

## Transport and Respiration past paper questions

**Pulse rate and what affects it** - s09 qp 6 page 5, 6 / w10 qp 31 page 7

**Coronary heart disease** - w05 qp 3 page 7

**Veins, arteries and capillaries** - w09 qp 31 page 10, 11 / w05 qp3 page 7 / s10 qp 61 page 2

**Blood components** - s05 qp 1 question 19 / s08 qp 1 question 16

**Tissue rejection** - s07 qp 3 page 3

**Lymphocytes and phagocytes** - s07 qp 3 page 2 / s12 qp 31 page 12 / w12 qp 31 page 8

**Lymphatic system** - w10 qp 31 page 8, 10 / w04 qp 3 page 7

**Blood clotting** - s12 qp 31 page 4 / s09 qp 31 page 7

**Respiration** - w10 qp 31 page 6 / w12 qp 31 page 10 / s05 qp 3 page 8

**Uses of energy** - s11 qp 33 page 4

**Oxygen debt** - w08 qp 31 page 15

**Gas exchange surfaces** - w07 qp 3 page 11

**Mucus and cilia** - w12 qp 31 page 11 / s05 qp 3 page 9

**Yeast** - w12 qp 61 page 2 / s03 qp 1 question 21

You should also know..

- the differences in composition between inspired and expired air
- lime water test
- role of anaerobic respiration in yeast during brewing and bread making
- word and symbol equations for aerobic and anaerobic respiration (with yeast and with humans)
- the differences between aerobic and anaerobic respiration in terms of relative amounts of energy released
- the functions of the blood (red blood cells, white blood cells, platelets and plasma)
- main blood vessels to and from the heart, lungs, liver and kidney
- pressure changes in double circulation (w03 qp 2 page 10)