ්යාපන දෙපාර්තමේන්තුව Provincial Department of Education වයම පළාත් අධ්යාපන දෙපාරතමේන්තුව Provincial Department of Education වන දෙපාරතමේන්තුව Prov				
Educa	පළමු වාර පරීක්ෂණය - 10 ලෝණිය - 2018				
	First Term Test - Grade 10 - 2018				
(Ir	ndex No GEOGRAPHY Time : One Hour				
•	Answer all the questions. Answer all the questions using the given guidelines for each question. Answer all the questions on this paper it self.				
♦ to 1	Write the suitable answer on the given space by selecting the answer from brackets for questions no 0 0.				
01.	The lowest temperature of the atmosphere $-90^{\circ}C$ prevails in the				
02.	2. Solar energy, Soil and				
03.	According to the structure of the earth, the extends from 2900 km to 5150 km from the surface of the Earth. (Upper mantle/Lower mantle/Outter core)				
04.	4. The Great Siberian plain which is located in the large area in the lower altitude belongs to the continent of				
05.	The large land masses which have risen from oceans are called				
06.	The river starts from victoria lake and flows to Mediterranean Sea. (Mississippi/Nile/Maredaling)				
07.	The island Papuwanewgunia is located in the continental shelf of				
08.	Caspian sea is completely surrounded by the land and it contains with				
09.	is grown fertility in the Aluvial soil. (Paddy/Tea/Wheat)				
10.	Pioneer countries for production of tea in the world are countries				
*	If the following statements are correct circle "T" if not circle "F" for question no 11 to 15.				
11.	71 % of the total area of the Earth is land and 29 % of the surface of the Earth is covered by oceans. (T/F)				
12.	Water which receives from precipitation deposited under ground is called surface water. (T/F)				
13.	The outer core of the structure of the earth consists of liquid metal and the inner core consists of a thic				

metal.

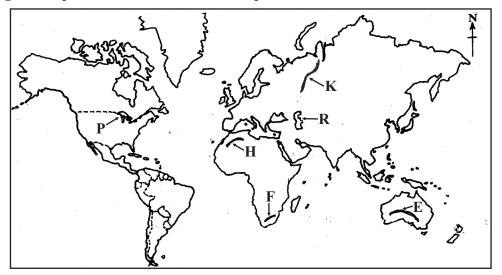
(T/F)

15.	Th	e temperature in the 1	North pole is less th	nan the So	outh pole in the Globe.		(T/F)
*	There are two parts A and B in each question. Match them and write the answer on the given space for question no 16 to 20.					e given space foi	
16.	Sid	Side A shows the layers of the atmosphere of the Earth and side B shows the boundaries of them.					
		A Troposphere Stratosphere Mesosphere BDA	2. CBA	A. B. C. D.	B 50 Km - 80 Km 0 - 20 Km 21 Km - 40 Km 20 Km - 50 Km 3. DAB	4. CBD	()
17.	Sid		features and side B	shows th	ne areas that they are located	l.	
	2. 3.	A large mountain Largest lake High platue		A. B. C. D.	Superior Atlas Andees Pameer		
	1.	CDA	2. BCA		3. CAD	4.ACB	()
18.		hem.	nic plates that bel	ong to th	ne Lithosphere and side B	shows the is	lands that belong
	2. 3.	A Uresian plate Indu Australian Plat North American plat ADB		A. B. C. D.	B Hawai Sri Lanka Greenland British islands 3. BAD	4. CAD	()
19.	Sic	le A shows the river i	n the world and sid	le B shov	vs the continents that they a	re belonged.	
	1. 2. 3.	A Kongo river Indu river Deniub river CAD	2. BDC	A. B. C. D.	B Continent of Europe Continent of Africa Continent of Asia Continent of south America 3. ACD		()
20.	Side A shows the main climatic Zones in the world. Side B shows the countries that those climates can be seen.						
	1. 2. 3.	A Tropical Climate Temperate Climate Frigid climate	BAC	A. B. C. D.	B Philiphine island Green island Japanese islands Newzeland island 3. DCA	4. CDA	()
Co		ete the blanks using		de for Oi			(
			-		Om is called environmental.		
	2 is in many forms like liquid and solid as in the lithosphere and vapour and clouds as in the atmosphere.						
23.	Lal	ke Titicaca which is l	ocated in the highe	est place i	n the world is in the contine	nt of	
24.	A hot season and a cold season with rainfall could be clearly seen in the						
25.	No	rin 10 is a type of		wi	th a developed and high yie	ld crop.	

