

Answer Paper - Part I

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

Part - II

(2 x 20 = 40)

- 01 (i) Food web (01m.) (ii) Paddy → Rat → Hawk (02m.)
 (iii) (a) Rat (b) Paddy (c) Hawk (03m.)
 (iv) (a) symbiosis (b) Predator (c) Parasitic (03m.)
 (v) (a) for a correct explanation (02m.)
 (b) lizard (02m.)
 (vi) Physical weathering, Chemical weathering (02m.)
- 02 (i) Correct 4 systems. (02m.)
 (ii) Nasal cavity, Trachea (½ - 02 m.)
 (iii) Lungs (01m.) (iv) exchange of gases / Inhalation, exhalation (01m.)
 (v) Carbon dioxide / CO₂ (01m.) (vi) Reproductive system (01m.)
 (vii) Shoot system, Root system (02m.) (viii) Phloem (01m.)
 (ix) Flower (01m.)
 (x) (a) Cork or a correct plant. (01m.)
 (b) Mangrove plant or a correct plant. (01m.)
 (c) Pepper / Betel or a correct plant. (01m.)
- 03 (i) having a mass and occupying a space. (02m.)
 (ii) Mixture that the appearance, composition and properties through out the entire mixture is same. (02m.)
 (iii) Homogeneous mixtures - Sugar solution / Salt solution etc., (02m.)
 Heterogeneous mixtures - Soil / Sand etc., (01m.)
 (iv) Substances cannot be separated into simple substances more. (01m.) (v) (01m.)
 (vi) (a) Turn in to white colour (01m.)
 (b) Anhydrous Copper Sulphate (01m.)
 (vii) (a) Acetylene (01m.) (b) for ripening fruits / for producing oxyacetylene (01m.)
 (viii) (a) Hydrogen (b) Costic Soda / Auminium pieces of Zinc (02m.)
- 04 (i) Volume = 2cm x 2cm x 2cm = 8cm³ (02m.)
 (ii) Over flow vessel / Ureka vessel, Small beaker, Measuring cylinder (03m.)
 (iii) Density = $\frac{\text{Mass}}{\text{Volume}}$ (01m.)
 (iv) Density of certain substance relatively to that of water. (02m.)
 (v) Relative density = $\frac{\text{density of substance}}{\text{density of water}} = \frac{7900\text{kgm}^{-3}}{1000\text{kgm}^{-3}} = 7.9$ (02m.)
 (vi) Substances which flows electric current (01m.)
 (vii) Transistor / diode / LED bulb / Memory chip (½ - 01 m.)
 (viii) A - Switch / B - Electrical cell / C - Light Emitting diode / LED (03m.)
- 05 (A) (i) (a) (Lemon) Lime / Vinegar / Goraka (Gorcinia) etc., (01m.)
 (b) Lime / Soap / Washing Powder etc., (01m.)
 (c) Sugar / Water / Kerosene oil etc., (01m.)
 (ii) Litmus / pH papers / Phenopthelene / Methyl orange (02m.)
 (iii) Juice of butterfly pea (Nil Katarolu) / Juice of shoe flowers / Turmeric (02m.)
 (iv) (a) Citric acid (b) Tataric acid (02m.)
 (B) (i) + charges - charges (02m.) (ii) gold leaf electroscope (02m.)
 (iii) Lightning conductor (02m.)

2025

1ம் தவணை வகுப்புகள்

தரம் 6 முதல் 11 வரையான
மாணவர்களிற்கான தமிழ் மற்றும் ஆங்கில
மொழிமூல வகுப்புக்கள் ஆரம்பமாகவுள்ளன.

ஆரம்பம் 01.01.2025



இலங்கையின் எப்பாகத்திலிருந்தும்
Zoom app மூலம் எமது வகுப்புகளில்
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அனைத்துப் பாடங்களும் ஒரே கல்வி நிறுவனத்தின் கீழ்...



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