

Total No. of Questions - 25]

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M.B.B.S. II Professional Examination

MB-II/12(R)

234081

Pharmacology

Paper - II

(New Course)

Time Allowed: 3 Hours

Maximum Marks: 100

1. Section-1 (MCQ's).

ALL Questions are compulsory. Each question carries

ONE mark. Tick the right answer: (20 Marks)

2. Section-2

Attempt ALL questions write legible & precise answers.

(80 Marks)

SECTION-I

Note:- ALL Questions are compulsory. Each question carries ONE mark. Tick the right answer.

(Maximum Marks=20)

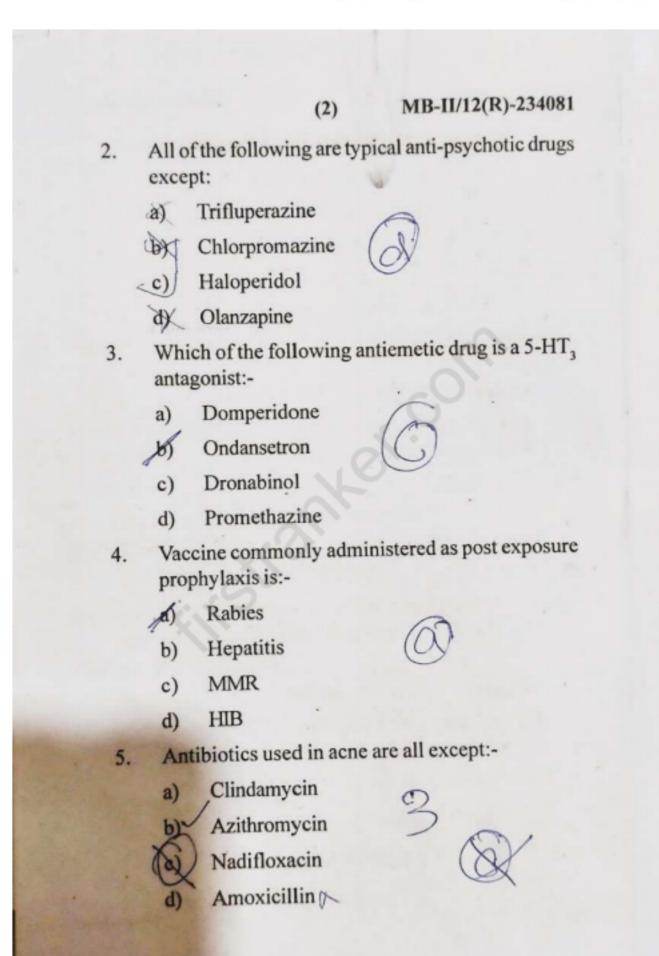
- Multiple Choice Questions.
 - 1. Which of the following is a fourth generation cephalosporin:
 - a) Cefipime
 - b) Cefotaxime
 - c) Cefpodoxime
 - d) Ceftazidime

Turn Over

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- TNF a inhibitor used in psoriasis is :-6.
 - Etanercept
 - b) Efalizumate
 - c) Tafacitinab
 - d) Apremilast
- Dimercaprol is used in poisoning due to all of the following except:
 - a) Asrenic 3000

 b) Mercury

 c) Copper 3000
 - - by Iron O.O
- 8. All of the following are features of vitamin A deficiency except:
 - Hyperkeratosis
 - Xerophthalmia
 - Swelling of gums
 - Increase susceptibility to infection d)
 - Drug of choice for precocious puberty:-9.
 - Cyproterone a)
 - Danazol b)
 - Medroxyprogesterone
 - **GnRH** agonist

