



**AS
ENVIRONMENTAL SCIENCE**

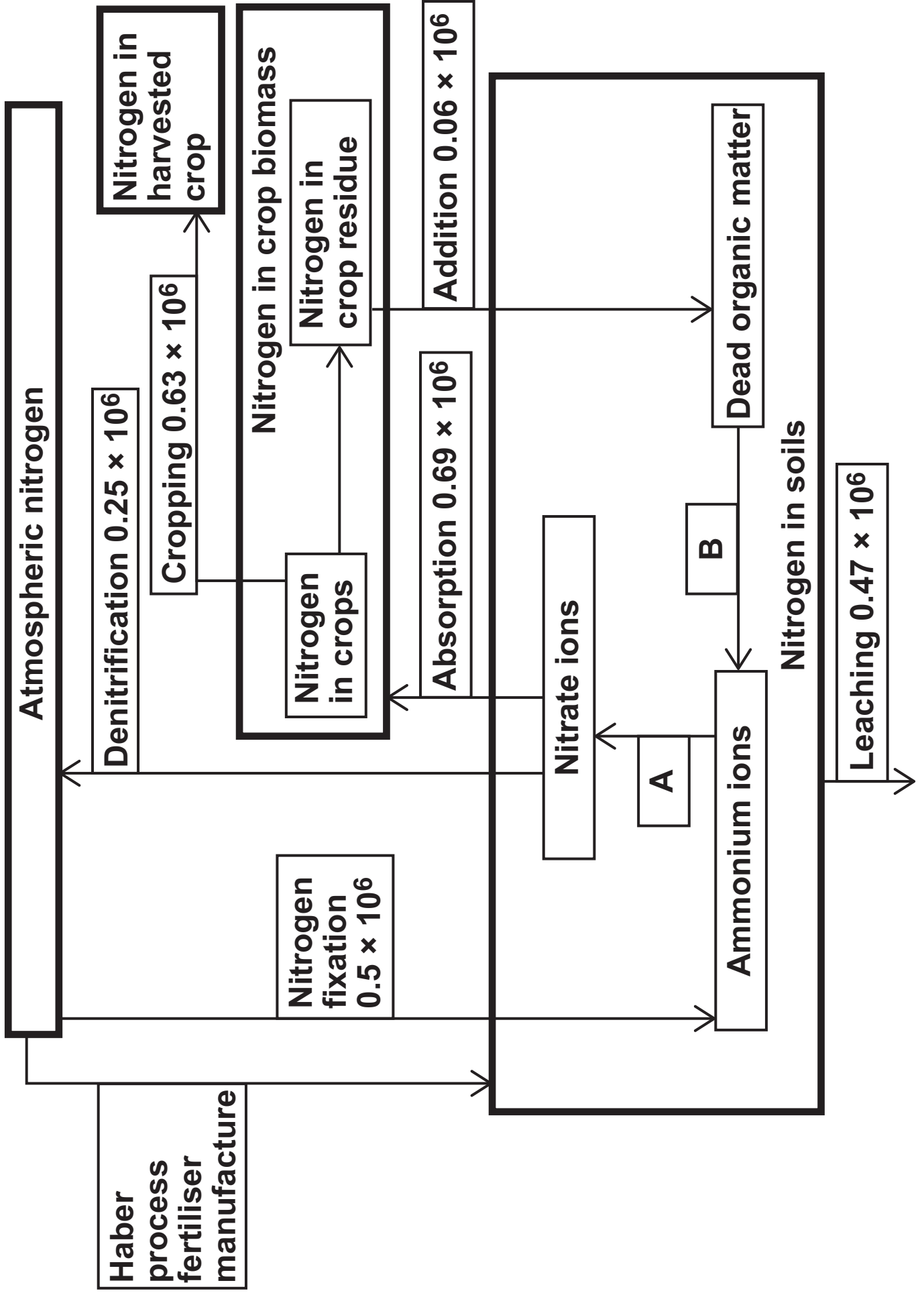
Paper 1

7446

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FIGURE 1 – For use with Question 1



