

## Question 11 (12 marks) 6 minutes

A 61 year old man presents post VF arrest. He received 1 DCR prehospital. No medications have been given prehospital. His observations on arrival: BP 130/60 mmHg RR24 /min Temp 36.5°C GC 15

**An ECG is taken- refer to the props booklet- page.**

i) State three (3) abnormal findings shown in this ECG. (3 marks)

- STE 2mm aVR, 1 mm aVL
- STD II, III, aVF, V2-V5
- Non specific IVCD- (Not RBBB, not LBBB)
- 1st degree HB - PR ~ 210
- Borderline LAD

ii) List four (4) possible explanations for these ECG findings. (4 marks)

- LMCA occlusion
- Proximal LAD occlusion
- Severe TVD
- Diffuse subendocardial ischaemia

ii) State your preferred definitive treatment for this patient. (2 marks)

- Urgent
- PCI

iv) Provide three (3) statements of justification for this choice. (3 marks)

- Meets ECG indication for immediate acute reperfusion
- Evidence supports early PCI in post VF arrest
- Time critical
- High mortality if not Rx