Turn Over





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- 10. Which of the following drug is an inhibitor of iodine trapping by thyroid:
 - a) Methimazole
 - b) Carbimazole
 - c) Potassium perchlorate
 - d) Prophylthiouracil
- Which of the following insulin preparation is given by both SC and IV route:
 - a) Isophane Insulin
 - (b) Regular insulin
 - c) Lente insulin
 - d) Semilente Insulin
- 12. The antagonist of choice in opioid poisoning is :
 - ay Naloxone
 - b) Natrexone
 - c) Fentanyl
 - d) Nalorphine
- Corticosteroid with significant mineralocorticoid activity is:-
 - Fludrocortisone
 - b) Triamcinolone
 - c) Betamethasone
 - d) Dexamethasone



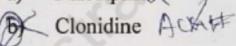
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- 14. Most effective anti tubercular drug for rapidly growing bacteria is:
 - a) Rifampicin
 - b) Ethambutol
 - c) Isoniazid
 - d) Pyrazinamide
- Non Neucleoside Reverse transcriptase inhibitor (NNRT) used to prevent vertical transmission:
 - a) Nevirapine
 - b) Efavirnez
 - c) Dellavirdine
 - d) Etravirine
- 16. All of the following are the adverse effects of Aspirin except:
 - a) Angioedema
 - b) Salicyclism
 - c) Respiratory alkaloses
 - d Patent ductus arteriosus
- 17. All of the following drugs are used for treatment of syphilis except:-
 - Doxycycline
- D.O.b) Benzathene penicillin
 - C) Clindamycin
 Erythromycin

Turn Over



- (6) MB-II/12(R)-234081
- 18. Drug regimen for pancibacillary leprosy include:
 - a) Rifampicin
 - b) Dapsone
 - c) Clofazimine
 - Both (a) and (b)
- Interaction between erythromycin and terfenadine can cause:
 - a) Torsades de pointes
 - b) CNS stimulation
 - c) Fever
 - d) Jaundice
- 20. Which of the following drug is useful in the medical management of Benign hypertrophy of prostrate:
 - a) NifedipineX



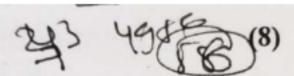
Estrogen
Finasteride

SECTION-II

Note:- Attempt ALL questions. Write legible and precise answers:- (Max. Marks=80)

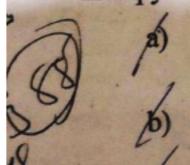
- Give a broad classification of Antimicrobial agents (AMAs) on the basis of mechanism of action. (5)
 - b) Discuss in brief therapeutic uses, ADR's and drug interactions of macrolide AMA's (15)





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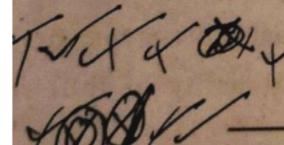
A postgraduate student working in a medicine ward accidently got injured with a needle used for determination of blood glucose via glucometer in a 55 years old female patient. A needle had deeply penetrated across his gloves and skin. On evaluation of the patient, it has been found that patient is HIV+ve and not taking any kind of anti-retroviral therapy.



Write one prefered drug regimen for post exposure prophyaxis. (5)

When should post exposure prophylactic medication be started?(2)

What is pre exposure prophylaxis? (3)



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2. \	Vrite short notes on:- $(4\times5=20)$
9	Second generation H ₁ antihistaminics.~
×	Therapeutic uses of Benzodiazipines.
- /	Mechanism of action and ADR's of combined oral contraceptic pills.
9	Management of narrow angle glaucoma.
3. I	Discuss in brief:- (4×5=20)
3	Pharmacotherapy of bipolar mood disorder
b	Mechanism of action and therapeutic uses of pioglitazone.
9	Role of β-blockers in thyrotoxicosis.
d	Therapeutic uses and ADR's of morphine?
	omment on the rationality of following atements:- (5×2=10)
a	Methotrexate is beneficial in patients suffering from Rheumatoid arthritis.
K	Rifampicin and oral contraceptives should not be given together.
d	d- penicillamine is given in Wilson's disease.\
4	N- acetyl cysteine is administered in paracetamol poisoning.
9)	Sumatriptan is the preferred drug in acute severe migraine.
	[Turn Over