

Mid Year Examination - 2015

**GEOGRAPHY**

Grade 10

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Time: 03 Hours

Name/ Index No.

- Answer all the questions according to the instructions given for each question.
- Select the answer that suits the blank in each question from the answers given within brackets, from No. 1 to 10 and write it on the dotted lines.

- 01 ..... of the total air content of the atmosphere is present in the region that extends up to 5 - 6 km from the earth's surface. (60% / 50% / 80%)
- 02 99.04% of the atmosphere is composed of ..... and oxygen gases. (Argon / Nitrogen / Carbon dioxide)
- 03 Water in lakes and soil is belonged to the category of ..... (Under ground water / Soil water / Surface water)
- 04 The earth's ..... is primarily composed of Silica and Aluminium. (Oceanic crust / Continental Crust / Mantle)
- 05 The Earth quake occured in Nepal was resulted by a collision of Eurasian plate with ..... plate. (African / Arabian / Indo - Australian)
- 06 The third largest continent in the world is ..... continent. (Europe / North American / South American)
- 07 The island of Papua New Guinea is located in the continental shelf of ..... (Africa / Australia / Asia)
- 08 Most of the ocean trenches are located in the ..... Ocean. (Atlantic / Indian / Pacific)
- 09 The polar climate is distributed in the polar regions extending from the North pole to ..... (Tropic of cancer / Artic circle / Antartic circle)
- 10 Seasonal variations are clearly visible in ..... zone. (equatorial / tropical / temperate)

- Read each statement from No. 11 to 20 and indicate (✓) if it is correct and indicate (✗) if it is wrong.

- 11 India is a country situated in the temperate zone. ( )
- 12 Most of the desert regions in the world are distributed in tropical climate. ( )
- 13 The slope area related to continental shelf is belonged to continental slope. ( )
- 14 Southern ocean is the smallest ocean in the world. ( )
- 15 Read sea is completely surrounded by land. ( )
- 16 Disturbance in the equilibrium of the lithosphere due to construction of large reservoirs. ( )
- 17 There is no water vapour in the Mesosphere. ( )
- 18 The boundary that separates the crust of the earth from the mantle is called the Gutenberg discontinuity. ( )
- 19 The continent of Antarctica is distributed about 9.2% of the total land mass in the world. ( )
- 20 Carribean sea is located between African and European continents. ( )

- Fill in the blanks in the questions from No. 21 to 30 with suitable words.

- 21 ..... is the deepest ocean trench in the world.
- 22 ..... plain in Australia is a very large plain area.
- 23 High ..... is a main characteristic of tropical climate.
- 24 Mediterranean climate is prevalent in ..... climate zone.
- 25 ..... in Africa is a paddy cultivating region outside Asia.
- 26 Paddy cultivation is done in ..... fields in hilly lands.