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Named reservoir

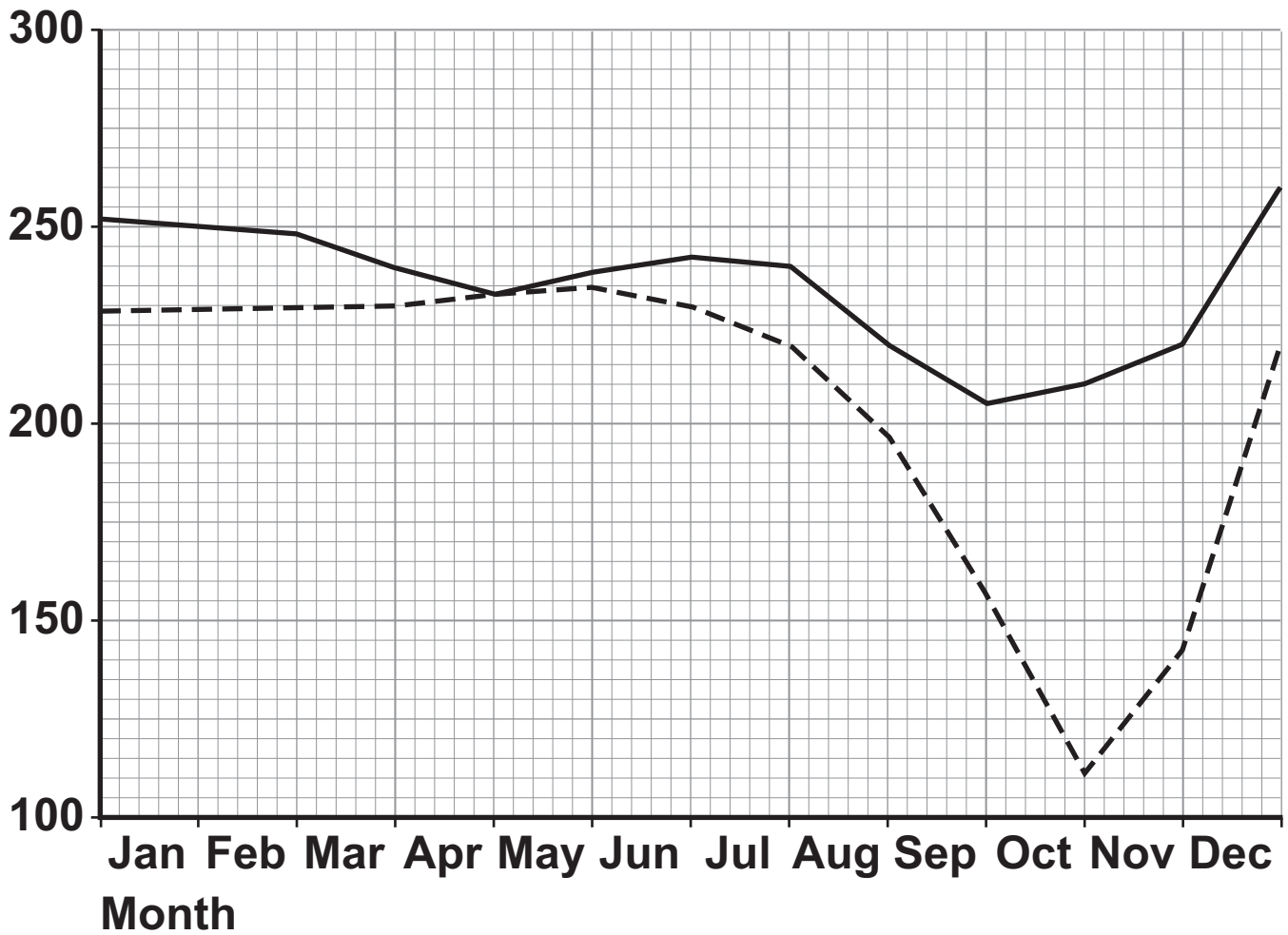
Named process

Values relate to annual movement of nitrogen / t yr⁻¹

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FIGURE 8 – For use with Question 7

Ozone concentration / Dobson units (DU)

