

166/2016

Maximum : 100 marks

Time : 1 hour and 15 minutes

1. Chemical composition of asbestos :
(A) Cellulose (B) Aluminosilicate
(C) Silica (D) Carbon dioxide
2. Which among the following is classified as folate antagonist :
(A) Methotrexate (B) Quinine
(C) Primaquine (D) Chloroquine
3. Gynaecomastia may be the possible side effects of one of the following drug :
(A) Ketoconazole (B) Bromocriptine
(C) Clotrimazole (D) Sulphonamide
4. When at least 51% shares of business organisation are in the hands of government it is called?
(A) Public corporation (B) Government company
(C) Public company (D) Departmental organisation
5. Myristicin is a chemical constituent of :
(A) Cinnamon (B) Senna
(C) Nutmeg (D) Digitalis
6. A cationic surfactant is :
(A) Polysorbate 80 (B) Cetrimide
(C) Sodium dodecanoate (D) Sorbitan monooleate
7. Which type of mill is used for grinding sulphonamide drug?
(A) Ball mill (B) Cutter mill
(C) Hammer mill (D) Fluid energy mill

8. Mail order business is :
- (A) Wholesale trade (B) Retail trade by post
(C) Direct selling trade (D) Retail trade
9. Which drug is used for the detection of boric acid?
- (A) Turmeric (B) Benzoin
(C) Myrrh (D) Tolu balsam
10. A strong dog poison is :
- (A) Brucine (B) Strychnine
(C) Ephedrine (D) Hyoscyamine
11. The ability of the firm to meet its current liability is measured by :
- (A) Solvency ratio (B) Liquidity ratio
(C) Activity ratio (D) Profitability ratio
12. Drugs which increases respiratory tract fluid is called :
- (A) Expectorant (B) Linctuses
(C) Laxatives (D) Syrups
13. Precursor glycoside of digitoxin :
- (A) Purpurea glycoside A (B) Purpurea glycoside B
(C) Lanatoside A (D) Lanatoside B
14. Storage condition for dried plasma :
- (A) In a cool place (B) In a well closed container
(C) At a temperature not exceeding 25° C (D) Between 2° C and 10° C
15. Aloe contain barbaloin which is a :
- (A) C- glycoside (B) S- glycoside
(C) D- glycoside (D) H- glycoside
16. An example of cholinomimetic alkaloid is :
- (A) Pilocarpine (B) Methacholine
(C) Neostigmine (D) Carbachol

17. Beta blocker with membrane stabilizing activity :
- (A) Propranolol (B) Timolol
(C) Atenolol (D) Esmolol
18. A journal is a book of :
- (A) Original entry (B) Secondary entry
(C) Cash transaction (D) Petty cash transaction
19. A resin of animal origin :
- (A) Benzoin (B) Shellac
(C) Glycoresin (D) Gujuresinol
20. All the particles passes through a sieve No. 44 and not more than 40% through a sieve No.85 called as :
- (A) Coarse particles (B) Moderately coarse particles
(C) Moderately fine particles (D) Fine particle
21. Vein Islet number of Digitalis Purpurea :
- (A) 8 - 12 (B) 15 - 26
(C) 2 - 5.5 (D) 19 - 23
22. Plant constituent used in the preparation of mosquito coils :
- (A) Rauwolfia (B) Ergot
(C) Pyrethrum (D) Aconite
23. Richest source of Lecithin :
- (A) Meat (B) Egg yolk
(C) Fish (D) Milk
24. Mevalonic acid formation is catalysed by the enzyme :
- (A) Acetyl CoA (B) Mevalonate kinase
(C) HMG CoA reductase (D) Phosphomevalonate

