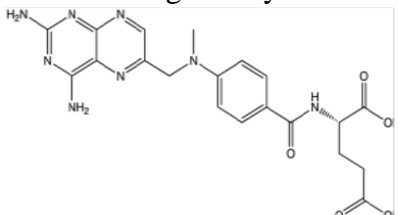


**PSPS'S INDIRA INSTITUTE OF PHARMACY, SADAVALI**

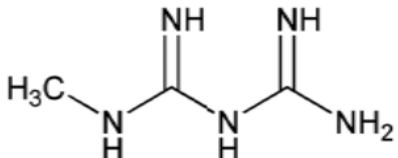
Fourth Year B. Pharm. Sem- VII

**Subject: Pharmaceutical Chemistry III (CBGS)**

**SAMPLE MCQS FOR PRACTICE**

SR. NO	QUESTIONS
1.	Which of the following neoplastic diseases is almost curable by chemotherapy: A. Bronchogenic carcinoma B. Choriocarcinoma C. Malignant melanoma D. Colorectal carcinoma
2	The antiarrhythmic drug quinidine is A. (+) stereoisomer of quinine B. (-) stereoisomer of quinine C. (+) racemic mixture of quinine D. (-) racemic mixture of quinine
3	The following anticancer drug has high emetogenic potential: A. Vincristine B. Chlorambucil C. 6-Mercaptopurine D. Cisplatin
4	Angiotensin III is equipotent to angiotensin II in: A. Releasing aldosterone from adrenal cortex B. Promoting Na <sup>+</sup> and water reabsorption by direct intrarenal action C. Causing vasoconstriction D. Contracting intestinal smooth muscle
5	The following angiotensin converting enzyme inhibitor can reduce cardiac contractility: A. Captopril B. Enalapril C. Perindopril D. Lisinopril
6	2-bis-(2chloroethyl) aminoperhydro1,3,2oxazaphosphorine is an- A. Antimetabolite B. Alkylating agent C. Anti tubercular agent D. Anti-arrhythmic agent
7	The starting material for clonidine synthesis is _____ A. 2,6-Dichloroaniline + Ammonium thiocyanate B. 2,5-Dichloroaniline + Ammonium thiocyanate C. 2,4-Dichloroaniline + Ammonium thiocyanate D. 3,4-Dichloroaniline + Ammonium thiocyna
8	The basic ring moiety of following structure is  A. 2,4 diaminopteridine B. 1,3,2-oxazaphosphinan C. Imidazole D. 1,4-benzodiazepin- 2-imine

9	The p-nitrobenzoic acid is the convenient starting material for the synthesis of: A. Procaine B. Xylocaine C. Piperacaine D. Etidocaine
10	Antiviral action of purine analogues is primarily related to the followings. A. Inhibition of RNA synthesis B. Inhibition of DNA polymerase C. Immunomodulation D. Inhibition of viral penetration
11	Insulin causes decrease in the circulating concentration of all amino acids except A. Phenylalanine B. Histidine C. Alanine D. Arginine
12	Following is nitroso-urea derivative? A. Cyclophosphamide B. Chlorambucil C. Mechlorethamine D. <u>Carmustine</u>
13	Which of the following is DNA Polymerase inhibitor: A. 6 MP B. 6 TG C. Azacitidine D. <u>Cytarabine</u>
14	The reactive DNA-destroying intermediate generated by all true mustards is: A. aziridinium ion B. aziridin C. azine D. aziridine
15	Correct path for cyclophosphamide metabolism is A. Carbinolamine – aldophosphamide- bis chloroethylamine – 3 <sup>0</sup> aziridine ion B. Carbinolamine – bis chloroethylamine – aldophosphamide - 3 <sup>0</sup> aziridine ion C. Aldophosphamide -, carbinolamine –bis chloroethylamine – 3 <sup>0</sup> aziridine ion D. Aldophosphamide -, carbinolamine — 3 <sup>0</sup> aziridine ion- bis chloroethylamine
16	Actinomycin D has following structure: A. <u>Actinocin+ p-benzoquinoneamine+ pentapeptide lactone</u> B. Aziridine + p-benzoquinoneamine+ pentapeptide lactone C. Actinocin+ p-amino acetilide + pentapeptide lactone D. Actinocin+ p-benzathiazine + pentapeptide lactone
17	Imatinib contains following chemical structure: A. 2-phenylaminopyrimidine pharmacophore, B. 2-phenylaminopiperidine pharmacophore C. 2-phenylaminopyridazine pharmacophore D. 2-phenylpiperazine pharmacophore
18	Nomenclature of Rimantadine: A. ( $\alpha$ -methyl-1-adamantane methylamine) B. ( $\alpha$ -ethyl-1-adamantane methylamine) C. ( $\alpha$ -methyl-1-adamantane ethylamine) D. (beta -methyl-1-adamantane methylamine)

19	<p>loop diuretic lacking sulphamoyl moiety is:</p> <p>A. Bumetanide B. Indapamide C. Ethacrynic acid D. Furosemide</p>
20	<p>The basic ring nucleus for the following drug molecule is:</p>  <p>A. Benzodiazepine B. Biguanide C. Pyrazine Ring D. Biphenyl ring</p>
21	<p>Thiazide diuretics cause following toxicity:</p> <p>A. Potassium toxicity B. Lithium toxicity C. Calcium toxicity D. Digoxin toxicity</p>
22	<p>Metformin have the following property except</p> <p>A. It activates GLUT-1 transport and increase glucose uptake B. It absorbs vitamin B-12 C. It causes lactic acidosis D. It activates GLUT-4 transport and contraindicates in pregnancy</p>
23	<p>Following drugs act as an arterials vasodilators except one</p> <p>A. Hydralazine B. Minoxidil C. Diazoxide D. Sodium nitroprusside</p>
24	<p>In thiazide diuretics electron withdrawing group must be at:</p> <p>A. Fifth position B. Sixth position C. Seventh position D. Eight position</p>
25	<p>What is the starting material of captopril?</p> <p>A. Acetoacetic acid B. Methacrylic acid C. Alanine D. Formic acid</p>