SOALAN STRUKTUR:

1. Diagram 1 shows an animal cell.Label the diagram.
   Rajah menunjukkan sel haiwan. Labelkan rajah tersebut.

[10 marks]

2. Diagram 2 shows structures in a plant cell.Label the structures.
   Rajah menunjukkan struktur dalam sel tumbuhan. Labelkan struktur tersebut.

[10 marks]

LIVEWORKSHEETS

3.

Match the cell component with their own function.
Padankan komponen sel dibawah dengan fungsinya.

1. Membrane cell *Membran sel*	**A**		• Eliminate worn out mitochondria and orher damaged orhanelles *Menyingkirkan mitokondria dan organel lain yang rosak*
2. Cell wall *Dinding sel*	**B**		• Transport protein *Mengangkut protein*
3. Cytoplasm Sitoplasma	**C**		• Processing, packaging and transporting centre of carbohydrate. *Pusat memproses, membungkus dan mengangkut bahan seperti karbohidrat*
4. Nucleus *Nukleus*	**D**		• Involved in cellular respiration that releases energy *Terlibat dalam proses respirasi sel yang membebaskan tenaga*
5. Vacuole *Vakuol*	**E**		• Sintesis protein seperti enzim *Synthesis protein such as enzymes*
6. Mitochondrion *Mitokondrion*	**F**		• Mengawal segala aktiviti sel *Controls all the cell activities*
7. Ribosomes *Ribosom*	**G**		• Medium bagi tindak balas biokimia dalam sel *Acts as a medium for biochemical reactions in the cell*
8. Rough Endoplasmmic reticulum *Jalinan endoplasma kasar*	**H**		• Form spindle fibres during cell division in animal cell. *Membentuk gentian gelendong semasa pembahagian sel dalam sel haiwan*
9. Smooth endoplasmic reticulum *Jalinan endoplasma licin*	**I**		• Involved in photosynthesis *Terlibat dalam proses fotosintesis*
10. Golgi apparatus *Jasad golgi*	**J**		• Forms a boundry which separates the contain of a cell from the outer environment. *Membentuk sempadan luar yang memisahkan kandungan sel dengan persekitaran luar.*
11. Lysosomes *Lisosom*	**K**		• Give shape to a plant and provide mechanical support. *Memberikan bentuk tetap pada sel, sokongan dan perlindungan*
12. Centrioles *Sentriol*	**L**		• Acts as a storage place *Tempat simpanan sel*
13. Chloroplasts *Kloroplas*	**M**		• Site of important metabolic reaction such as synthesis of lipids *Tapak bagi tindak balas metabolism yang penting seperti sintesis lipid*

LIVEWORKSHEETS