



## Provincial Department of Education Northern Province



மாகாணக்கல்வித்திணைக்களம் வடக்கு மாகாணம்

### Diagnostic Test – 2021

**GRADE:- 10**

**Geography I,II**

**Time :- Three hours**

INDEX NO: .....

#### ADDITIONAL READING TIME: 10 MINUTES

Use the additional time to read the question paper to select the questions and organize them according to the priority when you answer them.

#### GEOGRAPHY - I

- This paper comprises 40 questions.
- Answer all questions on this paper itself according to the instructions given to each questions

**Select the correct answer given in the bracket and write down on the dotted line for the questions 1 - 5**

1. The ..... is the home for living beings, most of the human activities occur. (Lithosphere, Hydrosphere, Atmosphere)
2. Relief and ..... are the major physical characteristics of the Earth. (water, Climate, forest )
3. Majority of the world population being engaged in ..... activities in the world. (agricultural, industry, fishing)
4. The minor Export crop research institute located at..... (Badulla, kegalle, Matale)
5. The river Nile originate from a ..... in Africa. (spring, mountain, lake)

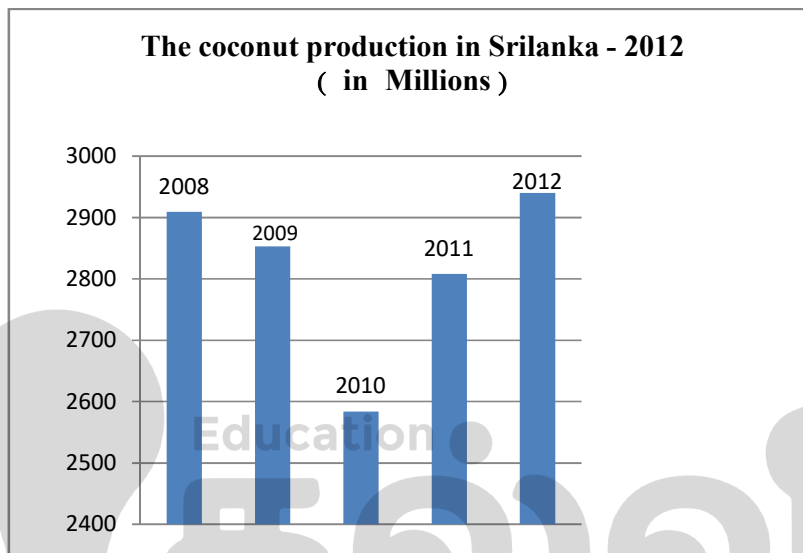
- **Draw the circle around 'T' when the statement is correct and if it is wrong draw the circle around 'F' for the questions from 6 to 10**

6. The occurrence of land degradation due to excavation to obtain mineral resources. T/F
7. Small land areas of various shapes surrounded by water are called island. T/F
8. The dairy farming is mostly distributed in the areas located temperate zone of the world. T / F
9. The areas joining Ranna, Middeniya, and chilaw known as the minor coconut triangle. T / F
10. The Topographic maps that are consist of physical and cultural features. T / F

- Fill in the blanks with suitable word for the questions from 11 to 19.

11. The atmosphere is held by the earth due to its ..... Pull.
12. .... are high flat land located in a mountainous area.
13. .... discovered by the Chinese can be introduced as a commonly consumed beverage in almost all the countries of the world at present.
14. In 1890, a British..... planted the first rubber plant in Ganarathgoda gardens in Gampaha.
15. During the early stages though iron and steel industry was located in countries where ....., coal and limestone.

- Answer the question 16 to 19 using the given graph.



Source: Central Bank Report– 2012

16. Which year is the highest in coconut production? .....
17. Which year is the lowest in coconut production? .....
18. How many millions of coconuts got less in 2011 than in 2008? .....
19. How many millions of coconuts were produced in Sri Lanka in 2009?.....

Write the correct answer on the dotted line when connect the column A with B from the questions 20 to 24.