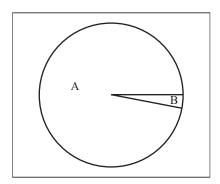
(T/F)

14. There are no continental shelf in every continental boundary in the world.

♦ Study the given map of the world and answer the questions for 26 to 28



- 26. The great five lakes in the world is shown by letter
- 27. Ural mountain range is shown by letter
- 28. Nullabar plain is shown by letter
- ♦ Study the given graph on distribution water on the Earth for Question No 29 and 30.



- 29. Letter shows the water with ice burgs and Glaciers on the Earth.
- 30. Letter shows salt water on the Earth.

♦ Write the number of the most suitable answer on the given space for question No 31 to 40

- 31. According to the constitution of gas, the gas that has the 20.95 % in the atmosphere is,
 - 1. Nitrogen

3. Oxygen

2. Hydrogen

4. Carbon dioxide

(.....)

- 32. The process Potosynthasis that helps to the existence of humans is done in the
 - 1. Lithosphere

3. Atmosphere

2. Biosphere

4. Hydrosphere

(.....)

- 33. The ozone layer which absorbs the ultra violet rays of the sun is located in the,
 - 1. Troposphere

3. Mesosphere

2. Stratosphere

4. Ionosphere

(.....)

34.	1. Continent of A	. Continent of Africa 2. Continent of Europe 4. Continent of Antarctica		()		
35.	The island which 1. Hawai	is located in the Indian 2. Seychelles	ocean is, 3. Taiwan	4. Haiti	()	
36.	. The person who is	·	on of climate in the wo	orld is,	,	
	1. Austin Miller	2. Alferd Weyiner	3. Auther Homes	4. Airin Rese	()	
37.	The desert that is located in the tropical climatic zone is,					
	1. Arizona		3. Gobi			
	2. Sahara		4. Patagonia	a	()	
38.	The area out side of Asia which is cultivated paddy is,					
	1. Thailand		3. Indunesia			
	2. Miyanmar		4. Madagaso	ear	()	
39.	A Plantation crop	which is grown with v	vell organized and well	managed is,		
	1. Paddy		3. Rubber	-		
	2. Wheat		4. Cotton		()	
40.	The most favourable factor for tea plantation is,					
	1. Average temp	perature is 27 °C				
	2. Annual rainfall between 1900mm - 5460mm					
	3. Suitable for c	abok mixed red soil				
	4. Use machine	for plucking tea leaves			()	

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ර්තමේන්තුව Provincial Department of Edu**ම සම පළාත් අධාන පන**්තු <mark>දිපාර්තමේන්තුව</mark>ucation වයම පළාත් අධාා පළාත් අධාාපන දෙපාර්තමේන්තුව Provincial Department of Education වයම පළාත් අධාාපන දෙපාර්තමේන්තුව Provincial Department of Education වයම තුව Provincial Department of Education **Trovincial Department** of Education සහ පළාර්තමේ



පළාත් අධ්නාපන දෙපාර්තමේන්තුව Provincial Department of Education වයඹ පළාත් අධ්නාපන දෙපාර්තමේන්තුව Provincial Department of Education වයඹ ප

