

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 occurred 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 / Arctic circle / Antarctic 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 Red 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 without 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 Sacramento 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, Crypton  
 (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 occurred 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) Monsoon rain, cold climate, winter season.
- (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, Education
1. Zone of discontinuity shown by letter A. අධිකාරී
  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. අධිකාරී (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.)



