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 இலங்கைக் கல்வித் திணைக்களம் - வட மத்திய இலங்கை  
 DEPARTMENT OF EDUCATION - NORTH CENTRAL PROVINCE



Grade
10

## Third Term Test - 2023

### Geography - I , II

School Name : .....  
 Index Number : .....

Time : 3 hours

#### Important

Answer all questions.

- From the answers given in the parentheses, select the answer that suits the blank in each question from No:1 to 10 and write it on the dotted line.
- ..... is the highest volume of gas among the gases in the atmosphere ( Nitrogen , Carbon dioxide, Oxygen )
  - The Ozone layer which is important for existence the bio sphere is located in the ..... ( Troposphere / Stratosphere /Thermosphere)
  - The ..... consists of olivine and silicate rock compositions. ( Continental crust/ Lower mantle/ Upper mantle)
  - Alluvial Soil is favorable factor for ..... cultivation.( Wheat / Paddy / Coconut )
  - Bananas are grown in ..... district on a Sri Lanka. ( Kurunegala / Kegalle / Ratnapura )
  - Nullarbar Plain is located in the continent of ..... ( Africa / Europe / Australia )
  - Bombuwela paddy research institute is located in the ..... province ( North western / Western / Southern )
  - ..... in the Asian zone is a leading country of electronic field. ( China / Japan / India )
  - ..... deposits needed to make high quality porcelain in Raththota area in Mathale ( Kaolin / Feldspar / Mica )
  - According to 1 : 50000 scale Sri Lanka is divided into 92 map sheets.The land area represented in one topographic map sheet is ..... km<sup>2</sup> ( 1000 / 10000 / 50000)

Read the following statements from 11 to 15.If the following statement is correct put ( ) or it is incorrect put(x)

- From the total Fresh water volume in the earth, 20% of the water deposited as a ground water. ( )
- Due to the industrial revolution which began during the latter half of the 19<sup>th</sup> Century, there was an accelerated development in the iron and steel industry.( )
- 95% of the world's total natural rubber production comes from South and South East Asian countries.( )
- Piduruthalagala mountain has been selected as the base point to prepare metric grid system of 1 : 50000 maps. ( )
- Philiphines islands are belonged to the Pacific Ocean. ( )

- In questions from No:16 to 20 two columns are shown as “A” and “B” select the correct answer that that shows the correct order when the information given in column “A” is matched with the information given in column “B”.write the number of the correct answer on the dotted line.

16.

Column “A”

Column “B”

**Tactonic Plate**

**Country**

- 1) Indu – Australia
- 2) African
- 3) Urasian

- A - Madagacar
- B- British Isles
- C- Sri Lanka
- D - Brazil

1.ADB

2. BCA

3.CAB

4. DAB

(.....)

17.

**Column “A”**

**Column “ B ”**

Continents

Mountains located in

- 1) Australia
- 2) Europe
- 3)Africa

- A) Apennines
- B) Atlas
- C) Great Divide range
- D) Alps

1. ABC

2. BAC

3. CAB

4. CDB

(.....)

18.

**Column “ A ”**

**Column “ B ”**

Manufacturing industries in Sri Lanka

Products of industries

1. China clay
2. Petro chemical
3. Cottage industry

- A. Medicine
- B. Radio sets
- C. Production of brassware
- D. Toothpaste

1. ACD

2. DAC

3. BCD

4. CAB

(.....)

19.

**Column “A”**

**Column “B”**

Country

Production centers of industries

1. Japan
2. United States of America
3. United kingdom

- A. Shangshewan
- B. Yokohama
- C. Wales region
- D. pittsburg

1. ACD

2. DAC

3. BCD

4. CAB

(.....)

20.

Column A

Places related fishing industry

1. Mailawadi
2. Paliyagoda
3. Kalpitiya

1. CBD

2. CBA

Column B

Fishing related activities

- A. Fisheries training centers
- B. Main fish market
- C. Fish loading centers
- D. Dry fish production and prawn breeding

3. BDC

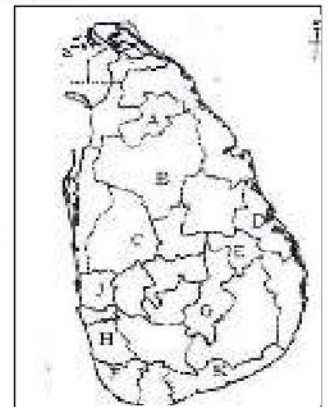
4. BAC (.....)

