BIOLOGY GRADE 10
OPENER EXAM TERM 2, 2026
MARKING SCHEME

SECTION I – MARKING SCHEME (40 MARKS)

Q1. Cell Structure – Generalised Animal Cell [8 marks]

Fig. 1 — Structure of a Generalised Animal Cell

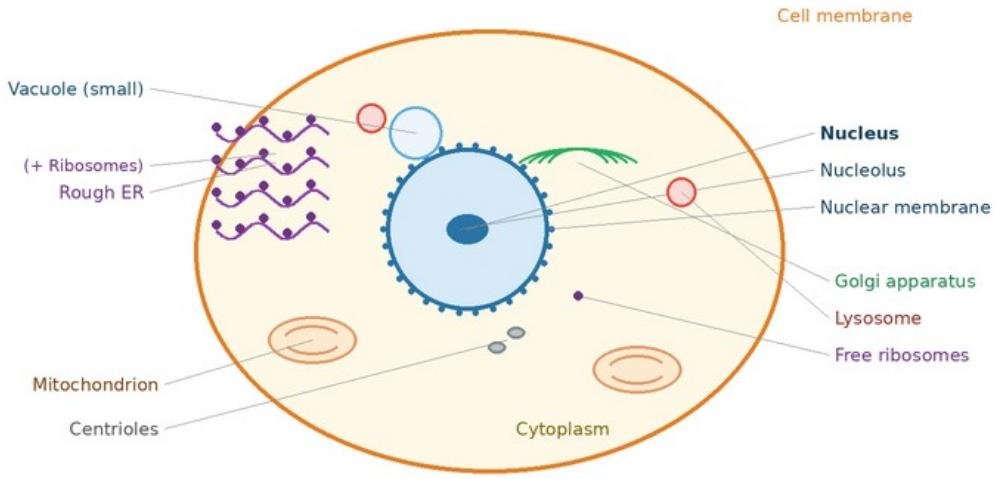


Fig. 1.1 — Reference diagram (Animal Cell)

(a) Name of organelles A–D

Label	Description	Correct Answer
A	Controls all cell activities; contains DNA	Nucleus
B	Site of aerobic respiration; produces ATP	Mitochondrion / Mitochondria
C	Site of protein synthesis	Ribosome(s)
D	Modifies and packages proteins into vesicles	Golgi apparatus / Golgi body

1 mark per correct name (accept any acceptable spelling/alternative name) ✔️ **M4**

Note: Also accept: A = nuclear membrane if candidate identifies outer layer; C = rough endoplasmic reticulum if they refer to ribosomes on ER surface. Do not accept "cell membrane" for A.

Part (a) subtotal **4 marks**