- 27 ..... is the leading country which produce wheat in 2010.
- 28 Flat land and ..... soil is suitable for wheat cultivation.
- 29 Skilled labour with proper management is a characteristics of ..... agriculture.
- 30 Popularity of the ..... than the tea that is planted from seeds.
- **For each question from No. 31 to 40, underline the correct or the most appropriate answer out of the four answers given.**
- 31 Which of the following type of cultivation that is organized with the factors such as temperature about 15°C - 27 °C, Loam - Laterite soil and skilled labour?  
 (1) Rubber cultivation (2) Tea cultivation (3) Coffee cultivation (4) Wheat cultivation
- 32 The answer shows the salient characteristic of wheat group of Norine - 10 is,  
 (1) It was introduced under green revolution to provide high yield.  
 (2) It is popular over the world.  
 (3) Most of the people consume it.  
 (4) The yield can be obtained with out add any agrochemical cargo.
- 33 The crop which used to produce sugar and paper mostly is,  
 (1) Paddy (2) Wheat (3) Sugar cane (4) Rubber
- 34 The most appropriate statement regarding the Mississippi and Sacramanto Valleys in North America is,  
 (1) Regions engage in terraced paddy cultivation.  
 (2) Regions engage in cotton cultivation.  
 (3) Regions which produce largest yields of wheat.  
 (4) Regions engage mostly in paddy cultivation.
- 35 The answer comprised of gasses that available in very small amount in the atmosphere is,  
 (1) Ozone, Neon, Helium (2) Helium, Neon, Cripton  
 (3) Nitrogen, Helium, Ozone (4) Carbon dioxide, Helium, Oxygen
- 36 The layer in the atmosphere burns most of the meteorites heading towards the earth from the space is,  
 (1) Troposphere (2) Stratosphere (3) Mesosphere (4) Exosphere
- 37 The answer does not represent any process related to the hydrological cycle of the earth,  
 (1) Water is received by the precipitation.  
 (2) Water run off on the surface.  
 (3) Run off is ocured through evaporation.  
 (4) Certain amount of water stores as under ground water.
- 38 The group of countries which are situated only in the tropical climatic zone in the world is,  
 (1) Britain, Japan, India (2) Australia, China, Sri Lanka  
 (3) India, Phillipine, China (4) Sri Lanka, India, Mexico
- 39 The answer composed only of the plateaus in the world is,  
 (1) Pamir, Deccan, Tibet (2) Rocky, Mongolian, Tibet  
 (3) Atlas, Andes, Pamir (4) Tibet, Apalachian, Pamir
- 40 The answer composed of the characteristics that prevail only in the Tundra Climatic regions is,  
 (1) Low temperature, Fog, rain fall above 1500mm.  
 (2) Snow fall, Cold climate, low temperature  
 (3) Low temperature, Snow fall, heavy rain fall.  
 ( 4 ) M o n s o o n r a i n , c o l d c l i m a t e , w i n t e r s e a s o n .  
 (01 x 40 = 40)

## PART - II

- **Answer five questions including the first question.**

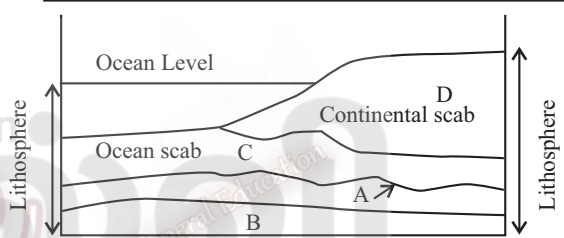
- 01 Mark and name followings on a world map given.
- (1) An island situated in the continental shelf of Africa.
- (2) A sea in the Asian continent which is completely surrounded by land.
- (3) The largest mountain range in South America.

- (6) The largest lake in the world.
  - (7) Any country in southern hemisphere that is situated in the temperate climate zone.
  - (8) A river that flows into the eastern coastline of South America.
  - (9) Any country in Northern hemisphere that is situated in the cold climate zone.
  - (10) A country in the tropical climatic region which has a high temperature. (02 x 10 = 20)
- 02 (1) Name three main climatic regions in the world. (03m.)
- (2) Describe two characteristics of the climate that prevail in one of the three climatic region. (04m.)
- (3) Describe the human activities that organized with the climate of the region that you have mentioned above (in 2.2) (03m.)

- 03 (1) Name the 4 regions engage in paddy cultivation apart from Asia marked as A, B, C and D on the map given on right. (04m.)
- (2) Write the physical factors suitable for paddy cultivation. (03m.)
- (3) Describe two changes occur related to production of paddy recently with relevant examples. (03m.)



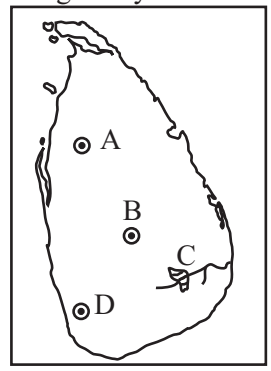
- 04 (1) Answer following questions regarding the figure, which shows the crust of the earth's interior. Name,
1. Zone of discontinuity shown by letter A.
  2. Layer shown by letter B.
  3. Main rock types distributed in the regions shown by letter C and D. (04m.)