පළමු වාර පරීකෘණය - 10 ශේණීය - 2018 First Term Test - Grade 10 - 2018

Index No

GEOGRAPHY II

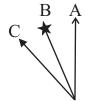
Time: Two Hour

- There are two parts I and II in this paper
- Answering first question is compulsory.
- Answer 4 questions from part II
- All together answer 5 questions
- 1. A. Answer following Questions using your knowledge on 1: 50,000 topographical maps.
 - 1. How many topographical maps that are used to cover the whole country Sri Lanka according to the 1:50,000 scale? (1 mark)
 - 2. Select cultural and physical features from the brackets and write them. (Mountain range, path, coconut cultivation, river)

(2 mark)

3. Name A and B in the following figure showing the directions of North.

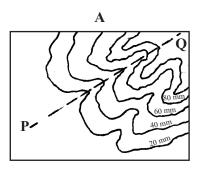
(2 mark)



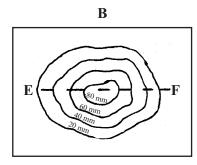
- 4. Draw the conventional signs for the followings.
 - A. Grama Niladhari division
 - B. Tea Plantation

(2 mark)

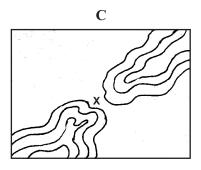
5. Name the following topographical features.



A=P-Q line Shows a(Valley/Spur)

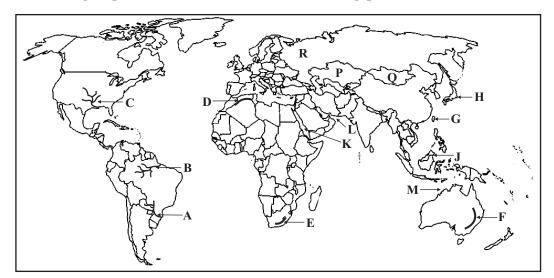


B = E - F Line Shows a (Escarpment/conical hill)



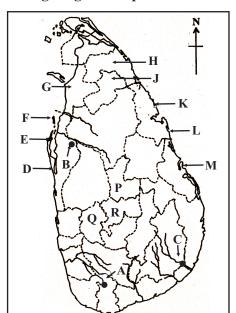
C=Letter'A'
Shows a
(gap/Mountain)
(3 marks)

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



- 1. The letter shows the Amerzon river among the letter A, B, and C is,
- 2. The letter shows the great barrier range among the letters D,E and F is,
- 3. The Letter shows the Japan island among the letters G, H and J is,
- 4. The letter shows the Red sea among the letters K,L, and M is,.....

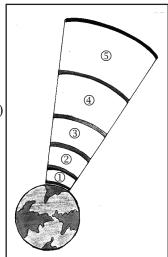
C) Answer the following questions using the given map of Sri Lanka.



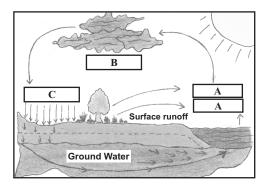
- 1. The letter shows the Sinharaja Forest among the letter A, B, and C is,
- 3. The letter shows Yodha wewa among the letters G, H and J is,
- 4. The letter shows the Pasikuda Beach among the letters K,L, and M is,.....

Part II

- (2) The atmosphere which is the thin blanket of air around the Earth that consists of various gases is a special subsystem of the Earth.
 - (i) Name the two layers of the atmosphere shown by No. 2 and 3 respectively in this given picture. (2 marks)
 - (ii) a) Name the layer shown by No. 4 which can be seen the increase of temperature with the increase in altitude.
 - b) Write two special characteristics of the layer shown by No. 01(3 marks)
 - (iii)a) Write 2 uses of atmosphere for the humans.
 - b) Write a human activity and a natural activity that add pollute things to the atmosphere.
 - c) Explain a step that reduces the pollution of atmosphere. (5 marks)



(3) Water is essential for the sustenance of all the bio system.