25. Enzyme referred as spreading factor :
- (A) Heparin (B) Chondriotin
(C) Hyalouronidase (D) Iduronic acid
26. The ex - officio member of Pharmacy Council of India is :
- (A) Teacher in Pharmacology (B) A member from MCI
(C) A representative of UGC (D) Director of CDL
27. Casein is an example of :
- (A) Nucleoproteins (B) Phosphoproteins
(C) Chromoproteins (D) Lipoproteins
28. Immunoglobulin found on lymphocyte surface of new born :
- (A) IgD (B) IgA
(C) IgM (D) IgG
29. Antigenic preparations made from extra cellular toxins :
- (A) Vaccines (B) Toxoids
(C) Endotoxins (D) Sera
30. Enzyme which is used in the treatment of leukaemia :
- (A) Urokinase (B) Streptokinase
(C) Asparaginase (D) Pepsin
31. One tea spoon full is :
- (A) 15 ml (B) 4 ml
(C) 0.06 ml (D) 3 ml
32. A drug consist, in full or in whole or in part, of any filthy, putrid or decomposed substance :
- (A) Adulterated drug (B) Spurious drug
(C) Misbranded drug (D) Patent drug
33. Standards of disinfectant fluid comes under :
- (A) Schedule O (B) Schedule P
(C) Schedule M (D) Schedule N

34. Which vitamin is known as antisterility factor?
- (A) Vitamin K (B) Vitamin D
(C) Vitamin E (D) Vitamin A
35. Sodium chloride injection IP contains :
- (A) 0.9% Sodium Chloride (B) 0.1% Sodium Chloride
(C) 0.86% Sodium Chloride (D) 0.45% Sodium Chloride
36. An opaque covering agent used in bleaches :
- (A) Catechol (B) Quinoline
(C) Titanium dioxide (D) Hydrogen peroxide
37. Which one of the following dryer is known as Lyophiliser?
- (A) Drum dryer (B) Fluidized bed dryer
(C) Freeze dryer (D) Spray dryer
38. Autoclaving of ampoules in a dye bath as :
- (A) Clarity testing (B) Pyrogen testing
(C) Leaker testing (D) Sterility testing
39. High count of WBC's is an indication of :
- (A) Influenza (B) Measles
(C) Leukaemia (D) Typhoid
40. Example of an antioxidant :
- (A) Caffeine (B) Orinase
(C) Doxidan (D) Gallic acid
41. Isotonic vehicle used to prepare ophthalmic solution :
- (A) Benzalkonium chloride (B) Polysorbate 20
(C) Dioctyl sodium (D) 1.9% Boric acid
42. Repeated administration of drug results in cell receptor blockage. This is known as :
- (A) Tachyphylaxis (B) Tolerance
(C) Idiosyncrasy (D) Synergism

43. Sterilization by autoclaving :
- (A) Dry heat sterilization (B) UV radiation
(C) Moist heat sterilization (D) Bactericidal sterilization
44. Keller — Killiani test is the identification test for :
- (A) Digitalis (B) Senna
(C) Aloe vera (D) Cinnamon
45. THC is a constituent found in the plant :
- (A) Senna (B) Nux vomica
(C) Opium (D) Cannabis
46. Which is the highly perfused organ in the body?
- (A) Liver (B) Heart
(C) Brain (D) Lungs
47. Diatomaceous earth is the other name of :
- (A) Talc (B) Kaolin
(C) Bentonite (D) Kieslghur
48. Cotton consists of epidermal trichomes of species :
- (A) Gossypium herbaceum (B) Cannabis sativa
(C) Bombyx morii (D) Glycyrrhiza glabra
49. The working principle of hammer mill :
- (A) Impact (B) Impact and attrition
(C) Attrition (D) Crushing
50. Partial or complete removal of top or bottom of a tablet is known as :
- (A) Capping (B) Picking
(C) Sticking (D) Mottling
51. Mother clove is an adulterant of :
- (A) Cardamom (B) Clove
(C) Pepper (D) Fennel

