

Test for B. Pharm., 2016 (lateral entry)

1. Separation of tablet into two or more distinct layers is called
(a) Picking (b) Capping (c) Lamination (d) Broken
2. The first edition of the Pharmacopoeia of India was published in the year
(a) 1947 (b) 1955 (c) 1966 (d) 1940
3. Ball mill works on the principle of
(a) Impact (b) Attrition (c) Impact and Attrition (d) None
4. The HLB system is used to classify
(a) Flavors (b) Colors (c) Surfactants (d) Perfumes
5. One tablespoonful is approximately equivalent to
(a) 15 ml (b) 10 ml (c) 8 ml (d) 5 ml
6. Dengue fever is caused by
(a) Bacteria (b) Virus (c) Fungi (d) Rickettsia
7. Rh factor of the blood was discovered by scientist
(a) Louis Pasteur (b) Landsteiner & Weiner (c) Janskey (d) Moss
8. β -lactam antibiotics are
(a) Penicillin (b) Cephalosporin (c) Both a & b (d) None
9. Erythromycin inhibits protein synthesis by
(a) Attaching to 30 S ribosome unit (b) Attaching to 50 S unit of ribosome
(c) By the attachment to t-RNA (d) By the attachment to m-RNA
10. Amoxicillin is combined with clavulanic acid to inhibit
(a) DNA gyrase (b) Cell synthesis (c) Protein synthesis (d) β -lactamase
11. AIDS virus is
(a) RNA virus (b) DNA virus (c) Retro virus (d) Entero virus
12. The drug of choice in anaphylactic shock is
(a) Histamine (b) Corticosteroid (c) Adrenaline (d) None
13. Enzymes are chemically
(a) Lipids (b) Proteins (c) Carbohydrates (d) none of these
14. Lysol is a
(a) Sterilant (b) Disinfectant (c) Antiseptic (d) Antifungal agent
15. List of minimum equipment for efficient running of a Pharmacy is given in Schedule

(a) P (b) M (c) C (d) N

16. The chairman of D.T.A.B. is

- (a) President of PCI (b) Drugs Controller General of India
(c) President of MCI (d) Director General of Health Services

17. The poison Act was passed in the year

- (a) 1857 (b) 1919 (c) 1940 (d) 1971

18. Government opium factory is situated at

- (a) Delhi (b) Mumbai (c) Hyderabad (d) Neemuch

19. Cobalt is essential component of

- (a) Vitamin B1 (b) Vitamin B6 (c) Vitamin B12 (d) all the above

20. Megaloblastic anaemia is caused by the deficiency of

- (a) Folic acid (b) Vitamin B6 (c) Iron (d) Protein

21. The prostaglandins are synthesized from

- (a) Arachidonic acid (b) Oleic acid (c) Linoleic acid (d) Linolenic acid

22. Genes are

- (a) RNA (b) DNA (c) Lipoprotein (d) Chromoprotein

23. Which among the following compounds is not a protein ?

- (a) Insulin (b) Heparin (c) Mucin (d) Pepsin

24. A carbohydrate, known commonly as invert sugar, is

- (a) Fructose (b) Sucrose (c) Glucose (d) Lactose

25. The daily caloric requirement for the adult male is about

- (a) 1500 (b) 2500 (c) 3000 (d) 4000

26. Wilson's disease is a condition of toxicosis of

- (a) Iron (b) Copper (c) Chromium (d) Molybdenum

27. Chloroquine is a

- (a) 4-amino quinoline (b) 8-amino quinoline (c) 6-amino quinoline (d) 6-methoxy quinoline

28. Metronidazole is used

- (a) As antitrichomonal agent (b) As antiamebic (c) To treat alcoholism (d) All the above

29. Alkaloids are soluble in

- (a) Water (b) Organic solvents (c) Water and organic solvents (d) Volatile oils

