

**OXFORD CAMBRIDGE AND RSA EXAMINATIONS
GCSE**

A162/02

**TWENTY FIRST CENTURY SCIENCE
BIOLOGY A**

Modules B4 B5 B6 (Higher Tier)

INSERT for questions 1, 4 and 5

MONDAY 14 JANUARY 2013: Morning

MODIFIED ENLARGED 18pt

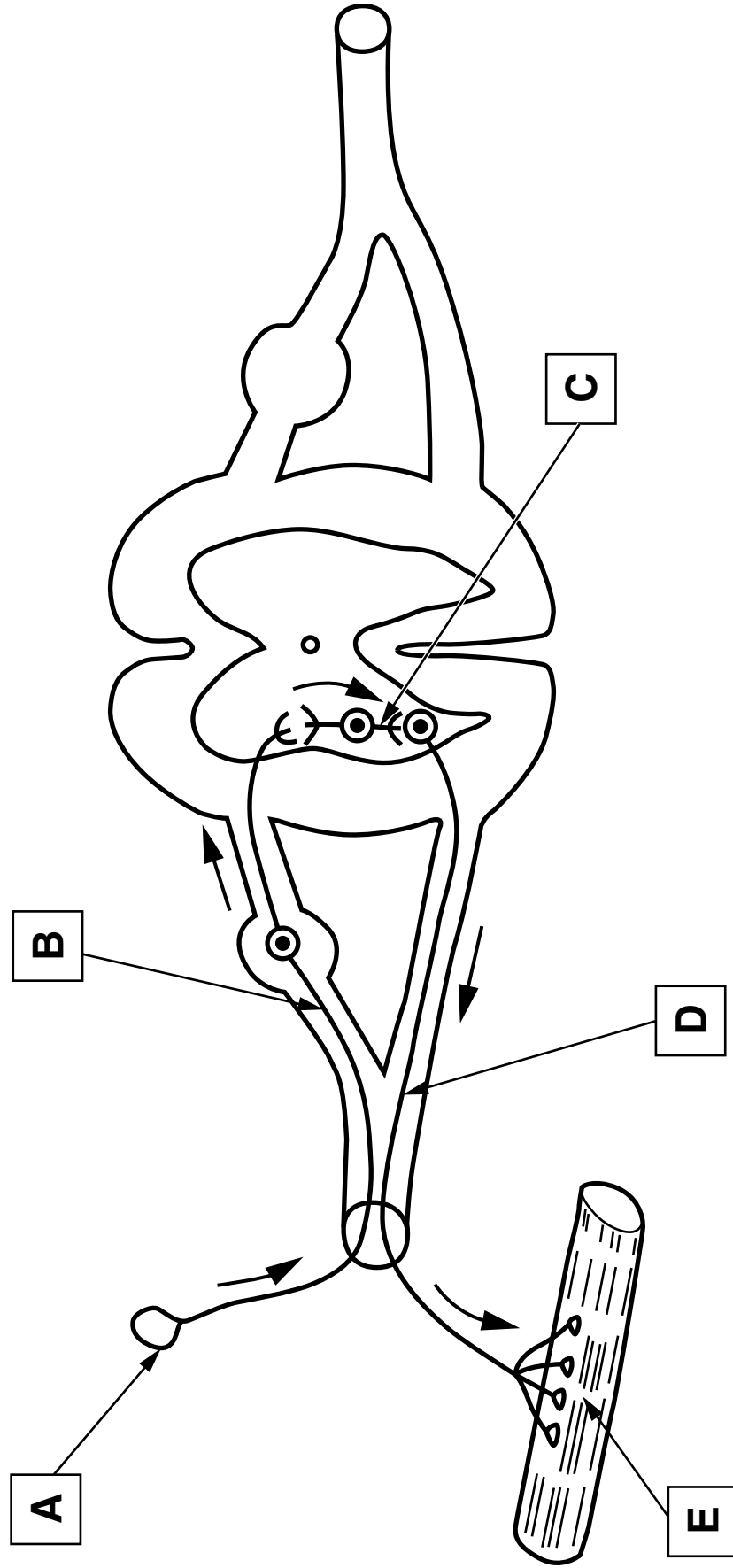
Insert A : Question 1

TABLE 1

LIGHT INTENSITY	NUMBER OF BUBBLES PRODUCED PER MINUTE										MEAN
	8	7	5	9	6	10	7	8	6	6	
low	8	7	5	9	6	10	7	8	6	6	7.2
high	10	11	9	13	15	8	11	10	9	12	10.8

Insert B : Question 4

Diagram of a spinal reflex arc



Insert C : Question 5

Table of results

RESULTS RECORDED	PEOPLE IN THE QUIET ROOM	PEOPLE IN THE NOISY ROOM	PEOPLE IN THE VERY NOISY ROOM
all 10 numbers correctly recalled and in the correct order	4	2	1
all 10 numbers correctly recalled but a few in the incorrect order	2	3	2
5 or fewer numbers correctly recalled and in the correct order	3	3	3
5 or fewer numbers correctly recalled but a few in the incorrect order	1	2	4

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