52. Tablets are designed to exert local effect in throat :
- (A) Buccal tablets (B) Sublingual tablet
(C) Dental cones (D) Lozenges
53. A plant drug which lowers blood pressure :
- (A) Vasaka (B) Neem
(C) Rauwolfia (D) Tulsi
54. The minimum required area to open a retail drug store is :
- (A) 15 sqm (B) 10 sqm
(C) 40 sqm (D) 60 sqm
55. Enteric coated tablets are designed to release medicament in :
- (A) Stomach (B) Colon
(C) Small intestine (D) Large intestine
56. Dryer used for the production of milk powder :
- (A) Drum dryer (B) Tray dryer
(C) Spray dryer (D) Tunnel dryer
57. Vapaside is an insecticide which is formulated from :
- (A) Neem (B) Tulsi
(C) Pyrethrum (D) Vasaka
58. Jesuit's bark is the synonym of :
- (A) Cinnamon (B) Kurchi
(C) Cinchona (D) Aswagandha
59. Renin a proteolytic enzyme which is produced in :
- (A) Brain (B) Liver
(C) Spleen (D) Kidney
60. An example of potassium sparing diuretics :
- (A) Mannitol (B) Acetazolamide
(C) Triameterene (D) Chlorthalidone

61. Alkylating agent used as antineoplastic drug :
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| (A) Doxorubicin | (B) Methotrexate |
| (C) Vinblastine | (D) Nitrogen mustard |
62. Abrasive agent used in dentifrices :
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| (A) Sodium fluoride | (B) Selenium sulphide |
| (C) Zinc sulphate | (D) Calcium carbonate |
63. First line agent used in Tuberculosis :
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|-----------------|-----------------|
| (A) Kanamycin | (B) Isoniazid |
| (C) Ethionamide | (D) Cycloserine |
64. Reagent used for the identification of cellulose :
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|---------------------------|-----------------------|
| (A) Vanurk's reagent | (B) Zeisel reagent |
| (C) Dragendroff's reagent | (D) Fehling's reagent |
65. Drug used in uterine inertia :
- | | |
|-----------------|-----------------|
| (A) Tyrothricin | (B) Terbinafine |
| (C) Oxytocin | (D) Miconazole |
66. Dimethicone is the other name of :
- | | |
|----------------------|-----------------|
| (A) Titanium dioxide | (B) Calamine |
| (C) Zinc stearate | (D) Silicon oil |
67. Drug used in ulcerative colitis :
- | | |
|-------------------|--------------------|
| (A) Gefarnate | (B) Sucralfate |
| (C) Sulfasalazine | (D) Metoclopramide |
68. Drug that act by lowering the plasma LDL level :
- | | |
|----------------|--------------|
| (A) Clofibrate | (B) Probucol |
| (C) Loperamide | (D) Aspirin |
69. Other name of regenerated cellulose :
- | | |
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| (A) Wool | (B) Hemp |
| (C) Silk | (D) Rayon |

70. An example of rapidly acting anticoagulant :
- (A) Warfarin (B) Phenindione
(C) Propranolol (D) Heparin
71. Water soluble constituent of Ergot :
- (A) Ergotamine (B) Ergometrine
(C) Ergosine (D) Ergocryptine
72. Yeast is the richest source of :
- (A) Vitamin C (B) Vitamin B
(C) Vitamin D (D) Vitamin A
73. Drug used to test gastric acid secretion :
- (A) Dexamethasone (B) Tyramine
(C) Mannitol (D) Histamine
74. Shick test is performed to test the degree of immunity against :
- (A) Tuberculosis (B) Tetanus
(C) Rabies (D) Diphtheria
75. Example of ultra short acting barbiturates :
- (A) Enflurane (B) Ketamine
(C) Thiopental sodium (D) Propofol
76. Rasping method is used to prepare :
- (A) Arachis oil (B) Clove oil
(C) Olive oil (D) Lemon oil
77. Chemical name of plaster of paris :
- (A) Magnesium sulphate (B) Calcium carbonate
(C) Magnesium carbonate (D) Calcium sulphate
78. Which one of the following is a beta - lactamase inhibitor?
- (A) Sulfonamide (B) Chloroquine
(C) Primaquine (D) Sulbactam