**In questions No:21 to 27 fill the blanks with suitable words**

21. The lake ..... that located in North America is the largest lake in the world.
22. Tea is discovered initially by ..... under plantation agriculture in the world.
23. According to the establishing export villages, Rajanganya is named as ..... cultivation export villages
24. At Present, automated machines and mechanical labour like ..... technology are used abundantly in automobile production
25. .... climate is a specific feature of temperate zone
26. .... river in the East coastal area in Brazil is a paddy cultivating area outside Asia
27. .... features are show by contour lines in 1:50000 topographic maps.

● **To answer questions from No:28 to 30 use the Sri Lankan map given below.**

28. The letter ..... shows the district where Agalawatte tea research institution located in Sri Lanka
29. The letter ..... shows fresh water fish breeding centers located on Padaviya.
30. The letter ..... shows Arugam bay the tourist attracts in Sri Lanka



● **For each question from No:31 to 40 ,select the correct and most appropriate answer from the four answers given below.**

31. Choose the incorrect statement regarding the atmosphere.
  - I. Continents & Oceans located in the lithosphere
  - II. Living & non- living are two types of resources in lithosphere.
  - III. The lithosphere is the home for living beings
  - IV. The lithosphere is consists of two parts namely earth's crust and upper mantle according to its structure
32. What is known as the tropical zone.
  - I. The zone located between the Tropic of Cancer and the Equator
  - II. The zone located between the Tropic of Cancer and Tropic of Capricorn
  - III. The zone located between the Tropic of Capricorn and the Antarctic circle.
  - IV. The zone located between the Equator and the Tropic of Capricorn

33. The seas completely surrounded by lands are called,

- I. Dead Sea and Red Sea
- II. Caspian Sea and Aral Sea
- III. Aral sea and Red sea
- IV. Black Sea and Caspian Sea

34. Which is the paddy cultivation country in Asia without commercial basis?

- I. India
- II. Pakistan
- III. Bangladesh
- IV. Vietnam

35.

- A Rainfall Over 2000 ml
- A temperature of about 27°C
- Kabok mixed red soil
- Areas with gentle slopes

Above factors are affected for the distribution in which cultivation?

- I. Paddy
- II. Tea
- III. Rubber
- IV. Coconut

36. Iron and steel production centre located due to, lakes could be utilized for transport and the availability of raw materials from area around the lakes.

- I. United States of America
- II. Japan
- III. United Kingdom
- IV. Russia

37. The basic features of assembling industries

- I. Specialization, division of labour, multinational companies
- II. Technological advancement, Specialization , international affair
- III. Multinational companies, technological advancement, international affairs
- IV. Division of labour, Specialization, technological advancement

38. Under the cottage industry in Sri Lanka, Bobbin lace and trellis work famous in

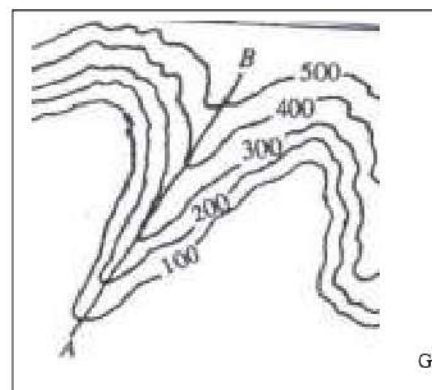
- I. Pilimathalawa and Kandy
- II. Galle and Matara
- III. Kaluthara and Galle
- IV. Galle and Koggala

39. The two ancient cities, belong to tourist zone has identified by tourist authority

- I. Dambulla/ Kurunegala
- II. Sigiriya/Nuwaraeliya
- III. Katharagama/ Anuradhapura
- IV. Kandy/Nuwaraeliya

