

ATAL BIHARI VAJPAYEE MEDICAL UNIVERSITY, LUCKNOW**MBBS DEGREE - IInd PROFESSIONAL - REGULAR EXAMINATION - MARCH 2024****PHARMACOLOGY - PAPER - II****SECTION A - Multiple Choice Questions (MCQs)**

PAPER CODE : 2412130005

SET : B

Note: Choose one correct answer in the OMR sheet provided. No overwriting should be done.

Time: 20 Minutes

(20 x 1 = 20 MARKS)

1. Find the drug which has been associated with aplastic anaemia as a deadly adverse effect:
 - a) Ampicillin
 - b) Tetracycline
 - c) Chloramphenicol
 - d) Chloroquine
2. Which of the following drug is used mainly to lower postprandial blood glucose levels?
 - a) Acarbose
 - b) Sitagliptin
 - c) Sulfonylurea
 - d) Repaglinide
3. All of the following drugs act on nucleic acids except:
 - a) Linezolid
 - b) Fluoroquinolones
 - c) Nalidixic acid
 - d) Rifampicin
4. Which is an oral factor Xa inhibitor?
 - a) Dabigatran
 - b) Rivaroxaban
 - c) Fondaparinux
 - d) Argatroban
5. Which one of the following compounds kills bacteria by damaging the cell wall of bacteria?
 - a) Rifampicin
 - b) Cefixime
 - c) Gentamicin
 - d) Chloramphenicol

6. Which anti-tubercular drug can result in peripheral neuropathy due to deficiency of pyridoxine?
- Rifampicin
 - Isoniazid
 - Pyrazinamide
 - Ethambutol
7. Which antibiotic is primarily bacteriostatic but becomes bactericidal at higher concentrations?
- Tetracycline
 - Erythromycin
 - Ampicillin
 - Chloramphenicol
8. Drug of choice for precocious puberty in girls is:
- Danazol
 - GnRH analogue
 - Medroxyprogesterone acetate
 - Cyproterone acetate
9. Which of the following hypolipidemic drugs is most effective in raising HDL-cholesterol level and lowers serum triglycerides:
- Fenofibrate
 - Nicotinic acid
 - Pravastatin
 - Cholestyramine
10. Which one of the following anticancer drugs belongs to the alkylating agents subdivision of chemotherapeutic agents?
- Vincristine
 - Paclitaxel
 - Mercaptopurine
 - Procarbazine
11. Substitution of which amino acid in place of alanine would increase the absorbance of proteins at 280 nm?
- Arginine
 - Phenylalanine
 - Tryptophan
 - Leucine

12. A professional body builder on high protein diet went for routine health check-up. Which of these parameters is expected to be high in blood sample in this case?
- a) Serum uric acid
 - b) Serum bilirubin
 - c) Serum urea
 - d) Serum creatinine
13. An infant came to OPD with complaints of dark urine stained diaper which on exposure becomes darker. Probable diagnosis:
- a) Phenylalanine hydroxylase deficiency
 - b) Hepatic transaminase deficiency
 - c) Fumaryl acetoacetate hydrolase deficiency
 - d) Homogentisate oxidase deficiency
14. What is the mechanism of allopurinol in lowering serum uric acid levels?
- a) Non-competitive inhibition
 - b) Feedback inhibition
 - c) Allosteric inhibition
 - d) Suicidal inhibition
15. A 6-year-old presented to eye OPD with complaint of diminished vision in both eyes. Physical examination showed arachnodactyly, dislocation of lens and hyperextension of joints. Identify the disease and defective protein associated:
- a) Marfan's syndrome – Fibrillin I protein
 - b) Menke's syndrome – Lysyl oxidase
 - c) Osteogenesis imperfecta – Collagen type I
 - d) Ehler–Danlos syndrome – Lysyl oxidase
16. Red man syndrome is caused by which drug?
- a) Clindamycin
 - b) Linezolid
 - c) Teicoplanin
 - d) Vancomycin
17. Hypothyroidism is a possible consequence of prolonged therapy with:
- a) Mexiletine
 - b) Amiodarone
 - c) Procainamide
 - d) Sotalol

18. The following quinolone antimicrobial agent is not useful in systemic infections:
- a) Ofloxacin
 - b) Lomefloxacin
 - c) Pefloxacin
 - d) Nalidixic acid
19. Which of the following drugs is NOT a GpIIb/IIIa antagonist:
- a) Abciximab
 - b) Tirofiban
 - c) Prasugrel
 - d) Eptifibatide
20. Which of the following drug has dual action on HIV and hepatitis B virus?
- a) Emtricitabine
 - b) Enfuvirtide
 - c) Acyclovir
 - d) Abacavir

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