- |   |  |  |
|---|--|--|
| 20.   | <b>A</b><br><b>Mountain ranges</b><br>1. Atlas Mountain<br>2. Alps Mountain<br>3. Rocky mountain | <b>B</b><br>A. North America<br>B. Europe<br>C. South America<br>D. Africa |
| 1.ABC      2.DBA      3.DBC      4.BCD      (.....) |  |  |

- |     |  |  |   |
|-----|--|--|---|
| 21. | A  |  | B   |
|     | <b>Regions of fisheries industry</b>   |  | <b>The species of fish caught</b>   |
|     | 1. Marine water fisheries<br>2. Fresh water fisheries<br>3. Brackish water fisheries |  | A. Silver cap, Catla<br>B. Sprat, Shark<br>C. Tilapia, Sudaya<br>D. Prawns, Crabs   |
|     | 1.BDC      2.ABC      3.BAD  |  | 4.CDB      (.....)  |
| 22. | A  |  | B   |
|     | <b>Cultivations</b>  |  | <b>Export villages.</b>   |
|     | 1. Paddy<br>2. Cashew<br>3. Chilies  |  | A. Rajangana<br>B. Pollonnaruwa<br>C. Damabadeniya<br>D. Katugampola  |
|     | 1.DAC      2.ACB      3.BCA      4.ABC      (.....)                                  |  |   |
| 23. | A  |  | B   |
|     | <b>Iron and steel producing country</b>  |  | <b>Factors of locations</b>   |
|     | 1. Japan<br><br>2. United states of America<br><br>3. China                          |  | A. Availability of iron ore on the surface of the earth<br>B. Port facilities and market for import and export.<br>C. Lakes could be utilized for transport.<br>D. Easy access to use river water |
|     | 1.ABD      2.BCA      3.DAB      4.BDA      (.....)                                  |  |   |
| 24. | A  |  | B   |
|     | <b>Application of colours in metric map</b>  |  | <b>Cultural features and physical features</b>  |
|     | 1.Blue<br>2.Green<br>3.Yellow  |  | A.Paddy cultivation<br>B.Other roads<br>C.River<br>D.High way   |
|     | 1. CAB      2.BCA      3.DAB      4.BDA      (.....)                                 |  |   |

**Select the correct or most suitable answer for the questions from 25 to 36 and write the relevant number within the bracket.**

25. The Answers are given from A to E and select two of them suitable for troposphere.
- A. The temperature decreases with altitude.
  - B. The increase of temperature with the increase in altitude.
  - C. Including precipitation, temperature, pressure, humidity, and wind.
  - D. There is no water vapor, clouds and dust particles in this region.
  - E. The volume of gases is very low.
- 1.E to C      2.D to C      3.A to C      4.A to D      (.....)

26. The answers are from seas completely surrounded by lands,  
 1. Caspian sea, Aral Sea                      2. Red sea, Aral Sea  
 3. Japan and Baltic Sea                      4. Arabian and China Sea                      (.....)
27. Which one is cultivation with high yield in the form of 'NORIN10'?  
 1. Paddy              2. Wheat              3. Coconut              4. Cashew                      (.....)
28. Which district Bombuwela paddy research centre is located.  
 1. Kandy              2. Kurunegala              3. Kalutara              4. Polonnaruwa                      (.....)
29. Which country has been at the forefront of Automobile industry in recently?  
 1. United states of America              2. India              3. Japan              4. China                      (.....)
30. Select the name for the line by a line that ends in a star.  
 1. True North              2. Magnetic North              3. Grid North              4. North                      (.....)
- 31 One of the statements is **correct** about the tropical climatic zone.  
 1. between tropic of cancer and tropic of Capricorn  
 2. between tropic of cancer and Arctic Circle.  
 3. from Arctic Circle to north pol.  
 4. Between tropic of Capricorn and Antarctic Circle                      (.....)
32. Which tectonic plate is situated in china and Japan?  
 1. African plate                      2. Eurasian plate  
 3. American plate                      4. India Australian plate                      (.....)
33. Select the correct suitable lakes located in Asia and Australia.  
 1. Baikal and Victoria                      2. Great lakes and Eyre  
 3. Superior and Titicaca                      4. Baikal and Eyre                      (.....)
34. One of the country which is paddy cultivating regions of outside Asia.  
 1. Indonesia              2. Myanmar              3. Italy              4. Thailand                      (.....)
35. Which special zone produces vegetables such as drumstick and long beans?  
 1. Wet zone              2. Dry zone              3 Hill zone              4. Coastal zone                      (.....)
36. Which was the first province that infected by Covid – 19 in Sri Lanka.  
 1. North                      2. West                      3. East                      4. South                      (.....)
- Analyse the pair of statements given as A, B, C, and D then answer the question 37 to 40.
- |                            |                           |
|----------------------------|---------------------------|
| A. 1. Domestic consumption | B. 1. Particle of soil    |
| 2. Export                  | 2. Continuous cultivation |
| C. 1. Agro industry        | D. 1. Epidemics           |
| 2. Cultivation             | 2. Death                  |
37. The pair of statements that increase the first one for decrease the second factor.  
 1. A                      2. B                      3. C                      4. D                      (.....)
38. The above pair of answer that increases the second factor by decreases the first factor.  
 1. A                      2. B                      3. C                      4. D                      (.....)
39. The statements that increase the first factor by increase the second factor.  
 1. A                      2. B                      3. C                      4. D                      (.....)

