

CBME**Dr YSR UNIVERSITY OF HEALTH SCIENCES: VIJAYAWADA- 520008****MBBS DEGREE EXAMINATION - JANUARY, 2024****SECOND M.B.B.S. EXAMINATION****PHARMACOLOGY PAPER-II****(Multiple Choice Questions) (SET-C)****Time: 20 Minutes****Max Marks: 20**

Note: Answer all questions.

SECTION-I (MCQs - 20 MARKS)**1X2=20**

1. Which of the following antibiotics is given orally for the treatment of pseudomembranous colitis caused by *Clostridium difficile*?

- a. Vancomycin.
- b. Ampicillin
- c. Doxycycline
- d. Clindamycin

2. Which of the following antibiotic acts by inhibiting protein synthesis?

- a. Cefazolin
- b. Methicillin
- c. Doxycycline
- d. Ciprofloxacin

3. Which of the following drugs is combined with imipenem to increase its half-life?

- a. Sulbactam
- b. Cilastatin
- c. Avibactam
- d. Pravastatin

4. Which among the following antibiotic is not an inhibitor of cell wall synthesis?

- a. Netilmicin
- b. Fosfomycin
- c. Bacitracin
- d. Cycloserine

5. Cotrimoxazole contains sulfamethoxazole to trimethoprim in the ratio of

- a. 4:1
- b. 5:1
- c. 1:4
- d. 1:5

6. The antibiotic of choice for surgical prophylaxis is

- a. Cefuroxime axetil
- b. Cefixime
- c. Cefazolin
- d. Oritavancin

7. Mechanism of action of Ketoconazole

- a. Forming pores in fungal cell membrane
- b. Blocking glucan synthase

- c. Interfering with fungal ergosterol synthesis
- d. Inhibiting epoxidation of squalene

8. Which among the following beta lactam antibiotics does not show cross allergenicity in patients allergic to penicillin

- a. Aztreonam
- b. Meropenem
- c. Imipenem
- d. Methicillin

9. Which among the following drugs can be used for the treatment of a 26 year old woman with infertility and hyperprolactinemia?

- a. Levodopa
- b. Bromocriptine
- c. Methylergometrine
- d. Misoprostol

10. Filgrastim is indicated for the treatment of

- a. Anemia
- b. Neutropenia
- c. Polycythemia
- d. Eosinophilia

11. Which among the following drugs is used for the management of acute symptoms associated with hyperthyroidism such as tachycardia and palpitations

- a. Carbimazole

- b. Lugol's iodine
- c. Propranolol
- d. Methimazole

12. All of the following statements are true about heparin except

- a. Contraindicated in pregnancy
- b. Protamine is the antidote for overdose
- c. Alopecia is an adverse effect
- d. Intramuscular route is contraindicated

13. Tamoxifen is a

- a. Selective progesterone receptor modulator
- b. Selective estrogen receptor modulator
- c. Selective androgen receptor modulator
- d. Selective glucocorticoid receptor modulator

14. Which among the following antidiabetic drugs can cause megaloblastic anemia due to vitamin B12 deficiency

- a. Glibenclamide
- b. Metformin
- c. Acarbose
- d. Rosiglitazone

15. The drug useful in early first trimester abortion is

- a. Clomiphene citrate
- b. Leuprolide
- c. Oxytocin

d. Mifepristone

16. Which among the following conditions is a contraindication for use of glucocorticoids

- a. Renal transplant recipients
- b. Inflammatory bowel disease
- c. Acute uveitis
- d. Varicella infection

17. Which among the given anticancer drugs is not an alkylating agent

- a. Lomustine
- b. Busulfan
- c. Fludarabine
- d. Carmustine

18. Which of the following statements is true about misoprostol

- a. It is a methyl analogue of PGF₂
- b. It is teratogenic in humans
- c. It requires single daily dosing for NSAID induced peptic ulcer
- d. It has both acid inhibitory and mucosal protective properties

19. Which among the following chelating agents is known popularly as "British anti-lewisite"

- a. Succimer
- b. Unithiol
- c. Edette calcium disodium
- d. Dimercaprol

20. Sucralfate is a salt of

- a. Sucrose complexed to sulphated aluminium sulphate
- b. Sucrose complexed to sulphated aluminium phosphate
- c. Sucrose complexed to sulphated aluminium hydroxide
- d. Sucrose complexed to sulphated aluminium carbonate

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