



MSS

PHARMACOLOGY

PAST PAPERS (17-20)

INCLUDING MAKEUP EXAMS



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1) Allopurinol decreases the plasma concentration of:

- A. Hypoxanthine
- B. Xanthine
- C. Uric acid
- D. Purine bases
- E. All of the above

Answer: C

2) Strong nonsteroidal anti-inflammatory drugs are more commonly used than colchicine in acute gout because:

- A. They are more effective.
- B. They are better tolerated.
- C. They act more rapidly.
- D. They have additional uricosuric action.
- E. All of the above

Answer: B

3) Colchicine is best described as it:

- A. Causes cellular proliferation.
- B. Enhances uric acid excretion.
- C. Is an effective analgesic in osteoarthritis.
- D. Is used for treatment and prevention of acute gouty arthritis.
- E. All of the above

Answer: D

4) A 61-year-old woman. Anesthesia was induced by thiopental and maintained by sevoflurane and tubocurarine. After surgery the anesthesiologist administered a drug to overcome the residual muscle relaxant effect of tubocurarine. Which of the following drugs was most likely given? (مش سؤال باست ببيرز بس الفكرة مكررة)

- A. Neostigmine
- B. Succinylcholine
- C. Cisatracurium
- D. Tizanidine
- E. Dantrolene

Answer: A

5) Neuromuscular blockers don't cause effects on CNS because of:

- A. They do not cross BBB.
- B. Acetylcholine receptors attach to them and do not let them go.
- C. They are more selective for muscular ones.
- D. Nicotinic receptors are not found in the brain.

Answer: A

6) A 56-year-old male came to the emergency room complaining of bone pain ,the physicians decided for surgery, before the operation, they made the dibucaine number test and they found that the patient has choline esterase deficiency ,which one of the following neuromuscular Blockers is contraindicated for this patient : (this question is very similar to the question written in the exam but the difference is in paraphrasing)

- A. Succinylcholine
- B. Cisatracurium
- C. Mivacurium
- D. Vecuronium
- E. Tubocurarine

Answer: C

7) All the following are concerned as drugs of acute gout arthritis, except?

- A. Allopurinol
- B. Probenecid
- C. Colchicine
- D. Diclofenac

Answer: A

8) Which of the following drugs can activate M2 receptors in the heart?

(ممکن ما انذکر و يكون تابع لمادة الميڊيس للاحتياط)

- A. Mivacurium
- B. Cisatracurium
- C. Tubocurarine
- D. Tizanidine
- E. Succinylcholine

Answer: E

9) Which of the following drugs acts as agonist at Nm receptors?

- A. Tizanidine
- B. Succinylcholine
- C. Cisatracurium
- D. Mivacurium
- E. Tubocurarine

Answer: B

10) A 38-year-old patient who was admitted to the emergency room with extensive soft-tissue burns. He was semiconscious and was artificially ventilated. His uncoordinated respiratory movements were interfering with the mechanical ventilation. Which of the following drugs was most likely administered to decrease the patient's spontaneous breathing?

- A. Botulinum toxin
- B. Dantrolene
- C. Vecuronium
- D. Neostigmine
- E. Succinylcholine

Answer: C

11) Which of the following drugs is not used for acute gouty arthritis?

- A. Probenecid
- B. Steroids
- C. Ibuprofen
- D. Colchicine

Answer: A

12) To lower uric acid levels in blood and urine you should use:

- A. Colchicine
- B. Indomethacin
- C. Allopurinol
- D. Corticosteroids

Answer: C

- 13) Which of the following is true regarding depolarizing and non-depolarizing neuromuscular blockers?
- A. They have the same chemical structure.
 - B. They have different modes of elimination.
 - C. They have the same duration of action.
 - D. They generally work on different targets.

Answer: B

- 14) Which of the following muscle relaxants has the maximum duration of action:
- A. Doxacurium
 - B. Atracurium
 - C. Vecuronium
 - D. They all have the same duration of action.
 - E. Rocuronium

Answer: A

- 15) All the following drugs will be useful in the treatment of an acute attack of gout; EXCEPT: (مكرر 020/018)
- A. Indomethacin
 - B. Prednisone.
 - C. Colchicine.
 - D. Allopurinol.
 - E. Diclofenac sodium

Answer: D

- 16) How does Probenecid decrease serum uric acid:

Answer: By inhibiting tubular reabsorption

V.2

The answer of Q.10 is C not E

GOOD LUCK!