**1.** What is a role of the pacemaker or sinoatrial node (SAN)?

A. To initiate contraction of the ventricle

B. To pass the excitation through Purkinje fibres

C. To originate excitation in myogenic muscle

D. To cause the relaxation of the atria

(Total 1 mark)

**2.** Explain the role of the SA (sinoatrial) node in the cardiac cycle.

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(Total 6 marks)

**3. (b)** Explain the events of the cardiac cycle including systole, diastole and heart sounds.

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(6)

(Total 6 marks)