Exam questions

V	۱uľ	tiple-choice questions		(d) Which of the following best describes the effects of exercise on blood flow?
۱.	(a)	Which of the following best describe the function of the circulatory system?	n	A Blood shunted to working muscles, stroke volume increases, heart rate remains constant, cardiac output increases
		A Protects the body by transporting white blood cells to the site of infection, helps with breathing, is an indicator of fitness		B Heart beats harder, blood shunted to working muscles, stroke volume increases, blood changes colour
		B Transports blood around the body, helps control body temperature, protects the body by transporting white blood cells to the site of infection		C Blood shunted to working muscles, cardiac output decreases, heart rate increases, plasmo is reduced
		C Helps control body temperature, works via the central nervous system, is an indicator of fitness, controls movement	,	D Heart rate increases, heart beats harder, blood shunted to working muscles, cardiac output increases
		D Shunts blood to working muscles, helps with		(1)
		breathing, controls the intake of oxygen	(1)	Short-answer questions
	(b)	Which of the following best describes veins?		2. What is the term that describes the amount of blood
		A Work at lower pressure than other blood vessels, have semi-permeable walls		ejected from the heart in one minute? (1)
		B Have valves, work under high pressure, transport oxygenated blood		3. Blood is the transportation system of the body. Which type of blood cell is responsible for carrying oxygen around the body?
	\bigcap	C Have thin walls, have valves, work at lower		(1)
		pressure than other blood vessels, transport deoxygenated blood		Longer-answer questions
		D Transport deoxygenated blood, divide into arterioles, have walls one cell thick	1)	4. What are the immediate effects of exercise on the circulatory system? (4)
	la\			(4)
		Which of the following best describe the pulmonary circuit?		5. What are the effects of regular exercise and training on the circulatory system?
		A Heart – pulmonary arteries – lungs – pulmonary vein – heart		(3)6. What are the long-term benefits of exercise on the
		B Heart – aorta – lungs – pulmonary vein – hear		circulatory system? (3)
		C Heart – pulmonary arteries – capillaries – lungs – pulmonary vein – heart		
		D Heart – pulmonary arteries – lungs – vena		