40. Select the pair of statements that the first one is fallen down the second one also fallen dawn.

1. A

2. B

3. C

4.D

(.....)

(40x1=40 Marks)





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**GRADE – 10**

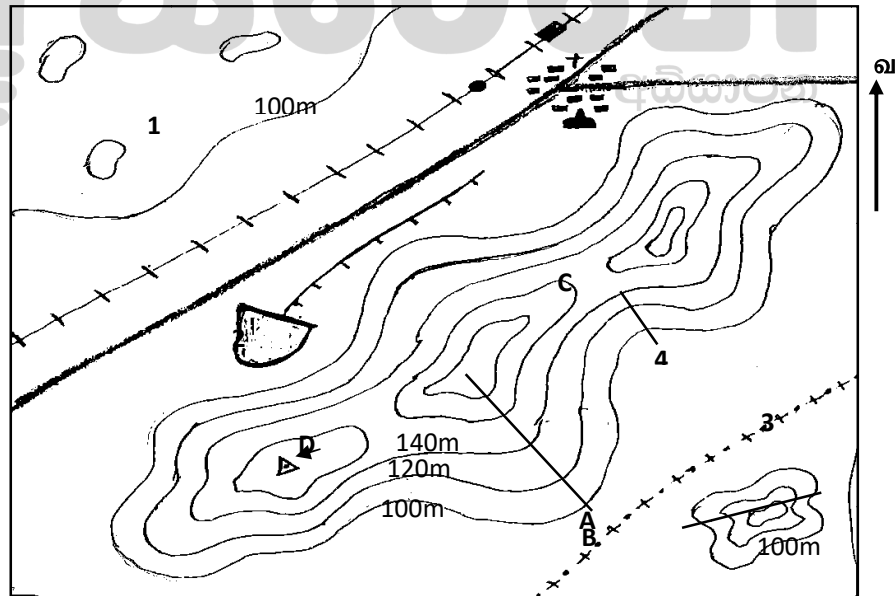
**GEOGRAPHY - 11**

- This question 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**.

- This question paper comprises part I and II
- Part I is compulsory and answer the all three parts A,B and C
- Answer Four questions from the part II
- Altogether answer five questions

**Part -I**

1. A. Answer (i) to (9) the following question using the given model of 1: 50,000 Topographic map sheets, select the correct answer and write it. ( page no: 8 )



1:50,000

- The question is given from (I) to (IV), write the correct answer from select the answer given in the bracket.

- The feature is shown by the letter A in the map.  
(Spur, valley, Steep slope) (01 Mark)
  - The feature is shown by the letter C in the map.  
(Gap, Spur, Mountain Paha) (01 Mark)
  - The feature is shown by the letter B in the map.  
(Conical hills, Mountain range, Long hills) (01 Mark)
  - What is denoted letter D in the map.  
(Trigonometrical station, Spot height, Mountain Paha) (01 Mark)
- The questions are given below, select the suitable answer and write them your answer sheet.
- What is the physical feature number- 1? (01 Mark)
  - What is the cultural feature number – 2? (01 Mark)
  - The administrative boundary that is shown by the number– 3. (01 Mark)
  - What is the physical feature denoted by the number – 4? (01 Mark)
  - The region represent of 12 cm length and 10 cm width by 1:50,000 scale,
    - Given the length and width in Km. (01 Mark)
    - Given the area in square Km. (01 Mark)

(B) Answer the following questions with the help of the world map given to you. Use the columns that are close to the map to answer them. (Page no: 9)

- From (i) to (v) select the suitable answer from three English letters and write them in the correct cages.

