

Course No: PHRM 4345
Course Title: Pharmacology II
Date: 29/05/2018
No. of Questions: (6)
Time: 2hours
Using Calculator (No)

University of Palestine



Final Exam For 2nd
Semester.
2017/2018
Total Grade:50

Instructor Name: Mohammed Jami
Student No.: _____
Student Name: _____
College Name: Pharm. Sciences
Dep. / Specialist: Pharmacy
Using Dictionary (No)A

Question One: Please select the most appropriate answer from the options below. (20 M)

- 1. Which one of the following drugs is used in the management of alcohol withdrawal states:**
(a) Triazolam (c) Zolpidem
(b) Meprobamate (d) Chlordiazepoxide
- 2. This hypnotic drug facilitates the inhibitory actions of GABA, but it lacks anticonvulsant or muscle relaxing properties:**
(a) Buspirone (c) Zaleplon
(b) Diazepam (d) Flurazepam
- 3. Which of the following atypical antipsychotics would be the least sedating?**
(a) Quetiapine (c) Risperidone
(b) Olanzapine (d) Clozapine
- 4. Which one of the following drugs is NOT useful in dysmenorrhea?**
(a) Colchicine (c) Ibuprofen
(b) Aspirin (d) Naproxen
- 5. Which of the following medications is least likely to cause gastric ulceration?**
(a) Aspirin (c) Celecoxib
(b) Piroxicam (d) Meclofenamate
- 6. Aspirin is contraindicated in children suffering from influenza or similar viral infection because of increased risk of:**
(a) Gastric bleeding (c) Fancony syndrome
(b) Reye's syndrome (d) Thrombocytopenia
- 7. Which of the following anti-inflammatory analgesics has been cleared for pediatric use:**
(a) Paracetamol (c) Ketorolac
(b) Ibuprofen (d) Indomethacin
- 8. Antitussives act by:**
(a) Liquefying bronchial secretions
(b) Raising the threshold of cough center
(c) Reducing cough inducing impulses from the lungs
(d) Both (b) and (c)
- 9. The antiasthma drug which cannot be administered by inhalation is**
(a) Beclomethasone (c) Theophylline
(b) Ipratropium bromide (d) Salbutamol
- 10. The most efficacious drug for inhibiting round the clock gastric acid output is:**
(a) Cimetidine (c) Pirenzepine
(b) Omeprazole (d) Misoprostol

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- 11. The following laxative lowers blood ammonia level in hepatic encephalopathy:**
 (a) Bisacodyl (c) Magnesium sulfate
 (b) Liquid paraffin (d) Lactulose
- 12. Antacids should not be prescribed concurrently with:**
 (a) Sucralfate (c) Ranitidine
 (b) Pirenzepine (d) Omeprazole
- 13. Ondansetron:**
 (a) Can cause extrapyramidal side effects (c) Is not absorbed orally
 (b) Is not effective in acute emesis (d) Can prevent emesis due to radiation
- 14. Choose the drug forming a physical barrier to HCL and Pepsin:**
 (a) Ranitidine (c) Sucralfate
 (b) Omeprazole (d) Pirenzepine
- 15. Which drug is an analog of prostaglandin E1?**
 (a) Omeprazole (c) Sucralfate
 (b) Ranitidine (d) Misoprostol
- 16. Choose the antacid that causes constipation:**
 (a) Sodium bicarbonate (c) Calcium carbonate
 (b) Magnesium oxide (d) Aluminum hydroxide
- 17. The mechanism of stimulant purgatives is:**
 (a) Increasing the volume of non-absorbable solid residue
 (b) Increasing the water content
 (c) Altering the consistency of the feces
 (d) Increasing motility and secretion
- 18. Which H1 antagonist is noted for the alpha-adrenoreceptor-blocking effect?**
 (a) Diphenhydramine (c) Promethazine
 (b) Doxylamine (d) Cyclizine
- 19. Which of histamine H1 antagonists is noted for the serotonin-blocking effect?**
 (a) Cyproheptadine (c) Promethazine
 (b) Diphenhydramine (d) Meclizine
- 20. Extrapyramidal reactions can be treated by:**
 (a) Levodopa (c) Bromocriptine
 (b) Dopamine (d) Benztropine

Answer Key

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
11.	12.	13.	14.	15.	16.	17.	18.	19.	20.

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Question Two:

(10 M)

1. Match the pharmacological actions with their respective drugs A to E:

Actions		Drugs	
1	_____ The long half-life of this drug permits once-daily dosing	a	Hydrocortisone
2	_____ Non-analgesic anti-inflammatory	b	Diflunisal
3	_____ The analgesic effect of this drug is primarily mediated by central impairment of pain transmission	c	Aspirin
4	_____ Increases of depth of respiration	d	Piroxicam
5	_____ Non-Antipyretic anti-inflammatory	e	Acetaminophen

2. Match the following categories of laxatives/purgatives with their respective examples A to E:

Laxative/purgative		Examples	
1	_____ Bulk forming	a	Magnesium and sodium salts
2	_____ Stimulant	b	Docusates
3	_____ Osmotic	c	Dietary fiber, Psyllium Methylcellulose
4	_____ Stool softener	d	Oil Liquid paraffin
5	_____ Lubricant	e	Bisacodyl, Senna, Castor

Question Three:

(6 M)

A mother brought her ten year old child with complaints of severe breathlessness, wheezing and coughs. She stated that the attacks occurred in spring season. Case was diagnosed as Bronchial Asthma.

A. Name drugs used to terminate an attack of acute bronchial asthma.

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B. Enlist common adverse effects of inhaled steroids used in this disease.

C. What prophylactic therapy is advised before the seasonal attack?

Question Four:

(4 M)

A. Enlist two features of clozapine in treatment of schizophrenia.

B. Why regular monitoring of blood count is required during clozapine therapy?

Question Five:

(6 M)

A. Describe the mechanism of anti-emetic and pro-kinetic effects of metoclopramide.

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B. Name two:

i) Opiates used as anti-diarrheals.

ii) Major irritant laxatives used.

Question Six:

(4 M)

A. Name two drugs used in chronic gout.

B. Can allopurinol be given in acute gout? Why?

End of Questions
Good Luck