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BACHELOR OF PHYSIOTHERAPY (B. P. T.)
EXAMINATION : JUNE - 2021
THIRD YEAR
Subject: Pharmacology (BPT-305)

Date: 05/06/2021

Total Marks: 80

Time: 2.00 pm to 5.00 pm

Instruction:

- To answer the Multiple Choice Questions (MCQs) use the separate answer sheet provided by the Vidyapeeth.
- For answering the Multiple Choice Questions (MCQs) put the tick mark in the respective column.
 A ☐ B ☐ C ☐ D ☒
- Multiple Choice Questions (MCQs) are to be solved within first 20 minutes of the session.
- Return your answer sheet of Multiple Choice Questions (MCQs) when first 20 minutes' time is over.

SECTION – A

Q.1 Select the most appropriate option.

(20)

- Vit B12 must be given by injection in -----
 a) Iron deficiency anaemia b) Haemolytic anaemia
 c) Megaloblastic anaemia d) Pernicious anaemia
- Pain relief with which is diagnostic for Gout
 a) Colchicin b) Naproxen
 c) Paracetamol d) Indometacin
- Benefit of injectable iron over oral iron is-----
 a) Gives faster rise in Hb b) Faster replenishment of stores
 c) Does not cause any adverse effects d) Accurate dose calculation not required
- is a life saving drug in Anaphylactic shock
 a) Atropine b) Adrenaline
 c) Adenosine d) Amiodarone
- Skeletal muscle relaxant preferred for endotracheal intubation is-----
 a) Diazepam b) Succinyl choline
 c) Pancuronium d) Lignocaine
- All are adverse effects of Amino glycosides EXCEPT
 a) Cochlear toxicity b) Vestibular toxicity
 c) Renal damage d) Convulsions
- Cardio selective Beta blocker is -----
 a) Atenolol b) Propranolol
 c) Salbutamol d) Labetalol
- Which of the following is antemalarial drug
 a) Ranitidine b) Chloroquine
 c) Nimesulide d) Atropine
- All drugs are given by oral route except
 a) Amoxicillin b) Mannitol
 c) Thiazide d) Dapsone
- is a Proton pump inhibitor used in acid peptic disorders
 a) Ranitidine b) Omeprazole
 c) Salbutamol d) Propranolol
- Pharmacokinetics means -----
 a) Motion of the drug in the body b)) Elimination of drug
 c) Toxicity of drug d) Action of drug
- Drug of choice for insomnia due to Anxiety-----
 a) Aspirin b) Alprazolam
 c) Midazolam d) Atenolol

13. Drug of choice for trigeminal neuralgia is-----
a) Diazepam
b) Carbamazepine
c) Carbidopa
d) Enalapril
14. Drug of choice for Status Asthmatics is -----
a) Montelukast
b) Aminophylline
c) Salmeterol
d) Hydrocortisone
15. ----- is the drug of choice for treatment for shock due to Spinal anaesthesia or trauma to spinal cord
a) Adrenaline
b) Dobutamine
c) Dopamine
d) Mephenteramine
16. ----- is the drug of choice for young, non obese, stressed hypertensive patient
a) Amlodipine
b) Atenolol
c) Furosemide
d) Enalapril
17. Requirement of higher doses to produce same response is called as-----
a) Dependence
b) Tolerance
c) Tachyphylaxis
d) Resistance
18. ----- is called as Laughing Gas
a) Ether
b) Halothane
c) Nitrous Oxide
d) Sevoflurane
19. Reye's syndrome is caused by -----
a) Ibuprofen
b) Aspirin
c) Mefenamic acid
d) Naproxen
20. ----- is called as mood stabilizing agent
a) Lithium
b) Diazepam
c) Chromium
d) Sodium

SECTION – B

Q. 2 Answer the following. (any five) (15)

- 1) Write briefly about Teratogenicity
- 2) Write advantages and disadvantages of Lignocaine and Adrenaline combination
- 3) Write briefly on Iron deficiency Anemia.
- 4) Write uses and adverse effects of NSAIDs
- 5) How Organophosphate poisoning is treated. Give rational for using Atropine.
- 6) First pass metabolism.

SECTION – C

Q . 3 Answer the following. (any four) (20)

- 1) Pharmacotherapy of Parkinsonism
- 2) Drug Antagonism
- 3) write briefly about drugs used in the treatment and prophylaxis of Angina
- 4) Mention drugs used in the treatment of Asthma. Write briefly about beta 2 agonists.
- 5) Mention first line drugs in the treatment of Tuberculosis. Give rational for multiple drug combinations in tuberculosis

Q. 4 Answer in detail (any one) (10)

- 1 Pharmacotherapy of Diabetes Mellitus. Add a short note on Metformin.
- 2 Define Antibiotics and Antimicrobial agents. How Antimicrobial agents are classified

Q. 5 Answer the following (any three) (15)

- 1 Uses and adverse effects of Adrenaline
- 2 Uses of Benzodiazepines
- 3 Write note on Spinal Anesthesia.-Indications, limitations etc.
- 4 Pharmacotherapy of Gout