

1.4 AKTIVITI PERBINCANGAN

Pengangkutan oksigen dalam badan manusia
Transport of oxygen in the human body

Mastari

Kaji rajah yang diberikan dan jawab soalan-soalan tentang pengangkutan oksigen dalam badan manusia.

Study the diagram given and answer the questions on the transport of oxygen in the human body.

The diagram illustrates the human respiratory system. On the left, a branching tree shows the bronchus, bronchioles, and alveoli. Labels include 'bronkus bronchus', 'bronkiol bronchiole', 'kapilari darah rib of capillaries', and 'alveolus'. An arrow points from the alveoli to a magnified cross-section on the right. This magnified view shows an alveolus with a central capillary bed. Labels P, Q, R, and S point to different parts: P points to the alveolar wall, Q points to the capillary wall, R points to the capillary lumen, and S points to the alveolar lumen.

P:

Q:

R:

S:

- 1 Pada rajah di atas, label struktur P, Q, R dan S menggunakan perkataan di bawah.
On the above diagram, label structures P, Q, R and S by using the words below.

Sel darah merah <i>Red blood cell</i>	Kapilari darah <i>Blood capillary</i>	Sel badan <i>Body cell</i>	Alveolus <i>Alveolus</i>
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- 2 Apakah gas X dan Y?
What is gases X and Y?

Gas X:

Gas Y:

- 3 Apakah proses yang terlibat dalam pergerakan gas melalui dinding alveolus dan kapilari darah?
What is the process involved in the movement of gases through the wall of the alveoli and blood capillaries?

- 4 Tuliskan 'Tinggi' atau 'Rendah' dalam petak yang disediakan untuk menunjukkan kepekatan oksigen dan karbon dioksida dalam alveolus dan dalam kapilari darah semasa tarikan dan hembusan nafas.
Write 'High' or 'Low' in the boxes provided to show the concentration of oxygen and carbon dioxide in the alveolus and blood capillary during inhalation and exhalation.

