

Improvement exam

B.Pharm Improvement Examination(2020-2021)

Date : (17/08/20)

Semester : 5

Subject: Pharmacology II

Instructions:

1. All Questions are compulsory.
2. Each question carry 1 mark.

* Required

1. Email address *

2. Erollment No *

3. 1. Requirements for ideal plasma volume expanders include

Mark only one oval.

- It should have same oncotic pressure, pH and viscosity to that of plasma.
- It should be retained in the circulation for an adequate period.
- It should be nonpyrogenic, sterile and nonantigenic
- All of above

4. 2. Dextran is available as

Mark only one oval.

- Dextran 40
- Dextran 70
- Both a & b
- None of above

5. 3. Iron deficiency anemia is treated with

Mark only one oval.

- Ferrous sulfate
- Ferrous gluconate
- Ferrous fumarate
- All of above

6. 4. Adverse effect of oral iron therapy is

Mark only one oval.

- Anemia
- Thrombocytopenia
- Gi disturbances, constipation
- None

7. 5. Drug of choice in aplastic anemia is

Mark only one oval.

- Carbamezepine
- Phenytoin
- Epoetin α
- Quinidine

8. 6. Following is an oral anticoagulant

Mark only one oval.

- Heparin
- Daltreparin
- Warfarin
- Enoxaparin

9. 7. Carbonic anhydrase inhibitor is

Mark only one oval.

- Furosemide
- Acetazolamide
- Hydrochlorothiazide
- Spironolactone

10. 8. K⁺ sparing diuretic that blocks epithelial Na⁺ channels is :

Mark only one oval.

- Acetazolamide
- Furosemide
- Hydrochlorothiazide
- Amiloride

11. 9. Ototoxicity is the ADR of

Mark only one oval.

- Furosemide
- Acetazolamide
- Both of the above
- None

12. 10. Na⁺/K⁺/2Cl⁻ co-transporter in renal tubular cells is inhibited by

Mark only one oval.

- hydrochlorothiazide
- Furosemide
- Spironolactone
- Acetazolamide

13. 11. Hypokalemia is the side effect of following diuretics agents

Mark only one oval.

- hydrochlorthiazide
 Furosemide
 Both of above
 None of above

14. 12. Aldosterone mediated Na⁺ and Cl⁻ reabsorption occur at

Mark only one oval.

- Proximal tubule
 Loop of henle
 Distal convoluted tubule
 Collecting duct

15. 13. Drug that reduces blood pressure by acting on presynaptic α₂ receptor is

Mark only one oval.

- Propranolol
 Enalapril
 Clonidine
 Verapamil

16. 14. Following is an angiotensin II receptor antagonist antihypertensive agent

Mark only one oval.

- Pancuronium
 Lisinopril
 Telmisartan
 Diazoxide

17. 15. Following is contraindicated in patients with bronchial asthma

Mark only one oval.

- Diltiazem
 Verapamil
 Nifedipine
 Propranolol

18. 16. Diuretics are used for hypertension treatment because they

Mark only one oval.

- Reducing blood volume
 Block the sympathetic transmission
 Depression of rennin angiotensin system
 Suppress the vasomotor center

19. 17. Select the diuretic agent having ceiling effect:

Mark only one oval.

- Furosemide
 Spironolactone
 Thiazide
 None of above

20. 18. Which of the following enzyme is inhibited by statins?

Mark only one oval.

- ACE
 AchE
 HMG CO-A reductase
 None of above

21. 19. Vasopressin possesses following property

Mark only one oval.

- Vasodilatation property
- Release of a thyroid hormone into the plasma
- Diuretic property
- Antidiuretic property

22. 20. One of the following agent is used to prevent bleeding in hemophilic patients

Mark only one oval.

- Heparin
- Warfarin
- Desmopressin
- Enoxaparin

23. 21. Adverse consequences of excess mineralocorticoid action include the following except:

Mark only one oval.

- Na⁺ and water retention
- Acidosis
- Aggravation of CHF associated myocardial fibrosis
- Rise in blood pressure

24. 22. Glucocorticoids impair carbohydrate tolerance by:

Mark only one oval.

- Promoting gluconeogenesis in liver
- Depressing glucose uptake into skeletal muscles
- Inhibiting insulin secretion
- Both A and B are correct

25. 23. The glucocorticoid receptor is located:

Mark only one oval.

- On the outer surface of the cell membrane
- On the inner surface of the cell membrane
- In the cytoplasm
- Inside the nucleus

26. 24. Dexamethasone differs from prednisolone in that it is:

Mark only one oval.

- Longer acting
- More potent
- More selective
- All of the above

27. 25. Corticosteroid therapy can aggravate the following disorders except:

Mark only one oval.

- Congenital adrenal hyperplasia
- Diabetes mellitus
- Hypertension
- Peptic ulcer

28. 26. Parenteral testosterone therapy in a boy can cause the following adverse effects except:

Mark only one oval.

- Gynaecomastia
 Acne
 Cholestatic jaundice
 Precocious puberty

29. 27. Choose the correct statement about anabolic steroids:

Mark only one oval.

- They are testosterone congeners having anabolic but no androgenic activity
 They are androgens with relatively selective anabolic activity
 They are suitable for long-term therapy in children
 Both 'B' and 'C' are correct

30. 28. Which of the following is a steroid 5 α -reductase inhibitor that has been found useful in benign prostatic hypertrophy and male pattern baldness:

Mark only one oval.

- Flutamide
 Finasteride
 Prazosin
 Minoxidil

31. 29. Estrogens exert the following actions except:

Mark only one oval.

- Cornification of vaginal epithelium
- Proliferation of endometrium
- Maturation of graafian follicle
- Anabolism

32. 30. Estrogen therapy in postmenopausal women has been implicated in increasing the risk of the following disorders except:

Mark only one oval.

- Gall stones
- Osteoporosis
- Endometrial carcinoma
- Breast cancer

33. 31. Progesterone administration:

Mark only one oval.

- Suppresses onset of menstruation
- Induces watery cervical secretion
- Sensitizes the uterus to oxytocin
- Cornifies vaginal epithelium

34. 32. Actions of progesterone include the following except:

Mark only one oval.

- Rise in body temperature
- Endometrial proliferation
- Proliferation of acini in mammary gland
- Suppression of cell mediated immunity

35. 33. Select the indication for which a progestin is used alone without combining with an estrogen:

Mark only one oval.

- Threatened abortion
- Dysfunctional uterine bleeding
- Hormone replacement therapy
- Premenstrual tension

36. 34. Oxytocin is essential for:

Mark only one oval.

- Initiation of labour
- Formation of milk
- Milk ejection reflex
- Both 'A' and 'C' are correct

37. 35. The adrenergic tocolytic preferred for arresting labour is:

Mark only one oval.

- Ritodrine
- Isoprenaline
- Salbutamol
- Terbutaline

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