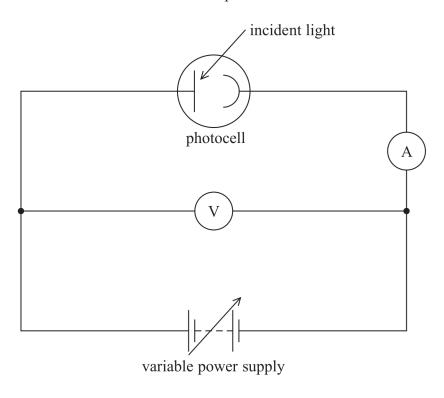
14 Photocells make use of the photoelectric effect. The following circuit can be used to determine the work function of a metal used in a photocell.



(a) State what is meant by the work function of a metal.



(b) This photocell works with ultraviolet light but does not work with visible light.

Explain why.



(Total for Question 14 = 10 marks)