

Medicinal Chemistry - IV (2015 pattern)

Item Text	Option Text 1	Option Text 2	Option Text 3	Option Text 4
H1-antihistamines act as	Partial agonist	Inverse agonist	Competitive agonist	Reverse agonist
The drug useful for treatment of Zollinger-Ellison syndrome is	Fexofenadine	Promethazine	Omeprazole	Cetirizine
Which of these is a proton pump inhibitor	Clemastine	Omeprazole	Cetirizine	Promethazine
Parietal cells contain an -	H ⁺ ,K ⁺ -ATPase pump	Na ⁺ /K ⁺ pump	Na ⁺ /Cl ⁻ pump	Na ⁺ /Ca ²⁺ pump
Histamine is a mediator of which of the following	Carcinoid syndrome	Variant angina	Allergy	Hyperlipidemia
There are two methods by which the duration of action of insulin may be prolonged P) Binding with resins Q) Esterification of amino acid residues R) Forming of complex of insulin with protein S) Modification of particle size	Q,S	<u>P,S</u>	P,R	Q,P
In antihyperlipidemics, in an ion-dipole bond, the Lys692 binds with the second oxygen of this	Carboxylate group	Hydroxyl group	Ether group	Hydroxyl group
Insulin is a	Vitamin	lipid	hormone	enzyme
Metformin acts by two mechanisms: P) increasing insulin secretion, Q) Inhibiting glucosidase R) decreasing hepatic glucose production s)increasing insulin action in muscle and fat	P,Q	R,S	P,R	Q,S
Type 2 diabetes is diagnosed when fasting plasma glucose levels exceed which value?	5 mmol/L-1) 6 mmol/L-1	7 mmol/L-1	8 mmol/L-1
....is contraindicated in epilepsy and pregnancy	Oxyphenbutazone	Paracetamol	Ibuprofen	Indomethacin
Metabolic product of acetanilide is	Phenacetin	Paracetamol	O- amino benzoic acid	Aniline
All prostaglandins contain..	Cyclohexane ring	Cyclopropyl ring	Cyclopentane ring	Cyclobutane ring
Indomethacine is a selective inhibitor of	COX-I	COX-II	Lipoxygenase	Thromboxane

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which one of the following is aryl acetic acid derivative with pyrrole	Tolmetin	Sulindac	Antipyrine	Phenylbutazone
Half life $t_{1/2}$ of Gallium(^{67}Ga) is	80.2 hours	67.5 hours	78.2 hours	76.2 hours
Barium sulphate has the ability to coat the bowel due its	efficacy	density	perfusion	Volume
Barium suspension ranges from % at volume	35 - 125 %	30 - 120%	30 - 140 %	25 - 115 %
Which is not Low-osmolality agents.	Metrizamide	iopamidol	Iohexol	trypanoate sodium
Molecular mass of Rose bengal is	974	954	854	754