

Experiment 9-Lab Pharmacology-1_22-23

Maharashtra Educational Society's Humera Khan College of Pharmacy

Course: Second Year B.Pharm Sem IV

Subject: Lab Pharmacology-I

Academic Year 22-23

* Indicates required question

1. Email *

2. Name *

3. Roll Number *

4. Class- Batch *

Mark only one oval.

Second Year B.Pharm Div A-Batch B

Second Year B.Pharm Div B-Batch D

MCQs

5. Miosis is caused by (choose two options) *

1 point

Check all that apply.

- constriction of circular muscles of iris
- relaxation of circular muscles of iris
- Constriction of radial muscles of iris
- Relaxation of radial muscles of iris

6. The _____ pathway is responsible for mydriasis, while the _____ pathway is responsible for miosis.

* 1 point

Mark only one oval.

- Parasympathetic; Sympathetic
- Sympathetic ; Parasympathetic

7. Mydriatic eye drops *

1 point

Mark only one oval.

- Work by inhibiting the parasympathetic pathway to iris sphincter (circular muscle)
- Work by stimulating the parasympathetic pathway to iris sphincter
- Work by inhibiting the sympathetic pathway to the iris dilator (radial muscles)

8. Acetylcholine binds to _____ receptors of the _____ that enables constriction and miosis

* 0 points

Mark only one oval.

- muscarinic; iris sphincter
- nicotinic; iris dilator
- muscarinic; iris dilator
- adrenergic; iris sphincter

9. Miotic eye drops *

1 point

Mark only one oval.

- Cause a decrease in intra-ocular pressure
- Constrict the pupil to increase drainage of fluid
- Bind to muscarinic receptors
- Are used to treat glaucoma
- All of the above

10. Match the following *

4 points

Mark only one oval per row.

	Inhibits anti-cholinesterase	Blocks muscarinic receptors	Parasympathomimetic	Adrenergic
Atropine	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ephedrine	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Physostigmine	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Carbachol	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

11. Ephedrine causes _____ *

1 point

Mark only one oval.

- mydriasis
- constriction of radial muscles
- sympathetic pathway stimulation
- None of the above
- All of the above

12. _____ is a cycloplegic drug causing a temporary loss of light reflex * 1 point

Mark only one oval.

- Ephedrine
- Pilocarpine
- Atropine
- Carbachol

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