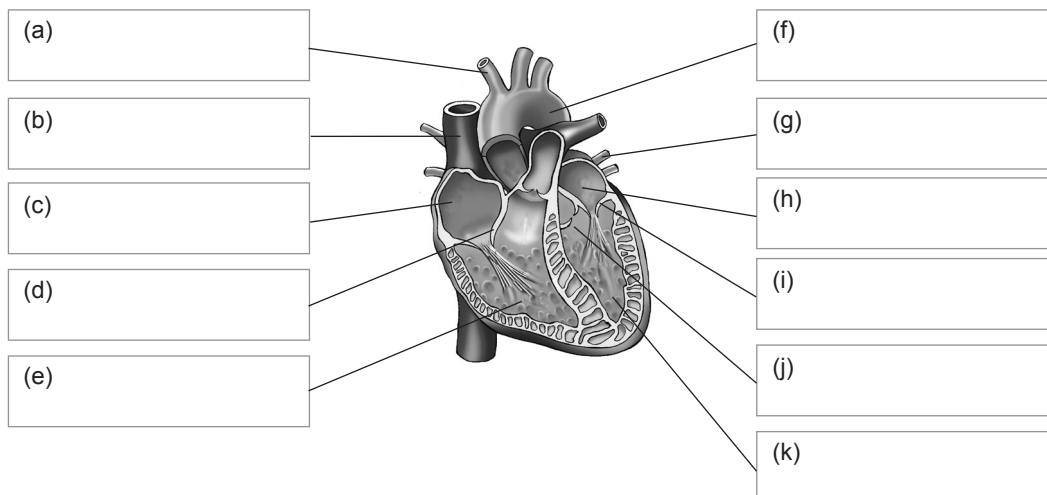




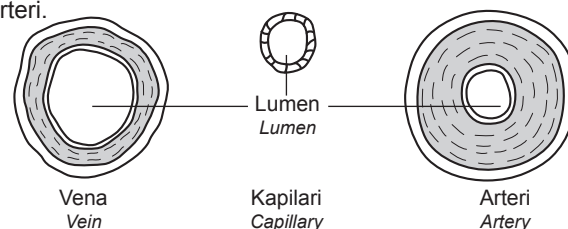
Praktis Pengukuhan

Bab 3

1. Labelkan struktur jantung manusia.
Label the structure of the human heart.



2. Rajah di sebelah menunjukkan keratan rentas vena, kapilari dan arteri.
The diagram besides shows the cross-sections of a vein, capillary and artery.



Lengkapkan jadual di bawah.
Complete the table below.

Jenis salur darah <i>Type of blood vessel</i>	Ciri-ciri <i>Characteristics</i>		
	Ketebalan dinding <i>Thickness of wall</i>	Saiz lumen <i>Size of lumen</i>	Kehadiran injap <i>Presence of valves</i>
Vena <i>Vein</i>			
Kapilari <i>Capillary</i>			
Arteri <i>Artery</i>			

3. Padankan salur-salur darah berikut dengan fungsinya.
Match the following blood vessels with their functions.

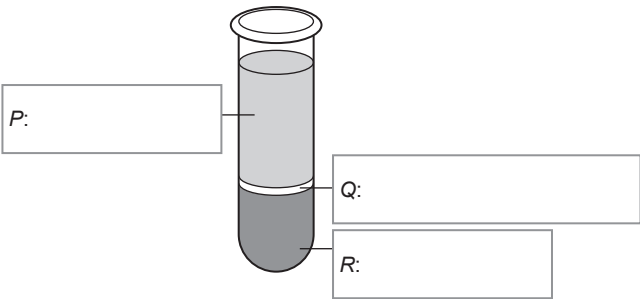
(a) Kapilari <i>Capillary</i>	•	• Mengangkut darah ke dalam jantung <i>Transports blood into the heart</i>
(b) Vena <i>Vein</i>	•	• Mengangkut darah keluar dari jantung <i>Transports blood out from the heart</i>
(c) Arteri <i>Artery</i>	•	• Menghubungkan arteri dengan vena <i>Connects the arteries to the veins</i>

4. Sistem peredaran darah manusia terdiri daripada peredaran pulmonari dan peredaran sistemik. Terangkan peredaran pulmonari dan peredaran sistemik.
The human blood circulatory system consists of pulmonary circulation and systemic circulation. Explain the pulmonary circulation and systemic circulation.

Peredaran pulmonari mengangkut darah antara _____ dengan _____. Peredaran sistemik mengangkut darah antara _____ dengan _____.

Pulmonary circulation transports blood between the _____ and the _____. Systemic circulation transports blood between the _____ and _____.

5. Rajah di bawah menunjukkan darah yang telah diasingkan komponennya.
The diagram below shows blood of which its components have been separated.
 (a) Labelkan rajah di bawah. / *Label the diagram below.*



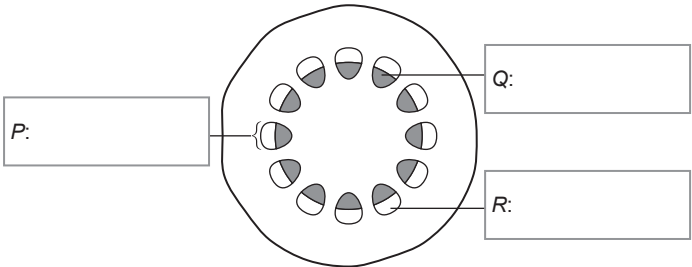
- (b) Komponen darah boleh diasingkan melalui kaedah _____.
The components of blood can be separated through _____ method.
6. Tandakan (✓) pada penderma dan penerima darah yang sepadan.
Mark (✓) on matching donor and recipient.

Penderma / Donor Penerima / Recipient	A	B	O	AB
A				
B				
O				
AB				

7. Lengkapkan jadual di bawah dengan menyatakan kadar transpirasi tumbuhan bagi setiap situasi.
Complete the table below by stating the rate of transpiration of the plant for each situation.

Situasi <i>Situation</i>	Kadar transpirasi (Tinggi atau Rendah) <i>Rate of transpiration (Low or high)</i>
(a) Berangin / <i>Windy</i>	
(b) Cuaca panas / <i>Hot weather</i>	
(c) Udara lembap / <i>Humid air</i>	
(d) Cahaya malap / <i>Dim light</i>	

8. Rajah di bawah menunjukkan keratan rentas batang tumbuhan dikotiledon.
The diagram below shows a cross-section of a dicotyledon stem.
 (a) Labelkan struktur P, Q dan R pada rajah. / *Label structure P, Q and R in the diagram.*



- (b) Nyatakan fungsi Q dan R.
State the function of Q and R.

Q : _____

R : _____

