

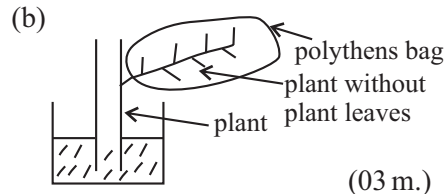
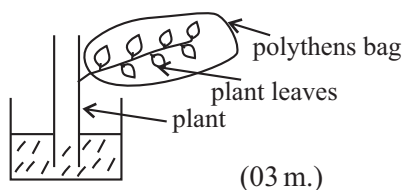
Answer Paper - Part I

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

Part II

(2 x 20 = 40)

- 01 (1) Seeing droplets of liquids inside the polythene bag. (02 m.)
 (2) (02 m.)
 (3) Scientific method (01 m.)
 (4) (a)



02 marks for correct drawing 01 mark for naming parts.

- (c) Water remove from plant leaves as vapour. (01 m.)
 (5) (a) anhydrous Copper sulphate / white coloured copper sulphate (02 m.)
 (b) changes to blue colour (01 m.)
- 02 (1) (a) 80 m (01 m.) (b) 40 m (01 m.)
 (2) (a) distance travelled in unit time / $\frac{\text{distance}}{\text{time}}$ speed (02 m.)
 m.) = $\frac{\text{displacement}}{\text{time}}$
 (b) rate of change of displacement / Velocity
 $= \frac{\text{distance} = 80\text{m}}{\text{time} = 16\text{s}} = 5(\text{ms}^{-1})$ (02 m.)
- (3) (a) speed $\frac{40\text{m}}{16\text{s}} = 2.5(\text{ms}^{-1})$ (01 m.)
 (b) velocity $= \frac{\text{displacement}}{\text{time}} = \frac{40\text{m}}{16\text{s}} = 2.5(\text{ms}^{-1})$ (03 m.)
- (4) meters per square seconds / meters per seconds per seconds / ms^{-2} (02 m.)
 (5) deceleration (01 m.)
- 03 (1) Nicolaus Copernicus (02 m.) (2) Galileo Galilei (02 m.)
 (3) Rising of sun from East, set down from West (02 m.)
 (4) Line indicate the apparent path of the sun across the sky throughout the year (02 m.)
 (5) Give marks for correct oder. (04 m.)
 (6) Andromeda Cloud, Maganlanith Cloud (02 m.)
 (7) Milkyway (01 m.)
- 04 (1) Fung, Bacteria, Virus, Mono cellular organism (03 m.)
 (2) Coir/ Gute (02 m.) (3) Cheese, Yoghourt, Curd, (02 m.)
 (4) Penicillin/ Ampicillin (02 m.)
 (5) Infected by diseases food spoilage (02 m.)
 (6) (a) Mono cellular organism (b) Fung (c) Virus (d) Bacteria (04 m.)
- 05 (1) Simple Microscope (01 m.) (2) eye piece, objective piece (02 m.)
 (3) Consider correct answer (03 m.)
 (4) 1500 or 2000 (02 m.)
 (5) Medical Laboratories / Hospitals (02 m.)
 (6) Fine adjustment, Corse adjustment, Base of the mirror (02 m.)
 (7) $15 \times 45 / 675$ (02 m.)
 (8) Electron Microscope (01 m.)

Part - I 2 x 20 = 40
 Part - II 4 x 15 = 60
 Total 100