



1. Aldosterone increase excretion of..... In urine:

- A. Sodium
- B. Potassium
- C. Water
- D. All of the above

2. Aldosterone production is regulated by.....?

- A. Renin-Angiotensin system,
- B. Hypothalamic-pituitary-adrenal axis
- C. Hypothalamic-pituitary-gonadal axis
- D. None of the above

3. Cortisol production is regulated by

- A. Renin-Angiotensin system,
- B. Hypothalamic-pituitary-adrenal axis
- C. Hypothalamic-pituitary-gonadal axis
- D. None of the above

4. Which of the following hormones is secreted from hypothalamus to stimulate cortisol production

- A. TRH
- B. GnRH
- C. CRH
- D. ACTH

5. Which of the following hormones is secreted from anterior pituitary to stimulate cortisol production

- A. TSH
- B. GH
- C. CRH
- D. ACTH

1. B

2. A

3. B

4. C

5. D



6. Physiologic effects of glucocorticoids include all of the following except.....:

- A. Increase liver gluconeogenesis
- B. Increase lipolysis
- C. Protein anabolic effect
- D. Anti-inflammatory effect

7. Which of the following corticosteroid drugs has a potent mineralocorticoid effect.....

- A. Fludrocortisone
- B. Methylprednisolone
- C. Dexamethasone
- D. Triamcinolone

8. Preferred route of glucocorticoids administration is

- A. Oral administration
- B. Inhalational administration
- C. IM administration
- D. IV administration

9. Which of the following is used as replacement therapy in patients with primary adrenal insufficiency?

- A. Dexamethasone
- B. Triamcinolone
- C. Prednisone
- D. Fludrocortisone

10. Which of the following is a long acting corticosteroid drug.....

- A. Hydrocortisone
- B. Cortisone
- C. Dexamethasone
- D. Methylprednisolone

6. C

7. A

8. B

9. D

10. C



11. Which of the following glucocorticoids is used as replacement therapy in the treatment of Addison disease

- A. Hydrocortisone
- B. Betamethasone
- C. Dexamethasone
- D. Triamcinolone

12. Which of the following is a short acting corticosteroid drug

- A. Betamethasone
- B. Cortisone
- C. Dexamethasone
- D. Methylprednisolone

13. Which of the following glucocorticoids has the most potent anti-inflammatory action

- A. Hydrocortisone
- B. Cortisone
- C. Dexamethasone
- D. Prednisone

14. All of the following are effects of glucocorticoids except.....

- A. Suppress activation of T lymphocytes & macrophage
- B. Stabilize lysosomal membranes of neutrophils
- C. Cause vasoconstriction and decrease capillary permeability
- D. Decrease number of RBCs and platelets

15. Effects of glucocorticoids include which of the following.....

- A. Promote fat redistribution
- B. Increase growth in children
- C. Enhance vitamin D effect on calcium absorption
- D. Inhibit structural and functional development of fetal lungs

11.A

12.B

13.C

14.D

15.A



16. Which of the following is seen in patients taking glucocorticoids?

- A. Mongoloid face
- B. Moon face
- C. Chipmunk face
- D. Blunted face

17. Long-term use of glucocorticoids can lead to.....

- A. Increase pituitary release of ACTH
- B. Psychosis
- C. Buffalo hump
- D. B & C

18.is the first-line therapy of bronchial asthma?

- A. Dexamethasone
- B. Methylprednisolone
- C. Beclomethasone
- D. Hydrocortisone

19. Glucocorticoids are indicated in all of the following except.....

- A. Osteoporosis
- B. Autoimmune disorders as systemic lupus erythematosus
- C. Lymphocytic leukemias
- D. Replacement therapy in adrenocortical insufficiency

20. Which of the following is used in respiratory distress syndrome in premature infants?

- A. Indomethacin
- B. Glucocorticoids
- C. Cyclosporine
- D. Clonidine

16.B	17.D	18.C	19.A	20.B
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21. Mometasone is mainly used for.....:

- A. Multiple sclerosis
- B. Ulcerative colitis
- C. Allergic rhinitis
- D. Lymphomas

22. Most common cause of adrenal insufficiency is.....

- A. Autoimmune destruction of adrenal gland
- B. Sudden stoppage of steroids after prolonged use
- C. Pituitary dysfunction
- D. None of the above

23. Regarding pharmacokinetics of glucocorticoids which of the following is correct....

- A. Glucocorticoids are poorly absorbed after oral administration.
- B. Glucocorticoids are metabolized by reduction in the liver
- C. Glucocorticoids are highly bound to corticosteroid-binding globulin and albumin.
- D. All of the above

24. To treat acute adrenal insufficiency and acute allergic reactions, glucocorticoids are given

- A. Parenterally
- B. Orally
- C. Topically
- D. By inhalation

25. Side effects of glucocorticoids include all of the following except.....

- A. Cushing syndrome
- B. Cataracts and glaucoma
- C. Acute adrenal suppression
- D. Hypoglycemia

26. Na⁺ retention, K⁺ loss, and hypertension are more commonly seen with.....

- A. Hydrocortisone
- B. Betamethasone
- C. Dexamethasone
- D. Triamcinolone

21. C	22. B	23. C	24. A	25. D	26. A
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