

ATAL BIHARI VAJPAYEE MEDICAL UNIVERSITY, LUCKNOW**MBBS DEGREE - IInd PROFESSIONAL - REGULAR EXAMINATION - MARCH-2024****PHARMACOLOGY - PAPER - I****SECTION A - Multiple Choice Questions (MCQs)**

PAPER CODE : 2411130005

SET : B

Note: Choose one correct answer in the OMR sheet provided. No overwriting should be done.

Time: 20 Minutes

(20 x 1 = 20 MARKS)

1. Atropine does not antagonise the following feature of anticholinesterase poisoning:
 - a) Central excitation
 - b) Muscle paralysis
 - c) Hypotension
 - d) Bronchoconstriction
2. Which of the following compounds acts as a benzodiazepine antagonist?
 - a) Naloxone
 - b) Flurazolidone
 - c) Flumazenil
 - d) Naltrexone
3. Bromocriptine acts as:
 - a) Peripheral carboxylase inhibitor
 - b) COMT inhibitor
 - c) Dopamine agonist
 - d) MAO inhibitor
4. Which drug does not act by cAMP pathway?
 - a) Somatostatin
 - b) Glucagon
 - c) Estrogen
 - d) ACTH
5. Succinylcholine is the preferred muscle relaxant for tracheal intubation because:
 - a) It does not alter heart rate or blood pressure
 - b) It does not cause histamine release
 - c) It produces rapid & complete paralysis of respiratory muscles with quick recovery
 - d) It does not produce postoperative muscle soreness

6. Drug of choice for alcohol withdrawal is:
- Naltrexone
 - Diazepam
 - Disulfiram
 - Chlordiazepoxide
7. Derivative of morphine used for diarrhea is:
- Diphenoxylate
 - Pethidine
 - Oxymorphone
 - Codeine
8. The most vulnerable period of pregnancy for the causation of foetal malformations due to drugs is:
- 56–84 days of gestation
 - Second trimester
 - 18–55 days of gestation
 - 36 weeks onwards
9. The neuromuscular blocker that does not need reversal of action by neostigmine at the end of the operation is:
- Doxacurium
 - Pancuronium
 - d-Tubocurarine
 - Mivacurium
10. When the same dose of a drug is repeated at half-life intervals, the steady-state (plateau) plasma drug concentration is reached after:
- 4–5 half lives
 - 6–7 half lives
 - 2–3 half lives
 - 8–10 half lives
11. An immunologically mediated reaction to drug producing stereotyped symptoms unrelated to its pharmacodynamic actions is:
- Supersensitivity
 - Intolerance
 - Hypersensitivity
 - Idiosyncrasy

12. Bimatoprost is used as:

- a) Systemically to maintain patency of ductus arteriosus
- b) Cervical gel for ripening of cervix
- c) Topical eye drops in open angle glaucoma
- d) Orally for gastric ulcer

13. Which statements about anti-epileptics is false?

- a) Carbamazepine can be used in trigeminal neuralgia
- b) Diazepam is an anticonvulsant drug
- c) Phenytoin and carbamazepine act by prolonging the inactivated state of Na⁺ channels
- d) Lamotrigine mainly acts by causing GABA mediated Cl⁻ channel opening

14. If the total amount of a drug present in the body at a given moment is 2.0 g and its plasma concentration is 25 µg/ml, its volume of distribution is:

- a) 80 L
- b) 60 L
- c) 100 L
- d) 50 L

15. Drug which is used as a short-term inotropic in severe congestive heart failure & has selective adrenergic β₁ agonistic activity but no dopaminergic agonistic activity:

- a) Dobutamine
- b) Amrinone
- c) Dopamine
- d) Milrinone

16. Which drug is used for differentiating myasthenia gravis from cholinergic crisis?

- a) Neostigmine
- b) Atropine
- c) Edrophonium
- d) Acetylcholine

17. In which phase of clinical trials, post-marketing surveillance of a drug is carried out:

- a) Phase II
- b) Phase III
- c) Phase I
- d) Phase IV

18. The bladder trigone and prostatic muscles are relaxed by:

- a) Adrenergic α_1 antagonists
- b) Adrenergic α_2 agonists
- c) Adrenergic α_1 agonists
- d) Adrenergic α_2 antagonists

19. Drugs used for cessation of smoking are all except:

- a) Bupropion
- b) Varenicline
- c) Buspirone
- d) Nicotine

20. Agonistic action on which of the following adrenergic receptors located on ciliary epithelial cells reduces aqueous secretion:

- a) β_2 receptor
- b) α_1 receptor
- c) β_1 receptor
- d) α_2 receptor

www.FirstRanker.com