

PAPER II

Answer **three** questions only.

- 1a. (i) List **three** biotic components of an ecosystem. (3 marks)
 (ii) Name **three** mouth parts of a cockroach. (3 marks)
- b. (i) Describe the process of urine formation in man. (8 marks)
 (ii) Name **two** bones in the middle ear of a man. (2 marks)
 (iii) In a tabular form state **two** differences between photosynthesis and respiration. (4 marks)
- 2a. (i) Mention **four** adaptive features of birds to flight. (4 marks)
 (ii) Describe the process of pollination in a flower. (5 marks)
- b. (i) State **three** features that help toad to adapt to an insectivorous life. (3 marks)
 (ii) In a tabular form, give **four** differences between arteries and veins. (8 marks)
- 3a. (i) Name **four** tropic movements in plants. (4 marks)
 (ii) State **two** effects of soil erosion on the environment. (2 marks)
- b. (i) Use the following organisms to construct a food chain: (4 marks)
 hawk, grass, lizard and grasshopper.
 (ii) Draw a well labelled diagram (8-10 cm long) of the male reproductive system of human. (8 marks)
 (iii) Name **two** by-products of photosynthesis. (2 mark)
- 4a. (i) List **three** types of bones in the forelimb of a man. (3 marks)
 (ii) With the aid of a diagram, describe the process of transpiration in a leaf. (8 marks)

Solution For Biology Obj And Essay 2014

Gábor Hofer-Szabó, Leszek Wroński



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