30. Glycosides on hydrolysis yield
(a) Amino acids (b) Steroidal compounds (c) A sugar & a non sugar portion (d) Glucose and lipids
31. Ondansetron is a
(a) Second generation antihistaminic (b) Drug for peptic ulcer (c) New antiarrhythmic (d) Antiemetic
32. Therapy of choice in Zollinger Ellison syndrome is
(a) Omeprazole (b) Ranitidin (c) Sucralfate (d) Carbenoxolone sodium
33. Loss of electrons means
(a) Oxidation (b) Reduction (c) Ionisation (d) None of the above
34. Ascorbic acid is a/an
(a) Reducing agent (b) Oxidising agent (c) Complexing agent (d) Catalyst
35. Wavelength of visible radiation ranges from
(a) 200nm-400nm (b) 100nm-200nm (c) 400nm- 800nm (d) 600nm-800nm
36. What is the pH value of 0.01 M of HCl ?
(a) 1.0 (b) 3.0 (c) 2.0 (d) 0.1
37. pH is equivalent to pKa at
(a) pH 7 (b) pH 1 (c) pH 14 (d) Half neutralization point
38. Gold Beater's skin test is used to detect the presence of
(a) Resins (b) Alkaloids (c) Tannins (d) Glycosides
39. Dog Senna is an adulterant of Senna which is obtained from
(a) Cassia auriculata (b) Cassia obovata (c) Cassia fistula (d) Cassia cinnamon
40. Chebulinic acid is one of the constituent of
(a) Amla (b) Bahera (c) Vidang (d) Myrobalan
41. The first generation Cephalosporin is
(a) Cefadroxil (b) Cefixime (c) Cefuroxime (d) Ceftazidime
42. "Yellow Pigmentation of teeth" is due to the adverse effect of
(a) Chloroquine (b) Aspirin (c) Rifampicin (d) Tetracycline
43. Most volatile oils are rich in
(a) Monotrepnes (b) Diterpenes (c) Carotenoids (d) Benonoids
44. The protein present in hair is
(a) Keratin (b) Elastin (c) Myosin (d) Tropocollagen

45. Drugs which interfere with the bacterial cell wall synthesis is
(a) Chloramphenicol (b) Tetracyclines (c) Colistin (d) Penicillins and Cephalosporins
46. In Cotrimoxazole, Sulphamethoxazole and Trimethoprim are in ratio of
(a) 2:1 (b) 1:5 (c) 1:1 (d) 5:1
47. What is Losartan ?
(a) ACE inhibitor (b) Angiotensin II receptor antagonist
(c) Angiotensin II receptor (d) Active form of Lisinopril
48. Which of the following is a steroidal antibiotic?
(a) Nalidixic acid (b) Fusidic acid (c) Spectinomycin (d) Nitrofurantoin
49. Bile is produced by
(a) Liver (b) Gall bladder (c) Pancreas (d) Intestine
50. Body water is regulated by the hormone
(a) Oxytocin (b) ACTH (c) FSH (d) Epinephrine
51. Haemoglobin formation needs both
(a) Iron and Zinc (b) Iron and Calcium (c) Iron and Copper (d) Iron and Magnesium
52. Which of the following is a first-line drug to treat tuberculosis?
(a) PAS (b) Rifampicin (c) Ethionamide (d) Cycloserine
53. Vitamin A and D ointment is useful in treating
(a) Rickets (b) Avitaminosis (c) Puncture wounds (d) Minor burn and skin irritation
54. The most common disintegrator in compressed tablets is
(a) Dextrose (b) Lactose (c) Starch (d) Powdered sucrose
55. T-cells are produced from
(a) Bone marrow (b) Thymus (c) Spleen (d) None
56. The sweetening agent commonly used in the chewable tablet formula is
(a) Sucrose (b) Cyclamate sodium (c) Saccharine sodium (d) Mannitol
57. Water attack test is used to identify the alkalinity in
(a) Type I glass (b) Type II glass (c) Type III glass (d) All the three types
58. The pH of a pharmaceutical buffer system can be calculated by
(a) pH partition theory (b) Noyes-Whitney law
(c) Henderson-Hasselbalch equation (d) Michaelis-Menten equation

59. Water for injection differs from sterile distilled water as it is free from

- (a) Carbon dioxide (b) Pyrogens (c) Preservatives (d) Antioxidant

60. Which of the following commonly available large volume dextrose solution for IV use is isotonic?

- (a) 2.5% w/v (b) 5.0% w/v (c) 10% w/v (d) 20% w/v