

Respiratory system

Choose the correct answer:

1- Following drugs directly activate the respiratory center EXCEPT:

- A. Bemegride
- B. Caffeine
- C. Aethymizole
- D. Cytiton

2- The mechanism of Cytiton action is:

- A. Direct activation of the respiratory center
- B. The reflex mechanism
- C. The mixed mechanism
- D. None of the above

3- Indicate the drug belonging to antitussives of narcotic type of action:

- A. Glaucine hydrochloride
- B. Aethylmorphine hydrochloride
- C. Tusuprex
- D. Libexine

4- Tick out the drug belonging to non-narcotic antitussives:

- A. Libexine
- B. Tusuprex
- C. Codeine
- D. Aethylmorphine hydrochloride

5- Indicate the expectorant with the reflex mechanism:

- A. Sodium benzoate
- B. Derivatives of Ipecacucnha and Thermopsis
- C. Trypsin
- D. Ambroxol

6- Tick the antitussive agent with a peripheral effect:

- A. Codeine
- B. Tusuprex
- C. Libexine
- D. Glaucine hydrochloride

7- Chymotrypsin is an agent containing free sulfhydryl groups. It's:

- A. True
- B. False

- 8- All of these drugs contain free sulfhydryl groups EXCEPT:
- A. Acetylcysteine
 - B. Ambroxol
 - C. Bromhexin
 - D. Trypsin
- 9- Which of the following drugs is proteolytic enzyme?
- A. Potassium iodide
 - B. Desoxiribonuclease
 - C. Carbocysteine
 - D. Acetylcysteine
- 10- All of the following drugs destroy disulfide bonds of proteoglycans, which cause depolymerization and reduction of viscosity of sputum, EXCEPT:
- A. Acetylcysteine
 - B. Ambroxol
 - C. Desoxiribonuclease
 - D. Bromhexin
- 11- Which of these groups of drugs is used for asthma treatment?
- A. Methylxanthines
 - B. M-cholinoblocking agents
 - C. Beta2 - stimulants
 - D. All of above
- 12- Tick the drug belonging to non-selective beta2-adrenomimetics:
- A. Salbutamol
 - B. Isoprenaline
 - C. Salmeterol
 - D. Terbutaline
- 13- Select the side-effect characteristic for non-selective beta2-adrenomimetics:
- A. Depression of the breathing center
 - B. Tachycardia
 - C. Peripheral vasoconstriction
 - D. Dry mouth
- 14- Pick out the bronchodilator drug related to xanthine:
- A. Atropine
 - B. Orciprenaline
 - C. Adrenaline
 - D. Theophylline

- 15- Pick out the bronchodilator drug belonging to sympathomimics:
- A. Isoprenaline
 - B. Ephedrine
 - C. Atropine
 - D. Salbutamol
- 16- The property of prolonged theophyllines is the prevention of night asthmatic attacks. It's:
- A. True
 - B. False
- 17- The mechanism of methylxanthines action is:
- A. Inhibition of the enzyme phosphodiesterase
 - B. Beta2 -adrenoreceptor stimulation
 - C. Inhibition of the production of inflammatory cytokines
 - D. Inhibition of M-cholinoreceptors
- 18- Which of the following M-cholinoblocking agents is used especially as an anti-asthmatic?
- A. Atropine
 - B. Ipratropium
 - C. Platiphylline
 - D. Metacin
- 19- Indicate the side effect of Theophylline:
- A. Bradycardia
 - B. Increased myocardial demands for oxygen
 - C. Depression of respiratory center
 - D. Elevation of the arterial blood pressure
- 20- All of the following drugs are inhaled glucocorticoids EXCEPT:
- A. Triamcinolone
 - B. Beclometazone
 - C. Sodium cromoglycate
 - D. Budesonide
- 21- Choose the drug belonging to membrane stabilizing agents:
- A. Zileutin
 - B. Sodium cromoglycate
 - C. Zafirlucast
 - D. Montelukast

22- Tick the drug which is a 5-lipoxygenase inhibitor:

- A. Budesonide
- B. Sodium cromoglycate
- C. Zileutin
- D. Beclometazone

23- Zileutin prevents the production of leukotrienes. This statement is:

- A. True
- B. False

24- Indicate the drug which is a leucotriene receptor antagonist:

- A. Sodium cromoglycate
- B. Zafirlucast
- C. Zileutin
- D. Triamcinolone

25- Zafirlucast prevents aspirin-sensitive asthma. This consideration is:

- A. True
- B. False

The answers (Respiratory system):

1	D	8	D	15	B	22	C
2	B	9	B	16	A	23	A
3	B	10	C	17	A	24	B
4	B	11	D	18	B	25	A
5	B	12	B	19	B		
6	C	13	B	20	C		
7	B	14	D	21	B		