

B. Pharm. (CBCS Pattern) Semester-V
BP503T - Pharmacology-II

P. Pages : 3

Time : Three Hours



GUG/S/25/13183

Max. Marks : 75

Note : All questions are compulsory.

1. Multiple Choice Questions.

**20x1
=20**

- 1) At Rest kinetic energy is----- compared to blood pressure at normal cardiac output.
 - a) Very high
 - b) High
 - c) Negative
 - d) Negligible
- 2) Ethanol plus nitrate may produce.
 - a) Hypotension
 - b) Hypertension
 - c) Diarrhea
 - d) Fever
- 3) Dose of furosemide Adults Intravenous.
 - a) 80mg
 - b) 40mg
 - c) 90mg
 - d) 60mg
- 4) Prazosin is example of-----
 - a) Alpha1-Blocking Agents
 - b) Beta 1 - Blocking Agents
 - c) Angiotensin Receptor-Activating Agents
 - d) Angiotensin Receptor - Blocking Agents
- 5) Dose of Amlodipine is 5-10mg.
 - a) Once a day
 - b) Twice a day
 - c) Thrice a day
 - d) None
- 6) Class IC drugs cause a marked----- in the conduction velocity.
 - a) Depression
 - b) Increase
 - c) Parallel
 - d) Null effect
- 7) An adverse effect of oral iron therapy is-
 - a) Anemia
 - b) Thrombocytopenia
 - c) Constipation
 - d) Headache
- 8) Warfarin is Administration-
 - a) Parentally
 - b) Orally
 - c) Both
 - d) None

- 9) Ototoxicity is Adverse drug reaction of-----
- | | |
|-------------------|---------------------------|
| a) Loop diuretics | b) Thiazides |
| c) CA inhibitors | d) K ⁺ sparing |
- 10) H₁ Antagonists causes-----
- | | |
|-------------------------|------------------|
| a) Broncho-dilation | b) Broncho-spasm |
| c) Broncho-constriction | d) All |
- 11) The dihydropyridine blocks calcium channels.
- | | |
|-----------|------------------|
| a) L-type | b) T-type |
| c) N-type | d) None of above |
- 12) Promethazine not used for-----
- | | |
|----------------------------|-----------------------|
| a) Motion | b) Morning sickness |
| c) Post operative vomiting | d) Radiation sickness |
- 13) NSAID is applied to drugs that----- one or more steps in the metabolism of arachidonic acid.
- | | |
|------------------|---------------------------|
| a) Stimulates | b) Inhibit |
| c) CA inhibitors | d) K ⁺ sparing |
- 14) Dose of pentazocine is-----
- | | |
|-----------------|-----------------|
| a) 25-50mg/day | b) 40-80mg/day |
| c) 60-120mg/day | d) 80-150mg/day |
- 15) Example of uricosuric Agents.
- | | |
|---------------|-------------|
| a) Profencid | b) Dextrose |
| c) Colchicine | d) None |
- 16) Which one of the following hormones not synthesized in the hypothalamus-
- | | |
|------------------------|------------------------------------|
| a) Vasopressin | b) Corticotropin-releasing hormone |
| c) Luteinizing hormone | d) Thyrotropin-releasing hormone |
- 17) The posterior lobe of pituitary gland is a target for prolactin?
- | | |
|----------------|-------------------|
| a) Oxytocin | b) Growth hormone |
| c) Vasopressin | d) None of these |
- 18) Synthesis and release of thyroid hormones are controlled by-
- | | |
|-----------------------------|------------------------------------------|
| a) Hypothalamus alone | b) Blood levels of thyroid hormone alone |
| c) Anterior pituitary alone | d) All of the above |
- 19) The unwanted effect of cholecalciferol is-
- | | |
|-----------------------------|----------------------------------|
| a) CNS toxicity | b) Lymphocytopenia |
| c) Metastatic calcification | d) Defective bone mineralization |

20) Antidiabetic drug can be used safely in Renal impairment?

- a) Glime Pride b) Repaghimide
c) Rosi ghitamide d) All of the above

2. Solve any two.

$$10 \times 2 = 20$$

- i) Write down the Mechanism of action and classification of Insulin.
- ii) Discuss classification & Mechanism Action of NSAID?
- iii) Explain pharmacology of calcium channel blocker as Antihypertensive Agents.

3. Solve any seven.

$$7 \times 5 = 35$$

- a) Write a note on treatment of Angina.
- b) Write down classification of Anti-Hyperlipidemic Drugs.
- c) What is Indications & contraindications of Dopamine.
- d) Write a short note on Anticoagulants.
- e) Write a note on pharmacology of Antidiuretics.
- f) Explain mechanism of Action Histamine.
- g) Write contraindications Adverse effects of Anti-Rheumatic drugs.
- h) Write the properties of Hormones.
- i) Explain Antithyroid drugs.
