

SMART EDU HUB

9700 A LEVEL BIOLOGY

Cambridge A Level Biology (9700) – Paper 1 Tough Questions

MAY-2023- Multiple Choice paper- Paper 1-All variants

Paper 9700/11 – MCQ (Variant 11)

- Q1 – Cell ultrastructure identification (ribosome vs vesicle size)
- Q6 – Endosymbiotic theory interpretation
- Q9 – Protein bonds (peptide vs disulfide confusion)
- Q10 – Disulfide bond counting
- Q17 – Mitosis vs DNA replication
- Q21 – Low overall success rate
- Q26 – Apoplast vs symplast transport
- Q30 – Blood vs tissue fluid protein content
- Q35 – Cell type identification (goblet cells error)

Paper 9700/12 – MCQ (Variant 12)

- Q3 – mRNA location and RER misunderstanding
- Q12 – Very low correct response rate
- Q18 – Diffusion distance logic
- Q20 – Nuclear membrane during mitosis
- Q27 – Apoplast mass flow
- Q28 – Site of evaporation in transpiration
- Q31 – Proton movement in sucrose loading
- Q37 – Multi-step diffusion distance calculation

Paper 9700/13 – MCQ (Variant 13)

- Q6 – Circular DNA and telomeres
- Q11 – Low success rate
- Q13 – Disulfide bonds as covalent bonds
- Q16 – End-product inhibition
- Q17 – Membrane structure misconceptions
- Q25 – Role of DNA polymerase
- Q29 – Apoplast vs symplast statements
- Q30 – Numerical calculation difficulty
- Q38 – Oxygen membrane crossings