

MBBS II (Second) Professional Examination 2019-20

Course Code:MBS203

Paper ID: 03219206

Pharmacology-II

Time: 2 Hours 40 Minutes

Max Marks: 30

Note: Attempt all questions. Draw proper diagrams to support your answer.

Part 'B'

1. A patient is admitted in Medicine OPD and was diagnosed as a case Acute angina pectoris. (2+3+2)
 - a) Mention various drugs given in treatment of Acute angina pectoris.
 - b) Mention the Mechanism of action of Nitrates and their common adverse effects.
 - c) What is Mondays disease and its treatment?
2. A patient is admitted in endocrine-OPD and was diagnosed to be suffering from type-2 Diabetes mellitus. (3+2+2)
 - a) Mention various oral and parenteral hypoglycaemic drugs.
 - b) Can Insulin be advised in patient of type-2 Diabetes mellitus? Mention names of ultra-long acting insulins.
 - c) Explain why Beta-blockers should be carefully given in patient of Diabetes mellitus.
3. Write short notes on the following: (4x4=16)
 - a) Drug therapy of anaerobic infections
 - b) Drugs acting on platelets
 - c) Immunomodulators
 - d) Radioactive iodine

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Roll No.

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Student's Signature

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Student's Name

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Invigilator's Signature

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Course Code:MBS203

Pharmacology-II

Paper ID: 03219206

Part 'A'

Time: 20 Minutes

Max Marks: 10

- Note:** 1. Attempt all questions and return this part of the question paper to the invigilator after 20 Minutes.
2. Please tick (✓) correct one only. Cutting, overwriting or any other marking are not allowed.
3. For answering please use Ball- pen only.

- Q.2 The following is a pressor peptide that can be generated both in circulation as well as locally in certain tissues:
- Bradykinin
 - Angiotensin
 - Kallidin
 - Plasmin
- Q.3 Furosemide acts by inhibiting the following in the renal tubular cell:
- Na⁺-K⁺-2Cl⁻ cotransporter
 - Na⁺-Cl⁻ symporter
 - Na⁺-H⁺ antiporter
 - Na⁺ K⁺ ATPase
- Q.4 The primary site of action of thiazide diuretics is:
- Proximal tubule
 - Ascending limb of loop of Henle
 - Cortical diluting segment
 - Collecting ducts
- Q.5 The percentage of elemental iron in hydrated ferrous sulfate is:
- 5%
 - 10%
 - 20%
 - 33%
- Q.6 The daily dietary requirement of vit B12 by an adult is:
- 1-3 microgram
 - 50-100 microgram
 - 0.1-0.5 mg
 - 1-3 mg
- Q.7 Which antibiotic is primarily bacteriostatic but becomes bactericidal at higher concentrations:
- Erythromycin
 - Tetracycline
 - Chloramphenicol
 - Ampicillin

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- Q.8 Select the antibiotic whose dose must be reduced in patients with renal insufficiency:
- Ampicillin
 - Chloramphenicol
 - Tobramycin
 - Erythromycin

P.T.O.

- Q.10 The following anticancer drug has high emetogenic potential:
- Vincristine
 - Chlorambucil
 - 6-Mercaptopurine
 - Cisplatin
- Q.11 What is true of docetaxel:
- It is used as a reserve drug for refractory breast and ovarian cancer
 - It is a selective estrogen receptor modulator used for breast cancer
 - It is effective only in estrogen receptor positive breast cancer
 - Both 'B' and 'C' are correct
- Q.12 Patients treated with the following anticancer drug are likely to develop a disulfiram like reaction on taking alcohol:
- Dacarbazine
 - Procarbazine
 - Melphalan
 - Hydroxyurea
- Q.13 The drug of choice for neurocysticercosis is:
- Albendazole
 - Niclosamide
 - Praziquantel
 - Ivermectin
- Q.14 Select the drug that is used orally to treat scabies:
- Permethrin
 - Ivermectin
 - Praziquantel
 - Crotamiton

- Q.15 Pentamidine is a first line drug for the following disease:
- Toxoplasmosis
 - Pneumocystis carinii pneumonia
 - Actinomycosis
 - Leishmaniasis
- Q.16 The drug of choice for Kala azar is:
- Pentamidine
 - Amphotericin
 - Sodium stibogluconate
 - Ketoconazole
- Q.17 The distinctive feature of secnidazole is:
- It is not absorbed after oral ingestion
 - It is recommended for single dose treatment of intestinal amoebiasis
 - It is effective in intestinal but not in hepatic amoebiasis
 - It is effective in both trichomonas as well as monilial vaginitis
- Q.18 Recrudescences attending 3 day artesunate therapy of chloroquine resistant falciparum malaria can be prevented by combining it with a single dose of:
- Quinine
 - Primaquine
 - Tetracycline
 - Mefloquine
- Q.19 High molecular weight, pharmacodynamically inert, nonantigenic substances which form colloidal solution are used as:
- Osmotic purgatives
 - Osmotic diuretics
 - Plasma expanders
 - All of the above
- Q.20 Which hypolipidemic drug has been used to control and prevent pancreatitis in familial hypertriglyceridemia:
- Lovastatin
 - Nicotinic acid
 - Cholestyramine
 - Clofibrate[B]