

Answer Paper - Part I

01. (3) 02. (2) 03. (2) 04. (2) 05. (4) 06. (4) 07. (2) 08. (1) 09. (3) 10. (3)
 11. (2) 12. (4) 13. (3) 14. (4) 15. (4) 16. (x) 17. (x) 18. (✓) 19. (x) 20. (✓)

Part II

(2 x 20 = 40)

- 01 (1) Natural terrestrial Natural aquatic (02 m.)
 (2) (a) For 2 correct answer like Margosa (Kohomba) "Halmilla" etc (02 m.)
 (b) Deers, leopards, monkeys, squirrels etc. (02 m.)
 (c) Two of Anuradhapura / Polonnaruwa / Trincomalee / Ampara / Baticaloa (02 m.)
 (d) Barks are thick roots penetrate deep into soil (02 m.)
 (3) Wet patana, Damana and Talawa Dry patana, Villus ($1/2 \times 4 = 02$ m.)
 (4) acts as sponge for water / provides a habitat for wild life / removes poisonous pollutants / (two of above) (02 m.)
 (5) mangrove plants (01 m.)
- 02 (1) Occupying a space / having a volume / having a mass (02 m.)
 (2) solid, liquid, gas (03 m.)
 (3) for 3 correct diagrams (03 m.)
 (4) (a) Na (b) N (c) Ag (03 m.)
 (5) (a) Nitrogen (N) (b) copper (Cu) (c) carbon (C) (03 m.)
 (6) for a metal and non metal ($1/2 \times 2$) (01 m.)
- 03 (1) Mass of a unit volume of a substance (01 m.)
 (2) kilograms per cubic meter (01 m.) kgm^{-3} (01 m.) (02 m.)
 (3) Density = $\frac{\text{mass}}{\text{volume}} = \frac{675 \text{ kg}}{0.25 \text{ m}^3} = 2700 \text{ kgm}^{-3}$ (03 m.)
 (01 m.) (01 m.) (01 m.) (Give marks if there's no unit)
 (4) Marks for 3 correct instances (03 m.)
 (5) concrete by leaving space (idea similar to above) (02 m.)
 (6) balloon is filled with air. air expands when heating by sun rays. then baloon will explode (02 m.)
 (7) Electric iron, electric stove (for correct two equipments) (02 m.)
- 04 (1) The message can be received in a short period of time. A media can be used to know information by any one who speaks any language. (02 m.)
 (2) marks for 4 fields ($1/2 \times 4$) (02 m.)
 (3) Using standard colours as they have denote correct shape as they have preparing display boards with symbols according to standard scale. (03 m.)
 (4) marks for correct diagrams (colour and scale not necessary) (04 m.)
 (5) (a) Yes (01 m.) (b) message is communicated to any one without a problem of language (02 m.)
 (6) Blind people (02 m.)
 (7) (02 m.)
- 05 (1) Industrial agricultural Human settlements (03 m.)
 (2) marks for 2 correct features (02 m.)
 (3) problems in sewage disposal insufficient ventilation (02 m.)
 (4) 05 (01 m.) Any two of cobra, Russell's viper, saw scaled viper, Sri Lankan Krait, Common krait (03 m.)
 (5) marks for 2 correct actions (02 m.)
 (6) moving towards a danger (01 m.)
 (7) (a) non - poisonous (b) midly poisonous - mulalang thelissa "cat snake" (02 m.)