

Smart Edu Hub / Smart Exam Resources

9700 / CAIE A level Biology / Paper-1/ Multiple Choice Questions

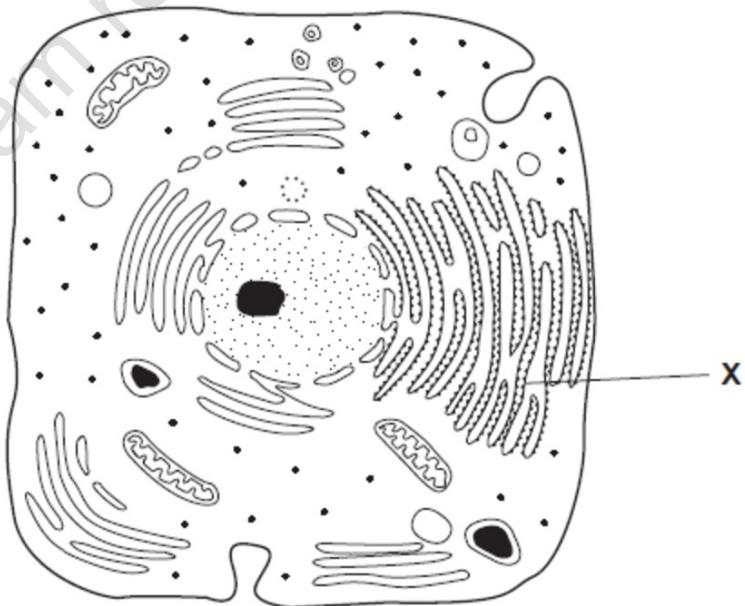
1.2.21-Pictomicrographs-and-Electronmicrographs-Set-1-qp

Total Questions: 3

Questions

Question 1:

The diagram shows an electronmicrograph of a typical animal cell.



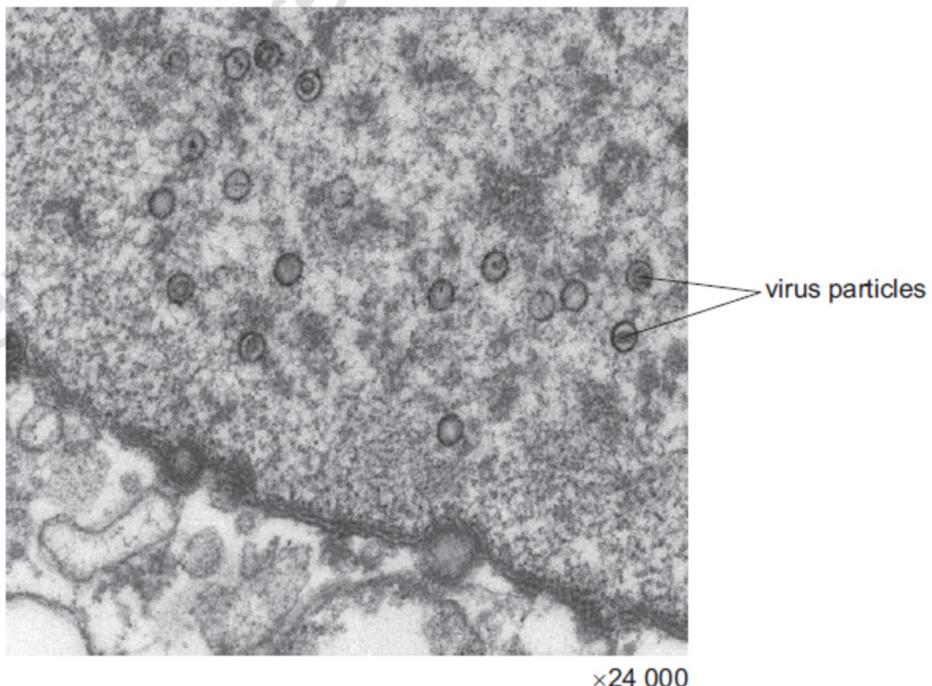
What is the function of the membrane system labelled X?

- A lipid synthesis
- B lipid synthesis and transport
- C protein synthesis
- D protein synthesis and transport

Questions (Continued)

Question 2:

The diagram shows an electron micrograph of virus particles in a human nucleus.



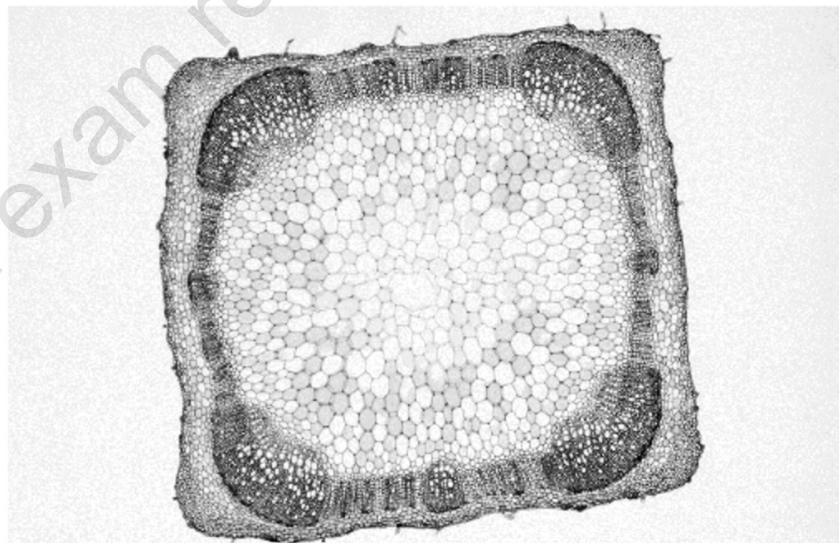
What is the diameter of the labelled virus particles?

A $1.5 \times 10^0 \mu\text{m}$ B $1.5 \times 10^{-2} \mu\text{m}$ C $1.5 \times 10^0 \text{nm}$ D $1.5 \times 10^2 \text{nm}$

Questions (Continued)

Question 3:

The photomicrograph shows a section through a plant organ.



Which statement could be used to describe this organ?

- A The central region of this organ has supporting tissue.
- B The endodermis tissue is a thick layer around the edge of the organ.
- C The epidermis tissue in this organ has unicellular extensions (trichomes).
- D The xylem tissue is found in greatest density in the centre of the organ.