

Final Year B. Pharmacy (Sem-VIII)
SAMPLE QUESTIONS

Subject: Pharmacology-V (55653)

(Total MCQ's: 30)

1.is thromboxane synthesis inhibitor used as a anti platelet drug.
(1) **Aspirin** (2) Dipyridamole
(3) Warfarin (4) Streptokinase
2. Which of the following Vitamin K is synthetic in nature?
(1) **Vitamin K3** (2) Vitamin K1
(3) Vitamin K 2 (4) Vitamin K 4
3. Administration of certain drug to pregnant woman result in to foetal abnormalities is known as
(1) **Teratogenecity** (2) Ototoxicity
(3) Neurotoxicity (4) Anxiety
4. van Den Bergh's Method is used for the estimation of serum _____, one of the important liver function tests.
(1) **Bilirubin** (2) Creatinine
(3) Total Protein (4) Ceruloplasmin
5. is not a skin disorder
(1) **Pediculosis** (2) Urticaria
(3) Pruritis (4) None of the above
6. Lithium is absolutely contraindicated in
(1) **Lactation** (2) Diabetes insipidus
(3) Jaundice (4) Hypothyroidism
7. The therapeutic index of a drug is a measure of its
(1) **Safety** (2) Potency
(3) Efficacy (4) Dose variability
8. Conc. Of unknown = $n_1/t * \text{Antilog} \{T-S_1/ S_2-S_1 * \log n_2/h_1\}$ this formula for
(1) **Three point Bioassay** (2) Four point Bioassay
(3) Six point Bioassay (4) None of above
9. ----- used for carbon monoxide poisoning treatment
(1) Penicillamine (2) **Oxygen therapy**
(3) methylene blue (4) alkalination of urine

10. Drugs used to treat glaucoma **EXCEPT**
- (1) Pilocarpine (2) Physostigmine
 (3) Epinephrine (4) **Scopolamine**
11. Heparin is metabolized in which one of the following body part?
- (1) **Liver** (2) Kidneys
 (3) Lung (4) GI Tract
12. Leech dorsal muscle, Isolated heart, Guinea pig ileum, rabbit intestine used for bioassay of
- (1) **Acetylcholine** (2) Tubocurarine
 (3) Digitalis (4) Heparin
13. _____ is an example of graded response.
- (1) **Effect of Ach on muscle** (2) Hypoglycemic convulsion by insulin
 (3) Cardiac arrest of Digitalis (4) None of the above
14. Identify type of ADR in statement – Barbiturates can cause excitement and mental confusion in some patients.
- (1) **Idiosyncrasy** (2) Hypersensitivity
 (3) Photo sensitivity (4) None of the above
15. Blood level of which clotting factor declines rapidly after the initiation of warfarin therapy
- (1) Factor X (2) **Factor VII**
 (3) Factor IX (4) Prothrombin
16. One of the following is correct reason for therapeutic drug monitoring
- (1) Assessment of toxicity (2) Monitoring drug interactions
 (3) Guiding for withdrawing therapy (4) **All of these**
17. Which of the following combination produces synergistic effect?
- (1) **sulfamethoxazole + trimethoprim** (2) phenytoin + warfarin
 (3) warfarin + cholestamine (4) All of the above
18. Identify the drug used in bioassay which shows contractions of muscles due to increased free calcium concentration and also causes depolarization of membrane & increased action potential.
- (1) **Acetyl Choline** (2) Adrenaline
 (3) Atropine (4) Nifedipine
19. Which one of the following juice is not suitable with blood thinners (anticoagulants) such as warfarin?

- (1) Pineapple (2) **Cranberry**
 (3) Tomato (4) Mango
20. In a double blind clinical trial:
 (1) **The patients do not know which treatment they receive** (2) Each patient receives a placebo
 (3) The patients do not know they are in a trial (4) Each patient receives both treatments
21. Which is the best description of when drug interactions occur?
 (1) On administration of toxic dosages of a drug (2) On an increase in the pharmacodynamics of bound drugs
 (3) **On the alteration of the effect of one drug by another drug** (4) On increase of drug excretion
22. Intoxication, Metabolic abnormality , Hypoxia can be Cause for ----- disorder
 (1) **Coma** (2) Glaucoma
 (3) Vertigo (4) Urticaria
23. The component used in Gastric Lavage preparation is
 (1) $KMnO_4$ (2) Sodium bicarbonate
 (3) Sodium thiosulphate (4) **All of above**
24. Which are the correct high alert low therapeutic index drugs?
 (1) **Lithium, Tricyclic antidepressant** (2) Amphoteresin B, Amino glycosides
 (3) Clindamycin, Cyclosporine (4) Minoxidil , Levothyroxine
25. Select the correct sequence of types of Adverse drug reaction like
 A) Bizarre
 B) Augmented
 C) Continuous
 D) Delayed
 (1) ABCD (2) BCDA
 (3) **BACD** (4) DABC
26. _____ is contraindicated during pregnancy
 (1) Ciprofloxacin (2) Pefloxacin
 (3) **Norfloxacin** (4) Amikacin
27. Bioassay of histamine on isolated guinea pig ileum is determined by
 (1) Matching bioassay (2) Interpolation bioassay
 (3) Bracketing bioassay (4) **All of these**
28. _____ is not an example of complexation type of drug interaction

- (1) Warfarin + Cholestyramine (2) Tetracycline + Antacid
 (3) Ciprofloxacin + Antacid (4) **None of above**
29. Which of the following patients would be at higher risk of adverse drug reactions?
 (1) A 32 year man (2) A 17 year boy
 (3) A 48 year woman (4) **A 3 month child**
30. Which one of the following is a CORRECT statement about clinical trials of drug?
 (1) Large number of healthy volunteers are studied (2) Clinical trials mainly are used to determine maximum tolerated dose
 (3) **Clinical trials are mainly used to determine efficacy of drug** (4) Clinical trials are mainly used to determine toxicity of drug

31. Which is the following eye disorder observed in child



- (1) Glaucoma (2) **Cataract**
 (3) Conjunctivitis (4) Keratitis
32. Bacteria in the pores. Propionibacterium acnes is the.....



- (1) Aerobic (2) **Anaerobic**
 (3) Both (4) none of these