- |      |   |                  |
|------|---|------------------|
| i.   | The Atlantic Ocean.                                   | N,O,P            |
| ii.  | Baltic Sea.   | K,L,M            |
| iii. | Hwang-ho River  | R,S,T            |
| iv.  | The volcanic activities that was created the Iceland. | B,C,D            |
| v.   | The India, one of the south Asian Country.            | X,Y,Z (05 Marks) |

(C). Answer the following questions by using the Sri Lanka map given to you. use the columns that are close to the map to answer them. (Page no: 9)

- From (i) to (v) select the suitable answer from the three English letters and write them in the suitable cages.
- Nuwaraeliya district that is located in tea research institute. G,H,J
  - Point Pedro, North of the Sri Lanka is located. A,B,C
  - Ratnapura, special place for gems. D,E,F
  - Chilaw lagoon, special place for fishing. O,P,R
  - Trincomalee Harbour east part of Sri Lanka is located. K,L,M (05 Marks)

### Part – II

- Which are **two** part of the lithosphere? (02 Marks)
- Mention **three** affected, when the resources found in the lithosphere utilized. (03 Marks)
- Mention **two** parts of core and briefly explain **one** of them. (05 Marks)
- i. a. Who was first originally put forward the idea about distribution of climate in the world. (01 Mark)

- b. Give **one** of the scholars that presented wide distribution of climates at global level. (01Mark)
- ii. Mention **three** climatic zone which are based on the distribution of the latitudinal temperature in the world. (03 Marks)
- iii.a. Which climatic zone is near the equator?(01 Mark)
- b. Mention **two** special Characteristics of climate for the above climatic zone and explain **two** of them. (04Marks)
- 04) i. Give **two** major wheat producing countries of the world. (02 Marks)
- ii) Mention **three** physical factors of wheat cultivation. (03 Marks)
- iii) Mention **two** activities which are help of increase the products of wheat and Explain one of them. (05 Marks)
- 05) i. Give **two** districts that are terrace cultivation of the paddy in Sri Lanka. (02 Marks)
- ii. Following the factors that have influence paddy cultivation in Sri Lanka.  
(a) Annual rain full (b) Temperature (c) Soil (03 Marks)
- iii. Mention **three** reason that significance of paddy cultivation in Sri Lanka and Explain **one** of them. (05 Marks)
- 06) i. Give two districts that are Cattle rearing in Sri Lanka. (02 Marks)
- ii. State **three** milk products in Sri Lanka. (03 Marks)
- iii. Why special attention has been paid on livestock farming in Sri Lanka from recently give **two** reasons for above explain **one** of them? ( 05 Marks)
- 07) i. Mention **two** issues pertaining to Agriculture in Sri Lanka. (02 Marks)
- ii. Give **three** trends in technology in agriculture. (03 Marks)
- iii. State **two** examples for Government patronage for agriculture and explain **One** of them. (05 Marks)
- 08) i. Factors that influence the location of Manufacturing Industries,  
(a) State **one** of the factor for power and energy.  
(b) State **one** of the factor for Raw Material. (02 Marks)
- ii. Mention **three** examples for Manufacturing Industries. (03 Marks)
- iii. Mention **two** features and trends of the Iron and Steel industry and explain **one** of them. (05 Marks)



PROVINCIAL DEPARTMENT OF EDUCATION



Northern Province

Geography II



Grade: - 10 Index no - .....

1.(A)

i. ....

ii. ....

iii. ....

iv. ....

v. ....

vi. ....

vii. ....

viii. ....

