

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

Section-1 (MCQ's). 1.

> ALL Questions are compulsory. Each question carries ONE mark. Tick the right answer. (20 Marks)

Section-2 2.

> Attempt ALL questions write legible & precise answers. (80 Marks)

SECTION-I

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

(Maximum Marks=20)

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

Turn Over



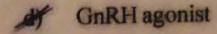
except: a) Trifluperazine Chlorpromazine Chlorprom		(2) MB-II/12(R)-234081
Chlorpromazine Haloperidol Olanzapine Which of the following antiemetic drug is a 5-HT3 antagonist:- a) Domperidone Ondansetron c) Dronabinol d) Promethazine Vaccine commonly administered as post exposure prophylaxis is:- Rabies b) Hepatitis c) MMR d) HIB Antibiotics used in acne are all except:-	2.	All of the following are typical anti-psychotic drugs except:
C) Haloperidol d) Olanzapine 3. Which of the following antiemetic drug is a 5-HT ₃ antagonist:- a) Domperidone b) Ondansetron c) Dronabinol d) Promethazine 4. Vaccine commonly administered as post exposure prophylaxis is:- a) Rabies b) Hepatitis c) MMR d) HIB 5. Antibiotics used in acne are all except:-		a) Trifluperazine
 Olanzapine Which of the following antiemetic drug is a 5-HT₃ antagonist:- a) Domperidone b) Ondansetron c) Dronabinol d) Promethazine Vaccine commonly administered as post exposure prophylaxis is:- a) Rabies b) Hepatitis c) MMR d) HIB 5. Antibiotics used in acne are all except:- 		Chlorpromazine
 3. Which of the following antiemetic drug is a 5-HT₃ antagonist:- a) Domperidone b) Ondansetron c) Dronabinol d) Promethazine 4. Vaccine commonly administered as post exposure prophylaxis is:- b) Rabies b) Hepatitis c) MMR d) HIB 5. Antibiotics used in acne are all except:- 		(c) Haloperidol
antagonist:- a) Domperidone b) Ondansetron c) Dronabinol d) Promethazine 4. Vaccine commonly administered as post exposure prophylaxis is:- n) Rabies b) Hepatitis c) MMR d) HIB 5. Antibiotics used in acne are all except:-		d) Olanzapine
Ondansetron c) Dronabinol d) Promethazine 4. Vaccine commonly administered as post exposure prophylaxis is:- (a) Rabies b) Hepatitis c) MMR d) HIB 5. Antibiotics used in acne are all except:-	3.	Which of the following antiemetic drug is a 5-HT ₃ antagonist:-
c) Dronabinol d) Promethazine 4. Vaccine commonly administered as post exposure prophylaxis is:- A) Rabies b) Hepatitis c) MMR d) HIB 5. Antibiotics used in acne are all except:-		a) Domperidone
d) Promethazine 4. Vaccine commonly administered as post exposure prophylaxis is:- (a) Rabies (b) Hepatitis (c) MMR (d) HIB 5. Antibiotics used in acne are all except:-		Ondansetron
 4. Vaccine commonly administered as post exposure prophylaxis is:- b) Rabies b) Hepatitis c) MMR d) HIB 5. Antibiotics used in acne are all except:- 		c) Dronabinol
prophylaxis is:- (a) Rabies (b) Hepatitis (c) MMR (d) HIB 5. Antibiotics used in acne are all except:-		d) Promethazine
b) Hepatitis c) MMR d) HIB 5. Antibiotics used in acne are all except:-	4.	Vaccine commonly administered as post exposure prophylaxis is:-
c) MMR d) HIB 5. Antibiotics used in acne are all except:-		Rabies
d) HIB 5. Antibiotics used in acne are all except:-		b) Hepatitis
5. Antibiotics used in acne are all except:-		c) MMR
		d) HIB
a) Clindamycin	5.	Antibiotics used in acne are all except:-
a) Cilidaily Cili		a) Clindamycin
b) Azithromycin		b) Azithromycin
Nadifloxacin (S)		Nadifloxacin
d) Amoxicillin		d) Amoxicillin



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6.	TNF	inhibitor	used	in	psoriasis	is	
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- (A) Etanercept
- b) Efalizumate
- c) Tafacitinab
- d) Apremilast
- Dimercaprol is used in poisoning due to all of the following except:
 - a) Asrenic ABBC
 - b) Mercury
 - cX Copper = ?
 - by Iron 0,0
- 8. All of the following are features of vitamin A deficiency except:
 - Hyperkeratosis
 - Xerophthalmia
 - c) Swelling of gums
 - d) Increase susceptibility to infection
 - 9. Drug of choice for precocious puberty:
 - a) Cyproterone
 - b) Danazol
 - c) Medroxyprogesterone



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
- 11. 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 :-
 - » Naloxone
 - b) Natrexone
 - c) Fentanyl
 - d) Nalorphine
- 13. Corticosteroid with significant mineralocorticoid activity is:-
 - Fludrocortisone
 - b) Triamcinolone
 - c) Betamethasone
 - d) Dexamethasone



(5) MB-II/12(R)-234081

14. Most effective anti tubercular drug for rapidly growing bacteria is:-

a) Rifampicin

- b) Ethambutol
- c) Isoniazid
- d) Pyrazinamide
- 15. 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
 - Patent ductus arteriosus
- 17. All of the following drugs are used for treatment of syphilis except:-

Doxycycline

D.O.by Benzathene penicillin

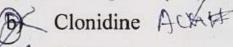
C) Clindamycin
Erythromycin

Turn Over





- 18. Drug regimen for pancibacillary leprosy include:
 - a) Rifampicin
 - b) Dapsone
 - c) Clofazimine
 - Both (a) and (b)
- 19. 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

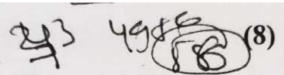
SECTION-II

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



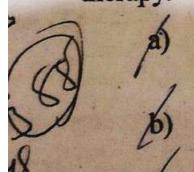
- a) Give a broad classification of Antimicrobial agents(AMAs) on the basis of mechanism of action. (5)
- b) Discuss in brief therapeutic uses, ADR's and drug interactions of macrolide AMA's (15)





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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)

	(7)	MB-II/12(R)-234081
2. Wr	ite short notes on:-	(4×5=20)
al and a second	Second generation H	I ₁ antihistaminics.
165	Therapeutic uses of l	Benzodiazipines.7
P	Mechanism of action oral contraceptic pil	and ADR's of combined >
dy	Management of narre	ow angle glaucoma.
3. Dis	scuss in brief:-	(4×5=20)
33		bipolar mood disorder
by	Mechanism of action pioglitazone.	and therapeutic uses of
c)	Role of β-blockers	in thyrotoxicosis.
dy.	Therapeutic uses and	IADR's of morphine?
	mment on the ration	onality of following (5×2=10)
a)	Methotrexate is b suffering from Rheu	peneficial in patients matoid arthritis.
b)	Rifampicin and oral oral oral oral oral oral oral oral	contraceptives should not
ø)	d- penicillamine is g	iven in Wilson's disease.\
*	N- acetyl cystein paracetamol poisonii	e is administered in ng. γ
987	Sumatriptan is the severe migraine.	preferred drug in acute
		[Turn Over