40. What is shown by the following A-B line in the figure?

- I. Spur
- II. valley
- III. Mountain range
- IV. Watershed



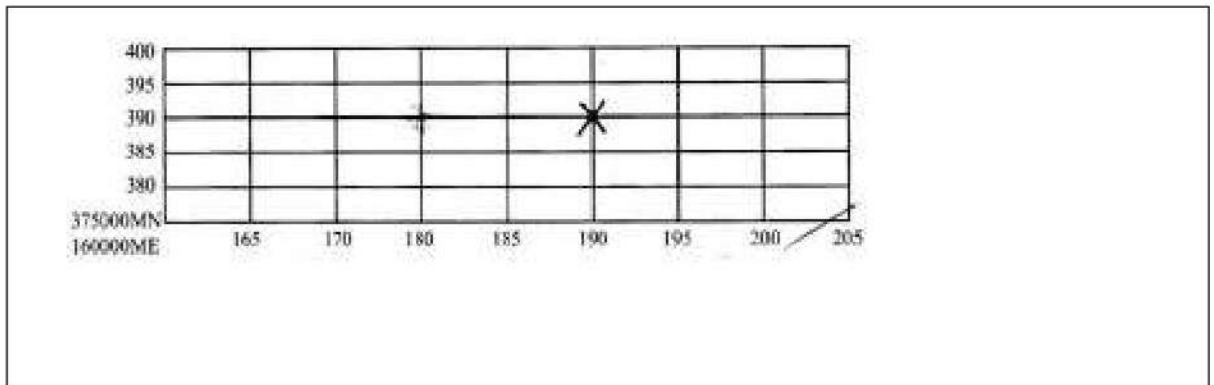
## Geography II

### Instructions:

- This paper consists of two parts I&II
- This question paper in part I is compulsory. All 03 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.

### Part I

1. a). Answer the following questions based on the knowledge of 1:50000 topographic map.
- i. Name 02 new techniques that are used for the mapping at present. (2 marks)
  - ii. State 02 uses of 1:50,000 topographic maps (2 marks)
  - iii. State the national Co-ordinates of X is located in the following grid. (2 marks)



- iv. Draw a linear scale according to 1:5000 scale  
(2 marks)

Draw the following information using symbols and standard colors

v.

1. 4km long main road (crass A)
2. 2Km<sup>2</sup> large paddy field (2 marks)

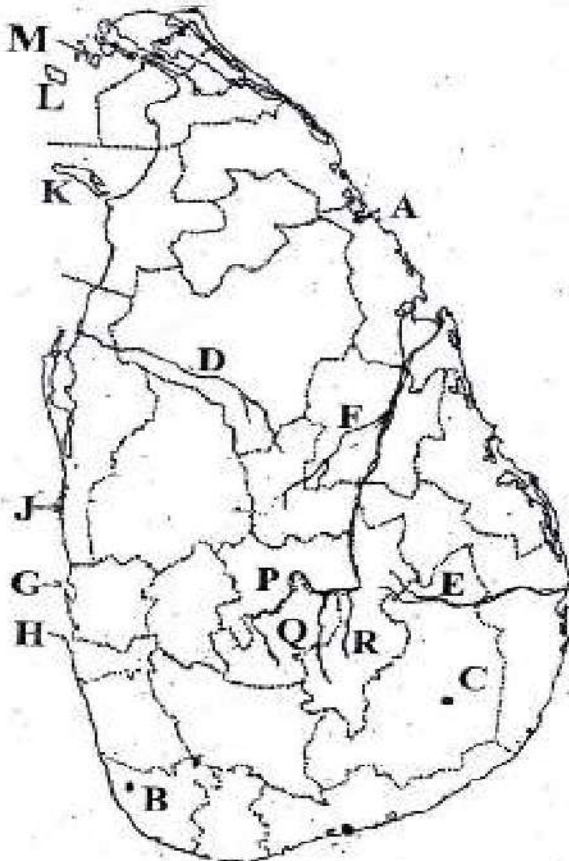
b) Study the world map provided to you and answer the questions below.



i.	
ii.	
iii.	
iv.	
v.	

