

## **ZOO 401 Resit (2009/2010 Session)**

- (5) (a) Define and give the basic phases of embryonic development (3 marks)
- (b) Using diagrammatic presentations, briefly describe the process of fertilization (4 marks)
- (c) Describe acrosomal and cortical reactions during fertilization process in sea urchins (4 marks)
- (d) Describe the process of cleavage in amphibians (4 marks)
- (e) Briefly describe the development of the ectodermal organs in human embryonic development (4 marks)
- (f) State how genetics influences morphogenesis in animals (2 marks)

DO NOT COPY