

Question	Option1	Option2	Option3	Option4	CorrectAns
Bactericidal effect is:	Inhibition of bacterial cell division	Inhibition of young bacterial cell growth	Destroying bacterial cell	Formation of bacterial L-form	3
What does the term antibiotic means?	Non-organic or synthetic substances that selectively kill or inhibit the growth of other microorganisms	Substances produced by some microorganisms and their synthetic analogues that selectively kill or inhibit the growth of another microorganisms	Substances produced by some microorganisms and their synthetic analogues that inhibit the growth of organism cells	Synthetic analogues of natural substances that kill protozoa and helminths	2
Select the drug belonging to antibiotic class-carbapenem	Aztreonam	Amoxicillin	Imipenem	Clarithromycin	3
Mechanism of antibacterial action of penicillins is :	Inhibition of transpeptidation in the bacterial cell wall	Inhibition of beta-lactamase in the bacterial cell	Activation of endogenous proteases that destroy bacterial cell wall	Activation of endogenous phospholipases which leads to alteration of cell membrane permeability.	1
Select the drug belonging to antibiotic class-aminoglycoside	Erythromycin	Gentamicin	Vancomycin	Polymyxin	2
Chloramphenicol has the following side effects:	Nephrotoxicity	Pancytopenia	Hepatotoxicity	Ototoxicity	2
Combination of sulphonamides with trimethoprim_____	Decreases the unwanted effects of sulphonamides	Increases the antimicrobial activity	Decreases the antimicrobial activity	Increase the elimination of sulphonamides	2
Select the antimycobacterial drug which is hydrazide of isonicotinic	Rifampin	Isoniazid	Ethambutol	Pyrazinamide	2
Indications of thyroid hormone are following EXCEPT:	Cretinism	Myxoedema	Hashimoto's disease	For treatment of simple obesity	4

Currently used antithyroid drugs include the following EXCEPT:	Propylthiouracil	Carbimazole	Methimazole	Potassium perchlorate	4
Insulin is:	A glycoprotein with molecular weight of 6000.	A small protein with a molecular weight of 5808 having disulphide linkage	A fructooligosaccharide	A catecholamine	2
Which of the following is the currently used alpha-glucosidase inhibitors EXCEPT:	Pioglitazone	Acarbose	Miglitol	Voglibose	3
Pernicious anemia is developed due to deficiency of:	Erythropoietin	Vitamin B12	Iron	Vitamin B6	2
Which of the following drug belongs to anticoagulant of direct action?	Aspirin	Heparin	Dicumarol	Phenprocoumon	2
Fibrinolytic agents are used for the following EXCEPT:	Central deep venous thrombosis	Multiple pulmonary emboli	Heart failure	Acute myocardial infarction	3
All of the following statements about oral contraceptives are true EXCEPT:	The "Combination pill" contains both estrogen and progestin.	Ethinyl estradiol and mestranol are commonly used in oral contraceptives.	The "minipill" contains progestin alone.	The "triphasic pill" contains estrogen, progestin and luteinizing hormone (LH)	4
Which of the following glucocorticoids is a long-acting	Prednisolone	Dexamethasone	Triamcinolone	Cortisol	2
Mechanism of action of Sirolimus (rapamycin) is:	Anti-idiotypic antibodies against autoantibodies	Modulation of CD3 receptor from the cell surface	Inhibits calcineurin	ADCC towards T lymphocytes	3
Which of the following drug is used for candidiasis treatment?	Griseofulvin	Nitrofungin	Miconazole	Streptomycin	3
Select the drug used for amoebiasis treatment.	Nitrofurantoin	Iodoquinol	Pyrazinamide	Mefloquine	2
Select the antimalarial drug that act on tissue schizonts.	Mefloquine	Chloroquine	Quinidine	Primaquine	4

Select mebendazole mechanism of action.	Inhibiting oxidative phosphorylation	Increasing cell membrane permeability of calcium resulting in paralysis, dislodgement and death of helminthes.	Inhibiting microtubule synthesis in helminthes and irreversible impairment of glucose uptake.	Blocking acetylcholine transmission at the myoneural junction and paralysis of helminthes.	3
Select the drug that inhibits viral DNA synthesis	Interferon	Saquinavir	Amantadine	Acyclovir	4
Enzyme used for acute leukemia treatment is:	Dihydrofolate reductase	Asparaginase	Aromatase	DNA gyrase	1
Drugs used for post-coital contraception are:	Mifepristone	Levonorgestrel	Levonorgestrel+ethinyl estradiol	Desogestrel	2