

Answer Paper - Part I

- 01 50% 02 Nitrogen 03 Underground water 04 Oceanic crust
 05 Indo - Australian 06 North American 07 Australia 08 Pacific
 09 Arctic circle 10 Temperate 11 ✗ 12 ✓ 13 ✓ 14 ✗ 15 ✗
 16 ✓ 17 ✓ 18 ✗ 19 ✓ 20 ✗ 21 Mariana trench 22 Nullarbar
 23 Temperature 24 Temperate 25 Nile delta 26 Terraced 27 China
 28 Chernozem 29 Plantation agriculture 30 Vegetatively propagated tea
 31 2 32 1 33 3 34 4 35 2 36 2 37 3 38 4
 39 1 40 2 (40 marks)

Part - II

- 01 (1) Madagascar (2) Caspian sea / Aral sea (3) Andes mountain range
 (4) Nullarbur plain (5) Nile river (6) Lake superior
 (7) Argentina / Australia (8) Amazon (9) Greenland / Buffine island
 (10) Indian, Chad, Niger (2 x 10 = 20)
- 02 (1) Tropical / Temperate / Cold (03m.)
 (2) Grant marks in accordance with the climate region. (04m.)
 (3) Grant marks for the description of human activities in accordance with the climate. (03m.)
- 03 (1) A - Mississippi valley / B - Nile delta / C - Sacraman to valley in California / D - Madagascar (04m.)
 (2) Temperature about 27°C / Rainfall about 2000mm / Alluvial soil / Flat land (03m.)
 (3) Cultivation in small plots. / Production of various by products based on paddy. / Use of high yield varieties made of gene technology. etc., (03m.)
- 04 (1) 1. Mohorovicic discontinuity
 2. Mantle
 3. C - Basalt / D - Granite (04m.)
 (2) Distribute about 2900km deep into the earth's interior. Grant marks for the writting of characteristics of the mantle. (02m.)
 (3) C, D - Grant marks for the features of each layer such as simag layer oceanic crust, prevalence of silica and Magnesium etc., (04m.)
- 05 (1) Grant marks of correct location of layers. (03m.)
 (2) Provide oxygen, contribution for the growth of plants and occurrence of precipitation etc., (must describe) (03m.)
 (3) 1. Grant marks for correct features of one layer. (02m.)
 2. Grant marks for the features of troposphere and stratosphere. (02m.)
- 06 (1) A - Precipitation / B - Evaporation / C - Infiltration (Should describe) (2x3=06)
 (2) For agriculture, industries and transportation. / Important for living beings. / For domestic purposes. (04m.)
- 07 (1) Dry zone / Wet zone / Intermediate zone / Hilly lands (03m.)
 (2) A - Mahailuppallama paddy research center
 B - Gannoruwa agricultural research center
 D - Bombuwala paddy research center
 C - Galoya Reservoir (04m.)
 (3) Provide raw materials for many industries. / the staple food of Sri Lankans. / To produce organic manner. / Generate various job opportunities. (03m.)