

Course No: PHRM 3345
Course Title: Pharmacology II
Date: 26/11/2017
No. of Questions: (5)
Time: 1 hours
Using Calculator (No)

University of Palestine



Second Mid. Exam
2017/2018
Total Grade:

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

Question One: Please select the most appropriate answer from the options below. (15 M)

Four new potential inhalational anesthetics (P, Q, R, and S) were tested in laboratory animals. Minimum alveolar concentration of each drug is recorded in the table below:

Drug	MAC
P	5.5
Q	45.2
R	12.7
S	0.9

- Which of the following drugs has the highest potency?
 - Drug P
 - Drug Q
 - Drug R
 - Drug S
- Four stages of general anesthesia are distinctly seen with the use of:
 - Halothane
 - Diethyl ether
 - Nitrous oxide
 - Enflurane
- Phenytoin is effective for the treatment of all of the following types of seizures EXCEPT:
 - Generalized tonic-clonic
 - Simple partial
 - Complex partial
 - Absence
- Which is the drug of choice for trigeminal neuralgia?
 - Carbamazepine
 - Phenytoin
 - Flurazepam
 - Diazepam
- Which of the following is a narrow spectrum antiepileptic drug effective only in absence seizures?
 - Lamotrigine
 - Ethosuximide
 - Sodium valproate
 - Primidone

Course No: PHRM 3345
Course Title: Pharmacology II
Date: 26/11/2017
No. of Questions: (5)
Time: 1 hours
Using Calculator (No)

University of Palestine



Second Mid. Exam
2017/2018
Total Grade:

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

-
- 6. Gabapentin acts:**
- As GABA_A agonist
 - As precursor of GABA
 - By enhancing GABA release
 - By GABA independent mechanism
- 7. Acute opium poisoning is treated by intravenous administration of:**
- Naloxone
 - Pentazocine
 - Nalbuphine
 - Butorphanol
- 8. Which of the following opioid analgesics is used as a preferred antitussive agent?**
- Morphine
 - Codeine
 - Meperidine
 - Methadone
- 9. Opioid receptors act via:**
- Opening of potassium channels
 - Opening of calcium channels
 - Inhibition of chloride channels
 - Opening of sodium channels
- 10. Which of the following local anesthetics is more likely to cause allergic reactions?**
- Lidocaine
 - Bupivacaine
 - Procaine
 - Ropivacaine
- 11. Which of the following opioid receptor types is responsible for euphoria and respiratory depression?**
- Kappa-receptors
 - Delta-receptors
 - Mu-receptors
 - All of the above
- 12. The diagnostic triad of opioid overdose is:**
- Mydriasis, coma and hyperventilation
 - Coma, depressed respiration and miosis
 - Mydriasis, chills and abdominal cramps
 - Miosis, tremor and vomiting

Course No: PHRM 3345
Course Title: Pharmacology II
Date: 26/11/2017
No. of Questions: (5)
Time: 1 hours
Using Calculator (No)

University of Palestine



Second Mid. Exam
2017/2018
Total Grade:

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

13. Which of the following intravenous anesthetics has antiemetic actions?

- a) Thiopental
- b) Propofol
- c) Ketamine
- d) Fentanyl

14. Indicate the drug of choice for status epilepticus in infants and children:

- a) Phenobarbital sodium
- b) Clonazepam
- c) Ethosuximide
- d) Phenytoin

15. Which of the following antiseizure drugs acts directly on the GABA receptor-chloride channel complex?

- a) Vigabatrin
- b) Diazepam
- c) Gabapentin
- d) Valproate

Answer Key

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
11.	12.	13.	14.	15.					

Question Two:

(2 M)

State four common adverse reactions associated with antiseizure agents.

- 1.
- 2.
- 3.
- 4.

Course No: PHRM 3345
Course Title: Pharmacology II
Date: 26/11/2017
No. of Questions: (5)
Time: 1 hours
Using Calculator (No)

University of Palestine



Second Mid. Exam
2017/2018
Total Grade:

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

Question Three:

(3 M)

□ Explain the following statements on pharmacological basis:

1. Methadone is an addictive medicine, used in the treatment of heroin addiction.
2. Pentazocine is contraindicated in patients with acute myocardial infarction.
3. Oral contraceptive pills fails in phenytoin treated epileptic patients.

Question Four:

(6 M)

1. For each of the following anesthetics, indicate whether they are inhalation or intravenous medicines:
 - A. Isoflurane
 - B. Propofol
 - C. Alfentanil
 - D. Nitrous Oxide
2. What is the rationale for the inclusion of a vasoconstrictor with a local anesthetic?

Course No: PHRM 3345
Course Title: Pharmacology II
Date: 26/11/2017
No. of Questions: (5)
Time: 1hours
Using Calculator (No)

University of Palestine



Second Mid. Exam
2017/2018
Total Grade:

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

3. For each of the following procedures, indicate into which site you would inject the local anesthetic:

- A. Nerve block

- B. Epidural anesthetic

- C. Intrathecal anesthetic

Question Five:

(4 M)

- Give short account on drug therapy of status epilepticus.

End of Questions
Good Luck