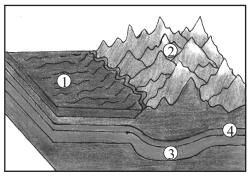


- (i) a) What is surface run off?
 - b) What is the quantity of surface water that can be taken for the usage of man? (2 marks)
- (ii) Using the given sketch of the water cycle, Name A, B, C and explain this process briefly. (3 marks)
- (iii)a) At present, the quality of water is deteriorating due to the impact of various human activities. Explain 2 of them.
- b) Explain 2 solution that can be taken to minimize the problems regarding the scarcity of water in near future (5 marks)
- (4) The total ecological systems integrating plant and animal life which constantly interact with the earth is termed the biosphere.
 - (i) Name 2 sub systems that occur the interaction of the biosphere. (2 marks)
 - (ii) Write the three boundaries of the above mentioned sub systems with the biosphere. (3 marks)
 - (iii)a) Write 2 human activities that affect badly to the existence of the biosphere at present.
 - b) Explain 2 steps to avoid above mentioned bad affects. (5 marks)
- (5) Lithosphere which is occurred most of the human activities is the home for living beings. Following is the structure of the Lithosphere.
 - (i) Name the parts no 1 and 2 that belong to the Lithosphere.

(2 marks)

- (ii) a) Name the layer No 03 that belongs to the Lithosphere.
 - b) Name the kinds of rocks that are used to create the parts shown by no 1 and 2 respectively. (3 marks)
- (iii)a) Name the discontinuity shown by No. 04
 - b) Explain the uses of layers that are located in the surface of the Lithosphere for humans using 3 facts.

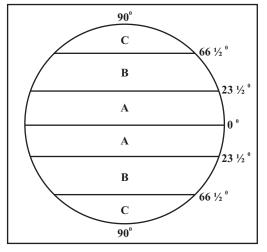
(5 marks)



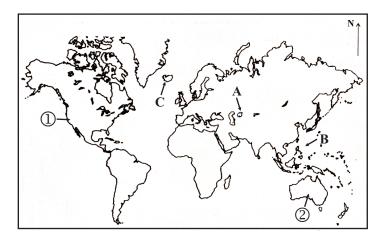
(6) The world is divided into broad climatic zones due to the distribution of temperature that changes

according to the latitudinal location of the world.

- (i) a) Name the climate shown in letter A in this given globe.
 - b) Name the specific climatic type in above mentioned climatic zone. (2 marks)
- (ii) a) Name the two climatic zones shown by letter B and C
 - b) Name the specific climatic type, that can be seen in the climatic zone "B" (3 marks)
- (iii)a) Explain 2 specific features in the climatic type shown in letter "C" briefly (5 marks)
 - b) Explain 2 specific features in the climatic type shown in letter "A" briefly (5 marks)



♦ Study the given map of the world for answering the questions No. 7 and 8



- (7) There are various physical feature found on the Earth.
 - (i) a) Name the sea which is completely surrounded by the land shown in letter A.
 - b) Name the deepest trench in the sea shown by letter B

(2 Marks)

- (ii) a) Name the volcanic island shown by letter C.
 - b) Write an advantage of the location of a country as an island.
 - c) Write an occasion that the man uses the oceanic area.

(3 marks)

- (iii)a) What is a plateau?
 - b) Explain how the plain areas are favourable for human activities using 3 facts.

(5 marks)

- (8) People were engaged in agriculture to produce food from the ancient times.
 - (i) a) Name the area that the paddy is cultivated shown by No. 1
 - b) Name the country that the wheat is cultivated shown by No 2

(2 marks)

- (ii) a) Name the kinds of soil that are suitable for tea and wheat cultivation respectively.
 - b) Name the country that produce the highest quantity of wheat at present in the world. (3 marks)
- (iii)a) Explain 2 specific features regarding wheat cultivation briefly.
 - b) Explain 2 specific features regarding the paddy cultivation briefly.