- (2) Write 2 characteristics prevail in the area shown by letter B. (02m.)
- (3) Write 2 characteristics in the layers shown by letter C and D respectively and describe how do those layers contribute the existance of the life on the earth. (04m.)
- 05 (1) Show how the atmosphere is formed in accordance with the location of it. (03m.)
- (2) Describe how do the atmosphere contribute the existance of plants and animals with suitable examples. (03m.)
- (3) 1. Write 2 characteristics of any main layer of the atmosphere. (02m.)
2. Explain the atmospheric conditions which occur within 50km from the surface of the earth in accordance with 2 facts. (02m.)

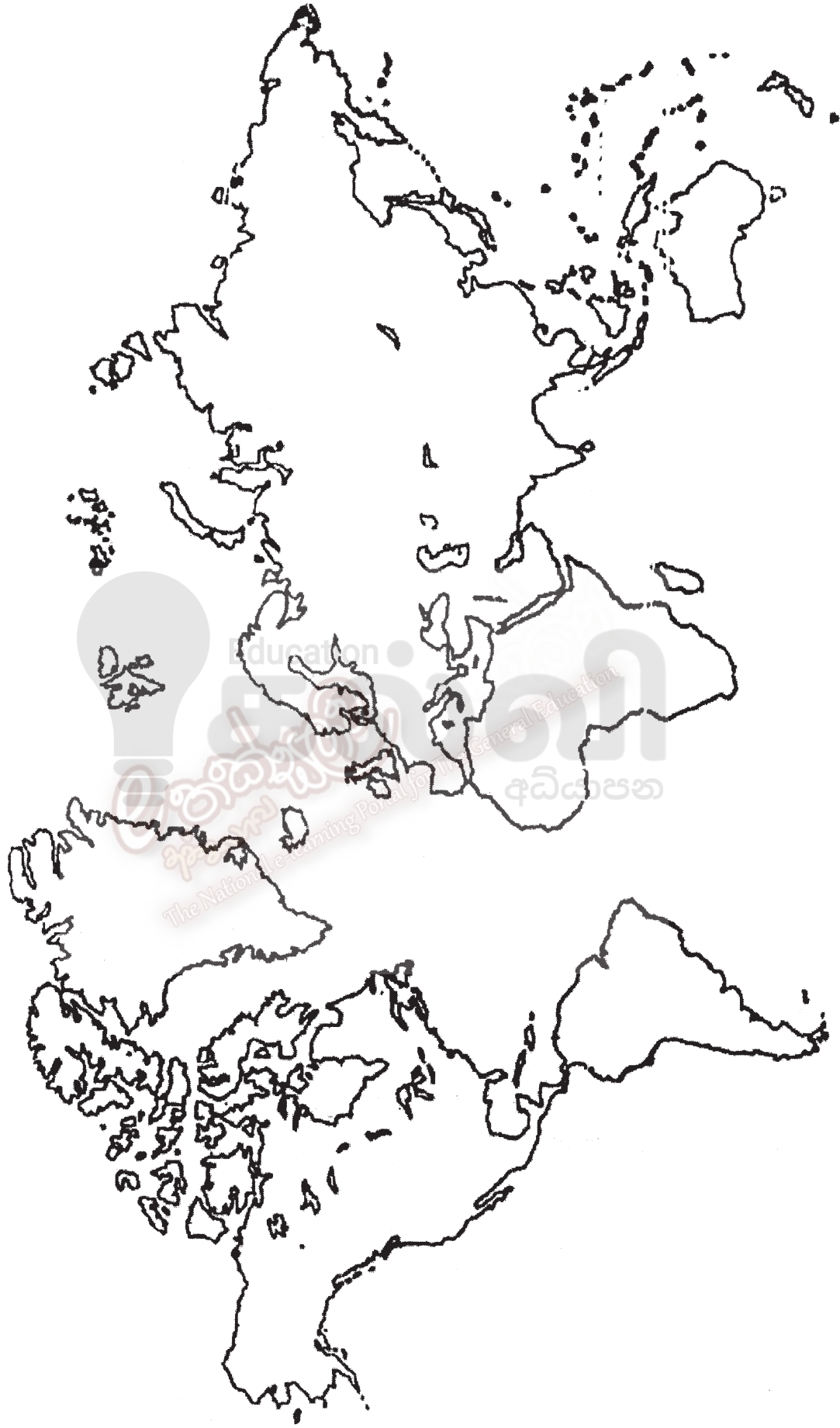
- 06 (1) Explain following processes related to the hydrological cycle of the earth.  
 (a) Precipitation (b) Evaporation (c) Percolation (06m.)
- (2) Explain with suitable examples about the contribution of the hydrological cycle for the existance of the biosphere. (04m.)

