

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
General principles of anti-infective therapy are:	Clinical judgement of microbiological factors	Definitive identification of a bacterial infection and the microorganisms susceptibility	Optimal route of administration, dose, dosing frequency and duration of treatment	All of the above	4
Select the drug belonging to antibiotic class-carbapenem	Aztreonam	Amoxicillin	Imipenem	Clarithromycin	3
Mechanism of penicillins antibacterial action 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 acid	Rifampin	Isoniazid	Ethambutol	Pyrazinamide	2
Action of the parathyroid hormone is:	Increased calcium and phosphate absorption in intestine	Decreased calcium excretion and increased phosphate excretion in kidneys	In bone, calcium and phosphate resorption increased by high doses. Low doses may increase bone formation.	All of the above	4
Thyroid stimulating hormone regulates the following:	Iodine uptake	Biosynthesis of iodothyroglobulin	Release of thyroid hormone into the plasma	All of the above	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
Currently used alpha-glucosidase inhibitors include EXCEPT:	Pioglitazone	Acarbose	Miglitol	All of the above	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 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 drug?	Prednisolone	Dexamethasone	Triamcinolone	All of the above	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 drugs 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 drug used for acute leukemia treatment	Dihydrofolate reductase	Asparaginase	Aromatase	DNA gyrase	1
Drugs used for post-coital contraception are:	Mifepristone	Levonorgestrel	Levonorgestrel+ethinyl estradiol	All of the above	2