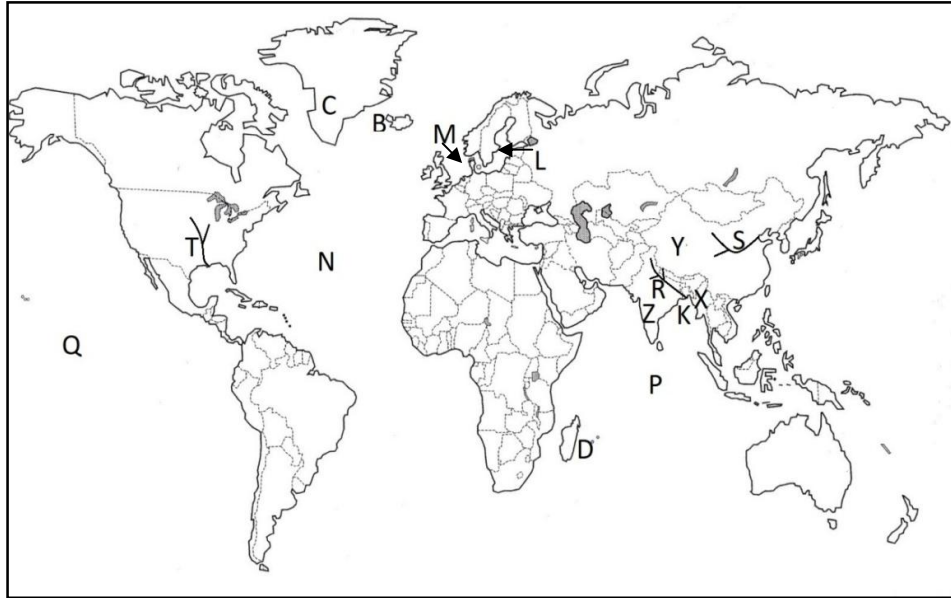
ix. (a).....

(b).....

Use only  
examiner's

10

1.(B)



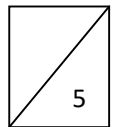
i.

ii.

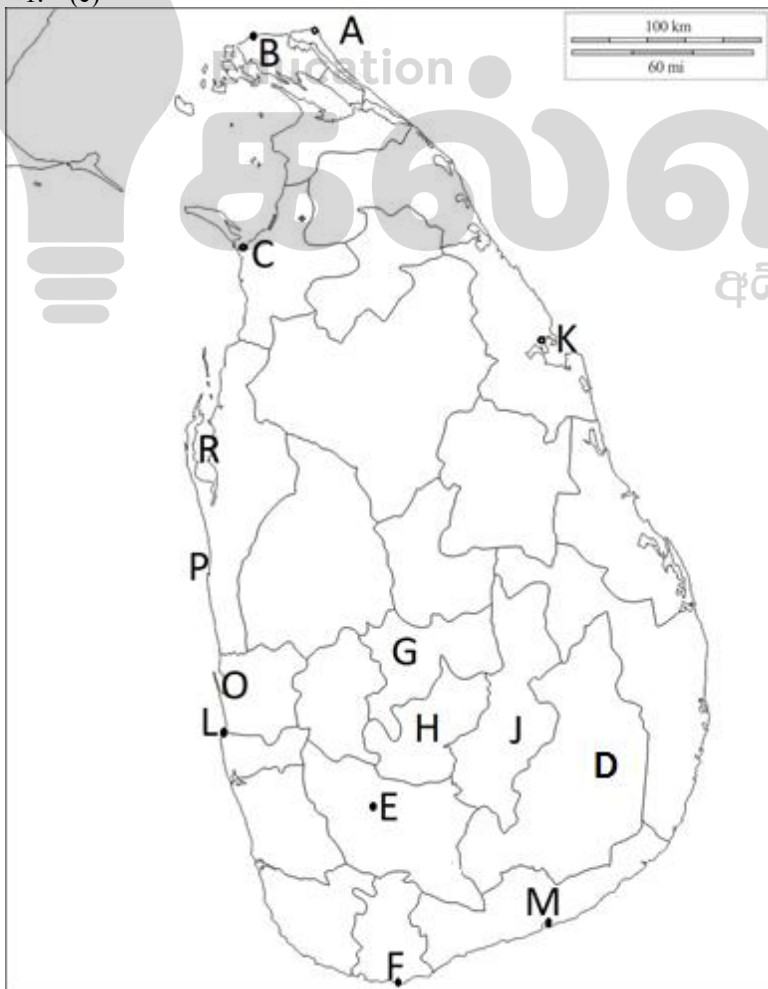
iii.

iv.

v.



1. (c)



i.

ii.

iii.

iv.

v.