- 07 (1) Write 3 environmental zones of paddy cultivation in Sri Lanka. (03m.)
- (2) Name the paddy research centers marked as letter A, B, D and the reservoir marked as letter C on the map. (04m.)
- (3) Describe three reasons for the importance of paddy cultivation in Sri Lanka. (03m.)



Grade 10 - Geography

World map for question No. 01



**GRADE**  
**6-11**

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Conducted by  
**Pathmanathan Pathmaraj**  
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## எங்கள் குறிக்கோள்

எண்ணிம உலகத்தில் மாணவர்களிற்கென சிறந்ததொரு கற்றல் கட்டமைப்பை உருவாக்குதல்.

அனைத்தும் டிஜிட்டல் மயப்படுத்தப்பட்ட இந்த காலத்தில் பல்வேறு துறைகளும் கால ஓட்டத்துடன் இணைந்து டிஜிட்டல் தளத்தில் பல்கிப்பெருகி வருகின்றன. அந்த வகையில் கல்வித்துறையும் இதற்கு விதிவிலக்கல்ல. இணையவழி கல்வியின் மூலம் கல்வித்துறை புதியதொரு பரிமாணத்தை எட்டியுள்ளது. குறிப்பாக கொரோனா பேரிடர் காலத்தில் நாடே முடக்கப்பட்டிருந்தது. இதனால் மாணவர்களிற்கும் பாடசாலை, கல்வி நிறுவனங்களிற்கு இடையிலான தொடர்பு துண்டிக்கப்பட்டது. அந்த இக்கட்டான சூழ்நிலையில் இணையவழி வகுப்புகள் மாணவர்களிற்கு வரப்பிரசாதமாக அமைந்தது என்பதே உண்மை.

இன்று தொழில்நுட்பம் மாணவர்களை தவறான பாதைக்கு இட்டு செல்வதாக ஓர் எண்ண ஓட்டம் மக்கள் மத்தியில் உள்ளது. தொழில்நுட்பம் என்பது ஒரு கருவி மட்டுமே அதை எவ்வாறு பயன்படுத்துகிறோம் என்பதில் அதன் ஆக்க மற்றும் அழிவு விளைவுகள் தீர்மானிக்கப்படுகிறது. உளியை கொண்டு சிலையை செதுக்க நினைத்தால் அவன் நிச்சயம் சிற்பி ஆகலாம். இங்கு பிரச்சினையாக காணப்படுவது மாணவர்களை வழிப்படுத்த தொழில்நுட்ப உலகில் ஓர் முறையான கட்டமைப்பு இல்லாமையே. அதை உருவாக்குவதே எங்கள் நோக்கம். அதை நோக்கியே எங்கள் பயணம் அமையும்.

**எமது இணையத்தினூடக ஊடக உங்களிற்கு தேவையான பரீட்சை வினாத்தாள்களை இலகுவான முறையில் தரவிறக்கம் செய்து கொள்ளமுடியும்.**

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