- i. Hispaniola island (A,B,C)
- ii. Baas Strait (D,E,F)
- iii. United Kingdom that is famous for automobile industry(G,H,J)
- iv. Congo basin that distributed in tropical rain forest.(K,L,M)
- v. Ural zone where distributed in iron ore.(P,Q,R) (5 marks)

c) Study the Sri Lankan map provided to you and answer the questions below



i.	
ii.	
iii.	
iv.	
v.	

- i. Meetiya goda where Kaolin deposits used to produce a ceramic ware(A,B,C)
- ii. Kala oya(D,E,F)
- iii. Negombo fishing harbour(G,H,J)
- iv. Delft island(KLM)
- v. Nuwaraeliya district where Thalawakale tea research center is located.(P,Q,R) (5 marks)

2. The 04 spheres in the Earth's atmosphere can be seen in the adjoining figure.

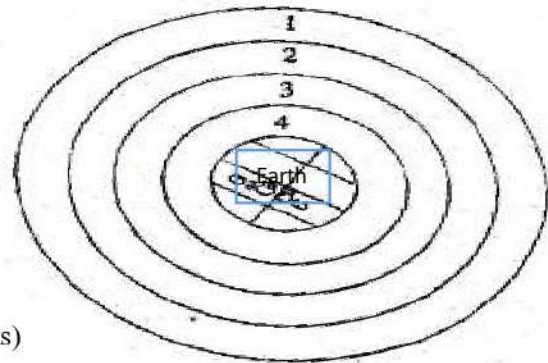
I. According to the figure,

- a. Which is the number that shows troposphere?
- b. Which is the number that shows stratosphere? (2 marks)

II. Mention 03 special features of troposphere (3 marks)

III.

- a. Name 02 factors that effect for process of biosphere (2 marks)
- b. Explain human activities that caused to break down the equilibrium of the biosphere with two examples. (3 marks)



- To answer questions from no.03 and 04 use the world map given to you.



3. A and B represent the world's dairy farming countries

- I. Name those 02 countries respectively. (2 marks)
- II. Mention 03 factors that effect for developing dairy farming in above mentioned countries (3 marks)

III.

- a. Mention 02 special characteristics of wheat cultivation (2 marks)
- b. Explain 02 reasons why wheat cultivation is an important crop in the world market. (3 marks)

4.

I. C and D represent the world's important countries of cotton textile industry.

Name those 02 countries respectively. (2 marks)

II. Mention 03 trends of the cotton textile industry (3 marks)

III.

- a. State 02 factors that effect for developing the ship building industry in Asian countries. (2 marks)
- b. Mention 03 power and energy problems related to world manufacturing industries. (3 marks)

5.

I. The agriculture takes an important place among economical activities in the world.Mention 02 reasons for that. (2 marks)

II. Mention 03 special characteristics related to wet zone paddy cultivation in Sri Lanka. (3 marks)

III.

- a. Name 02 major countries that export tea in Sri Lanka (2 marks)
- b. Briefly explain 02 problems related trade of tea in Sri Lanka. (3 marks)

6.

I. State 02 factors that influence the location of industries (2 marks)

II. Mention 03 products related to the graphite industry in Sri Lanka (3 marks)

III.

- a. State 02 problems related to mineral base industries. (2 marks)
- b. Briefly explain advantages and disadvantages of developing electronic industry in Sri Lanka (3marks)

7.

I. Mention 02 special characteristics of plantation agriculture in the world. (2 marks)

II. State 03 reasons for the government of Sri Lanka has paid more attention to promote the cultivation of minor crops. (3 marks)

III.

- a. Name 02 institutions that establish to expand the cultivation of coconut in Sri Lanka. (2 marks)
- b. Mention 02 problems related to coconut cultivation in present Sri Lanka and briefly explain the steps taken by government to solve those problems. (3 marks)

8.

I. State 02 trends of iron and steel industry. (2 marks)

II. Mention 03 problems created with the tourist industry (3 marks)

III. Briefly explain using 03 factors how tourist industry contribute the development of economy in Sri Lanka. (5 marks)