

EXTENDED MATCHING QUESTIONS**73 PHARMACODYNAMICS**

A	Omeprazole	F	Atenolol
B	Clopidogrel	G	Dobutamine
C	Morphine	H	Warfarin
D	Glucagon	I	Magnesium trisilicate
E	Fluoxetine	J	Insulin

Select the drug that causes the pharmacodynamic effect described below:

- 1 Prolongation of prothrombin time
- 2 Reduction in blood glucose
- 3 Reduction in exercise-induced increase in heart rate
- 4 Pupil constriction
- 5 Inhibition of gastric acid secretion

74 PHARMACOKINETICS

A	Prednisolone	F	Metoprolol
B	Amiodarone	G	Simvastatin
C	Carbamazepine	H	Paracetamol
D	Lithium	I	Gentamicin
E	Enalapril	J	Bendroflumethiazide

Choose the drug from the list above which is a good example for the pharmacokinetic characteristics listed below:

- 1 Absorption into the systemic circulation following oral administration is minimal
- 2 The mean elimination half-life is greater than 28 days in someone with normal hepatic and renal function
- 3 Is a prodrug which is hydrolysed to its active metabolite
- 4 Induces its own metabolism such that plasma concentrations may reduce significantly on repeated dosing
- 5 Undergoes active tubular reabsorption