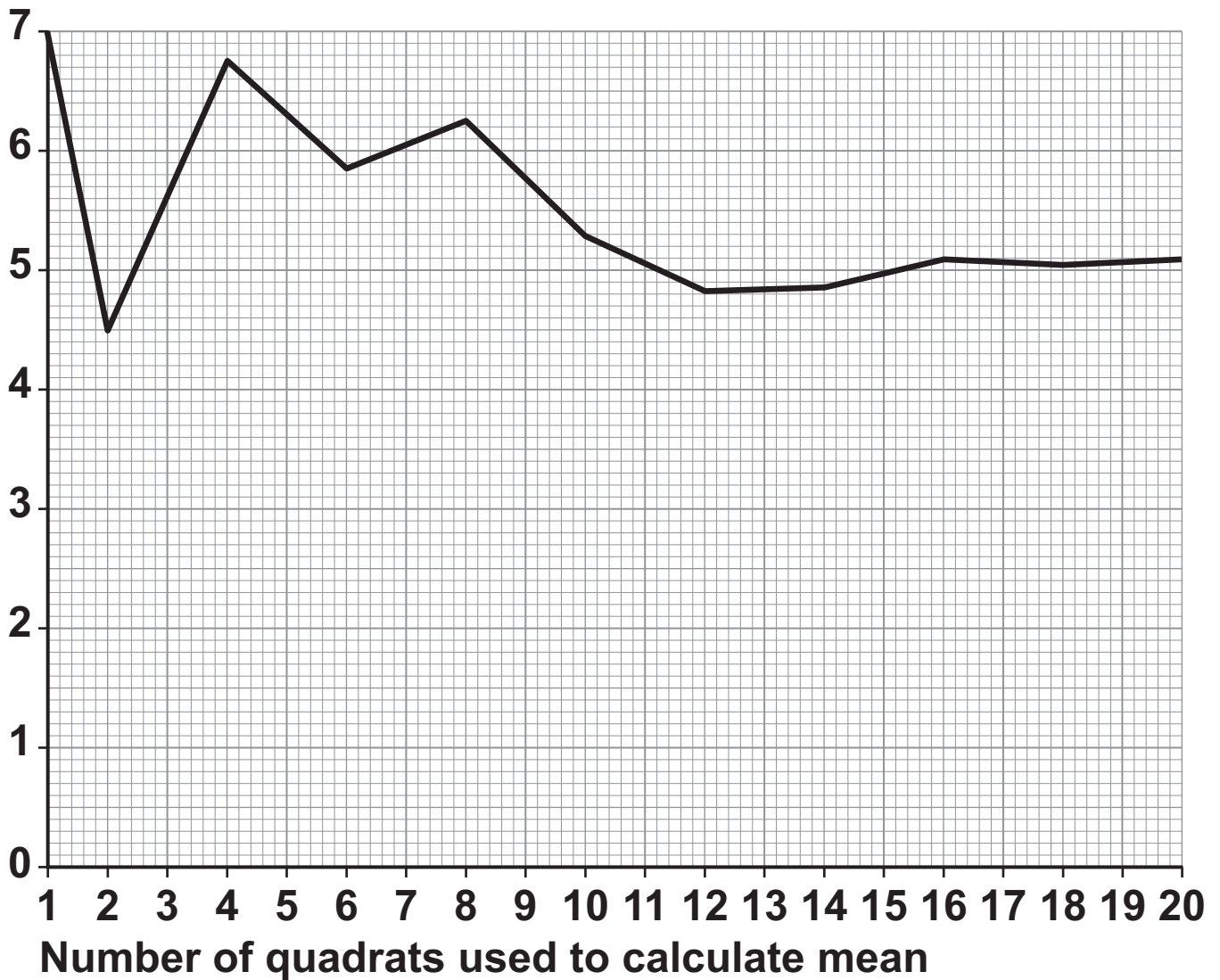


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FIGURE 11 – For use with Question 9

**Mean number of
individuals counted
in 1 m² quadrat**



[Turn over]

TABLE 9

Farm	R factor
Rosewood	110
High Valley	90
Fairview	120

TABLE 10

Farm	Texture	K Factor
Rosewood	Loamy sand	0.04
High Valley	Sandy clay loam	0.20
Fairview	Silty clay loam	0.32

TABLE 11

Farm	Slope	Slope %	L × S factor
Rosewood	125 m	10	2.7
High Valley	250 m	10	3.9
Fairview	1000 m	1	0.4

TABLE 12

Farm	Crop management	C factor
Rosewood	Permanent grassland	0.02
High Valley	Wheat	0.35
Fairview	Corn	0.40

TABLE 13

Farm	Erosion prevention	P factor
Rosewood	No ploughing	0.25
High Valley	Contour ploughing	0.50
Fairview	Ploughing up and down slope	1.00

END OF FIGURES

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