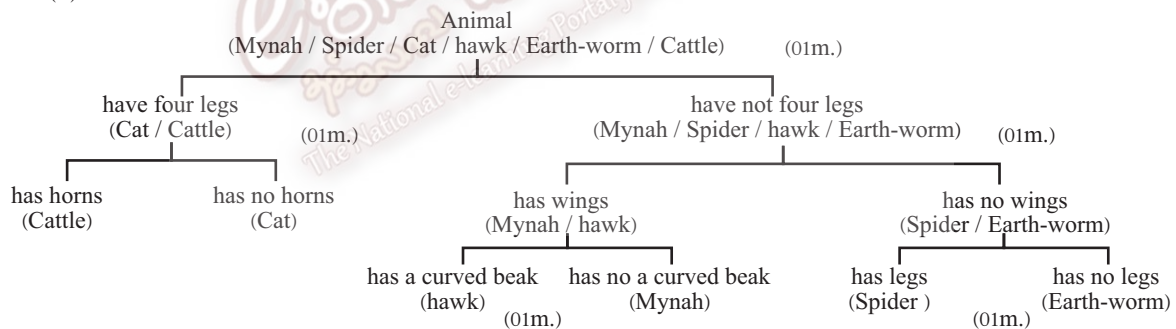


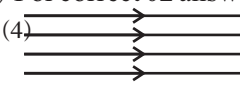
Answer Paper - Part I

- 01 (1) ✓ (2) ✓ (3) ✗ (4) ✗ (5) ✓ (6) ✗ (7) ✗ (8) ✓
 (9) ✓ (10) ✓ (1 x 10 = 10)
- 02 (1) water (2) glass (3) salt (4) brittleness (5) energy
 (6) non-luminous (7) LED bulbs (8) ear plugs (9) bar magnet
 (10) bulbs (1 x 10 = 10)
- 03 (1) 1 (2) 4 (3) 3 (4) 2 (5) 3 (6) 3 (7) 3
 (8) 4 (9) 4 (10) 1 (2 x 10 = 20)

Part - II

- 01 (1) ability to do work. (02m.)
 (2) (a) Sun (01m.)
 (b) Fuels made from buried plants and animal under ground for a long time ago by subjecting to high pressure and temperature. (02m.)
 (c) Crude oil / Coal / Natural gas (03m.)
 (3) (a) Hambnanthota / Puttalam (01m.) (b) having high currents of wind. (02m.)
 (4) Potential energy of water, energy of tidal waves, geothermal energy. (for a answer) (02m.)
 (5) for correct 0 2 facts. (02m.)
- 02 (1) Ice, water, water vapour or Solid, liquid, gas (03m.)
 (2) fresh water / Marine water / brackish water (03m.)
 (3) (a) for 02 correct factors. (02m.) (b) diarrhea, cholera etc., (02m.)
 (4) As a medium of transport, games is water, as cooling agents, for agricultural activities. etc., (02m.)
 (5) Precipitation, Surface water, ground water. (03m.)
- 03 (1) Respiration, motion, nourishment, sensitivity. (for 03 facts) (03m.)
 (2) Plants / Animals / Micro-organisms (03m.)
 (3) Animals do locomote / plants do not locomote, growth of animal is limited / growth of plants is unlimited., Animals are heterotrophic / Plants are autotrophic. etc., (02m.)
 (4)



- (5) Carbon dioxide / Water (02m.)
- 04 (1) Substances emit light (02m.) (2) For correct 02 answers. (02m.)
 (3) Fire - fly / glow - worm (01m.) (4)  linear (01m.)
 arrow head (01m.)
- (5) for correct diagram. (03m.)
 (6) Vision / illumination / communication / photosynthesis / medical activities etc., (05m.)
- 05 (1) iron (01m.) (2) correct name (02m.) / diagram (02m.) (3) Poles (01m.)
 (4) (a) A - North pole / B - South pole (02m.) (b) Compass (02m.)
 (c) to find direction (01m.)
 (d) When exploring activities / Soldiers use / this to find directions. (02m.)
 (5) repulsion (02m.)

Marks I - Part = 40
 II - Part = 60
 All Marks 100