

Bahagian A

Jawab semua soalan.

- 1 Antara berikut, yang manakah unit asas bagi benda hidup?

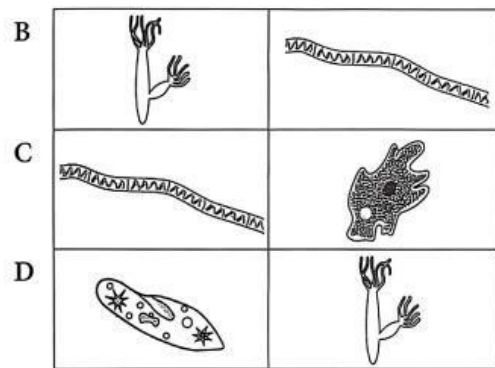
Which of the following is the basic unit of living things?

- A Sistem System
- B Tisu Tissue
- C Organ Organ
- D Sel Cell

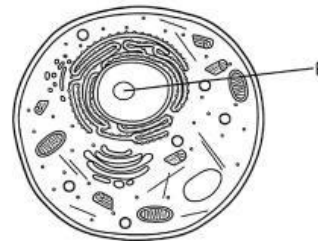
- 2 Antara pasangan berikut, yang manakah dipadankan dengan betul?

Which of the following pairs is correctly matched?

Organisma unisel Unicellular organism	Organisma multisel Multicellular organism
A 	



- 3 Rajah berikut menunjukkan suatu sel haiwan.
The diagram shows an animal cell.



Apakah fungsi P?

What is the function of P?

- A Mengawal pergerakan bahan keluar dan masuk ke dalam sel
Controls the movement of substances into and out of the cell
- B Mengawal segala aktiviti sel
Controls all activities in the cell
- C Mengekalkan kesegahan sel
Maintains the turgidity of the cell
- D Memberikan sokongan dan mengekalkan bentuk sel
Provides support and maintains the shape of the cell

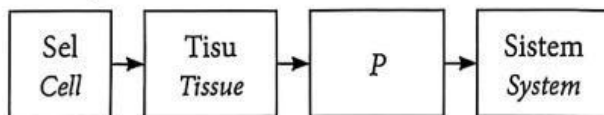
4 Antara berikut, yang manakah hanya terdapat dalam sel tumbuhan?

Which of the following is found only in plant cells?

- A Nukleus
Nucleus
- B Kloroplas
Chloroplast
- C Membrane sel
Cell membrane
- D Sitoplasma
Cytoplasm

5 Rajah berikut menunjukkan urutan organisasi sel dalam organisma.

The diagram shows the order of cell organisation in organisms.



Apakah contoh yang diwakili oleh P dalam manusia?

What is an example that is represented by P in humans?

- A Epitelium
Epithelium
- B Sel darah merah
Red blood cells
- C Jantung
Heart
- D Otot
Muscles

6 Rajah menunjukkan sejenis sel yang terdapat dalam badan manusia.

The diagram shows a type of cell found in the human body.



Apakah sistem yang terdiri daripada sel, ditunjukkan itu?

What system is made up of the cells shown?

- A Sistem otot
The muscular system
- B Sistem respirasi
The respiratory system
- C Sistem saraf
The nervous system
- D Sistem endokrin
The endocrine system

7 Rajah di bawah menunjukkan sel M, terdapat dalam darah.

The diagram below shows cell M that is found in the blood.

Apakah fungsi sel M?

What is the function of cell M?

- A Melindungi badan daripada jangkitan penyakit
Protects the body from infections
- B Menyelaras dan mengawal aktiviti badan
Coordinates and controls body activities
- C Mengangkut oksigen ke sel-sel yang lain
Transports oxygen to other cells
- D Melapisi dan melindungi permukaan organ
Coats and protects organ surfaces

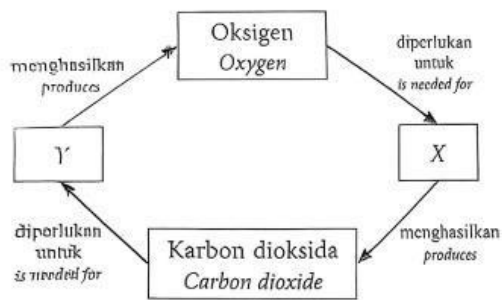
8 Semua organisma menjalankan suatu proses untuk menghasilkan tenaga. Apakah proses tersebut?

All organisms carry out a process to produce energy. What is that process?

- A Fotosintesis
Photosynthesis
- B Transpirasi
Transpiration
- C Respirasi sel
Cell respiration
- D Pembiakan
Reproduction

9 Rajah menunjukkan dua proses yang berlaku dalam tumbuhan.

The diagram shows two processes that occur in plants.



Apakah X dan Y?
What are X and Y?

	X	Y
A	Respirasi Respiration	Fotosintesis Photosynthesis
B	Respirasi Respiration	Transpirasi Transpiration
C	Fotosintesis Photosynthesis	Respirasi Respiration
D	Transpirasi Transpiration	Respirasi Respiration

- 10 Antara berikut, yang manakah benar mengenai fotosintesis?
Which of the following statements are true about photosynthesis?

- I Fotosintesis berlaku dalam kloroplas.
Photosynthesis occurs in chloroplasts.
 - II Fotosintesis merupakan proses yang menyerap tenaga.
Photosynthesis is a process that absorbs energy.
 - III Fotosintesis berlaku dalam semua sel tumbuhan yang hidup.
Photosynthesis occurs in all living plant cells.
 - IV Fotosintesis membebaskan karbon dioksida.
Photosynthesis releases carbon dioxide.
- A I dan II C I dan III
B II dan III D I dan IV

- 11 Apakah yang mungkin berlaku sekiranya kegiatan pembalakan diteruskan di suatu kawasan?
What might happen if logging activities continue in an area?
- A Suhu persekitaran menurun
The surrounding temperature decreases
 - B Suhu persekitaran meningkat
The surrounding temperature rises
 - C Kandungan karbon dioksida dalam atmosfera menurun
The carbon dioxide content in the atmosphere decreases
 - D Kandungan oksigen dalam atmosfera meningkat
The content of oxygen in the atmosphere increases