



Date of issue :

Centre :

Sup. Sign. :

Seat No. :

NC-2106000102020102-O
Second Year M. B. B. S. Examination
January - 2022
Pharmacology : Paper-II
(New Curriculum)

Time : 3 Hours]

[Total Marks : 100

Instructions :

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
 Fillup strictly the details of signs on your answer book.

Name of the Examination :

Second Year M. B. B. S.

Name of the Subject :

Pharmacology : Paper-II

Subject Code No. : Section No. (1, 2,...): Nil

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Seat No. :

Student's Signature

- (2) All MCQs are compulsory.
- (3) Encircle the most appropriate correct option [i.e. (a), (b), (c) or (d)]

1 Multiple choice Questions (MCQs):

- (1) 2. A 27-year-old female presented to OPD of infertility clinic. She was prescribed bromocriptine. What could be the possible reason?
- (a) Hypoparathyroidism
- (b) Polycystic ovarian disease
- (c) Hypogonadotropic hypogonadism
- (d) Pelvic inflammatory disease
- (2) Fastest acting antithyroid drug is:
- (a) Potassium iodide (b) Propylthiouracil
- (c) Carbimazole (d) Cholestyramine

- (3) What is NOT TRUE about Anticoagulant drug ?
 - (a) Heparin is used by IV/SC route in Deep Vein Thrombosis
 - (b) aPTT monitoring is not required with low molecular weight heparin
 - (c) Heparin can be used by IM route in Myocardial infarction
 - (d) Heparin is safe to use in pregnancy
- (4) Although incidence of lactic acidosis with metformin therapy is very less. All are risk factors for increased lactic acidosis in patient on metformin therapy EXCEPT:
 - (a) Advance age
 - (b) Liver dysfunction
 - (c) Renal dysfunction
 - (d) Smoking
- (5) Drug of choice for acute adrenal insufficiency is:
 - (a) Oral prednisone
 - (b) IV hydrocortisone
 - (c) IV betamethasone
 - (d) IV dexamethasone
- (6) Vitamin beneficial in osteoporosis in combination with vitamin D is:
 - (a) Vitamine E
 - (b) Vitamine A
 - (c) Vitamine K
 - (d) Vitamine B
- (7) What is CORRECT about Hypolipidemic drug?
 - (a) Nicotinic acid is most effective in increasing level of HDL.
 - (b) Statins are most effective in reducing level of LDL.
 - (c) Fibrates are most effective in reducing level of TG.
 - (d) All of the above.
- (8) Acetazolamide is indicated in
 - (a) Glaucoma
 - (b) Acute mountain sickness
 - (c) For Alkaline diuresis
 - (d) All of the above.
- (9) Failure of oral contraceptive occur when used with any of these EXCEPT:
 - (a) Aspirin
 - (b) Tetracycline
 - (c) Phenytoin
 - (d) Rifampicin

- (10) Sucralfate should not be administered with antacids, reason is
- Antacids increases sucralfate's systemic absorption
 - Severe side effects are seen by combining these two drugs
 - Antacids decrease gastric, PH and makes sucralfate ineffective
 - Sucralfate makes antacids ineffective by increasing acid secretion
- (11) Despite their short half life (2hrs) proton pump inhibitors cause prolonged suppression of acid secretion up to 48hrs because They-
- are Prodrug and undergo activation gradually
 - exit from plasma & enter acid secretory canaliculi and stay there blocking acid secretion
 - are irreversible inhibitor of proton pump molecule
 - are available as enteric coated capsules, from which gradually released
- (12) Which of the following aminoglycoside is used for topical purpose
- Kanamycin
 - Neomycin
 - Amikacin
 - All of the above
- (13) Following drugs are used in the treatment of Chloroquine resistant malaria concurrently with Arternisinin. EXCEPT
- Lumefentrine
 - Quinine
 - Sulfadoxine + Pyrimethamine
 - Mefloquine
- (14) Which of the following agent is used as sterilant?
- Chloroxylonol
 - Chlorhexidine
 - Lysol
 - Ethylene oxide
- (15) Following is INCORRECT about Metronidazole.
- It is highly effective in asymptomatic cyst passers of E.histolytica infection.
 - It can causes disulfiram like reaction if used with alcohol.
 - It can be used in Anaerobic bacterial infection.
 - It can be used in triple drug therapy for H. Pylori infection.

- (16) This of the following is NOT TRUE regarding Anti - fungal drug.
- (a) Fluconazole has achieved good concentration in CSF so can be used in fungal meningitis.
 - (b) Ketoconazole can produce gynecomastia in males.
 - (c) Nystatin can be used as oral tablet in vaginal candidiasis infection.
 - (d) Amphotericin-B can produce nephrotoxicity.
- (17) Tirofiban is:
- (a) Monoclonal antibodies
 - (b) Antiplatelet drugs
 - (c) Anti-inflammatory drug
 - (d) Antianginal drug
- (18) In post MI patient which dose of aspirin is recommended?
- (a) 20 - 50 mg/day
 - (b) 75 - 150 mg/day
 - (c) 500 -1000 mg/day
 - (d) 3000 - 4000 mg/day
- (19) What is NOT TRUE about Anticoagulant drug
- (a) Heparin is used by IV/SC route in Deep Vein Thrombosis
 - (b) a PTT monitoring is not required with low molecular weight heparin
 - (c) Heparin can be used by IM route in Myocardial infarction
 - (d) Heparin is safe to use in pregnancy
- (20) Praziquantel, an anthelmintic drug can be used in nursing mothers and pregnant women.
- (a) True
 - (b) False