Section A (28 x 2 marks = 56 marks)

For each. question from 1 to 28, four options are given. One of them is the correct answer.  
Make your choice (1, 2, 3.0r4) and shade-your answer on the Optical Answer Sheet provided.

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1. The two graphs below show how the light intensity and the depth of the pond affect the  
rate of photosynthesis of the submerged water plants.

cry  
Light intensity

ns  
Depth of pond

Based on the graphs above, which one of the following statements is correct?

(1) The tight intensity aoes not affect ihe rate of photosynthesis.  
  
(2) The rate of photosynthesis increases as the light intensity increases.  
(3) The rate of photosynthesis does not depend on the deptfof the pond.  
(4) The fower the depth of the pond, the higher the rate of photosynthesis.

2, Which one of the following is not a fossil fuel? -  
(1) coat |  
@) charcoal | . oe  
(3) petroleum |  
(4) \_ natural gas |

2