(5 marks)

First Term Test - 2018 Geography - Grade 10 Answer Part I

1 Mesosphere 21. Lapes rate 2. Climate 22. Water 3. Outter core 23. South America 4. Asia 24. Temperate 5. Continents 25. Wheat 6. Nile 26. P 7. Australia 27. K 8. Salt 28. E 9. Paddy 29. B 10. Asian 30. A 11. F 31. (3) Oxygen 12. F 32. (2) Biosphere 13. T 33. (2) Stratosphere 14. T 34. (1) Asian 15. F 35. (2) Seychelles 16. (1) BDA 36. (1) Austin Miller 17. (3) CAD 37. (2) Sahara 18. (2) DBA 38. (4) Madagascar 19. (4) BCA 39. (3) Rubber 20. (1) ACB 40. (2)	$(1 \times 40 = 40 \text{ marks})$
Paper II	
01 A. (i) 92	
(2) Physical features - Mountain range, river Cultural feature - path, coconut cultivation	(2 marks)
(3) A - Gride North	(2 marks)
B - True North	(2 marks)
(4) Give marks for suitable answer(5) A - Valley B - Conical hill C - Gap	(2 marks) (3 marks)
B. 1. B C. 1 A	(3 marks)
2. F 2. E	
3. H 3. G	
4. K 4. M 5. R (5 marks) 5. R (5 marks)	(10 marks)
	(10 114110)
02)(i) 2 - Stratosphere	
3 - Mesosphere ·	(2 marks)
(ii) a) 4 - Thermosphere	
b) 1. Troposphere	
 Important for the process of biosphere 	
 atmospheric phenomena including, precipitation 	n, temperature etc.
 Normal aeroplanes fly 	(3 marks)
(iii) a) • Supply oxygen for respiration	
 help to potosynthasis 	
 Prevents ultra violets rays from reaching the earth 	
 Occur climatic conditions 	
b) Natural - Volcanic eruption, Human - burn forests, rubb	sh (5 marks)
c) Use garbage to decay not to burn	(5 marks)

(3)	b) (ii) A B C Sl (iii)a)	- Condensation	(2 marks) (3 marks)
(4)	(ii) Li	ydrosphere, Lithosphere, Atmosphere ithosphere - the layer in which the root system of plants spreads and where soil or ydrosphere - The Ocean bed in which sufficient amount of sunlight penetrates for photosynthesis.	(2 marks)
		tmosphere - The limits where birds fly deforestation, soil erosion, destruction of animal habitats.	(3 marks)
	b)	grow forests, protect ecological systems, protect the soil	(5 marks)
5)		 Oceanic crust Continental crust 3 - Upper mantle 1 - Granite rocks 	(2 marks)
	Í	2 - Basoltic rocks4 - Mohorovicic	(3 marks)
		including rocks, minerals, soil is in thin layer, used for agriculture	(5 marks)
(6)	b)	 A - Tropical climate Tropical monsonal climate B - Temperate climate C - Frigid climate 	(2 marks)
	(iii)a)	Temperate climate Frigid Climate • less rainfall • more snow falls • temperature is low Tropical climate, high temperature and heavy rainfall through out the year, no winte Difference in vegetation according to the variation of rainfall (forests, deserts, grassl	
(7)	b) (ii) a) b)	 A - Aral sea B - Mariyana trench C - Iceland do not arise problems regarding boundaries, boundaries are covered from wat protection 	-
	c)		(3 marks)
		Plateaus are high flat lands located in a mountainous area. Various constructions, build settlements, construct roads, cultivation	(5 marks)
(8)	1.1.	1 - Sacromanto valley 2 - Australia Tea - Learn laterrita seil - Wheat - Cherneseen seil	(2 marks)
	b) (iii) a)	Tea - Loam lateraite soil China Wheat Grow in a large scale Have a spreadful market large cultivated lands Paddy Wheat - Chernosom soil Use Machinery use developed technology	(3 marks)
	,	 grow in small plots of lands Use labour in Asian countries Use machines at present (Asia) grow as commercially in some countries Use gene technology 	(10 Marks)