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1. Drug obtained from plant source
 - (1) Reserpine
 - (2) Penicillin
 - (3) Ethanol
 - (4) Sulfamethoxazole

2. Ulcer healing agent useful in peptic ulcer treatment
 - (1) Omeprazole
 - (2) Aluminium hydroxide
 - (3) Ranitidine
 - (4) Sucralfate

3. Site of action for anti emetics
 - (1) Basal ganglia
 - (2) Spinal chord
 - (3) Chemoreceptor trigger zone
 - (4) Cerebral hemispheres

4. In a prescription-D5W-means
 - (1) Distilled water 5 ml
 - (2) Daily-5-times
 - (3) 5 drops of water
 - (4) Dextrose 5% in water

5. Example for incompatibility due to chemical reaction
 - (1) Potassium iode + Emetine
 - (2) NaCl + KCl
 - (3) Atropine + Acetylcholine
 - (4) Resinous tincture + Water

6. In a prescription '-gtt'- indicates
 - (1) Syrup
 - (2) Tablet
 - (3) Drops
 - (4) Creams

7. Why sodium thiosulfate is added to eye drops?
 - (1) As stabilizing agent
 - (2) As reducing agent
 - (3) As buffering agent
 - (4) As vehicle

8. What is liquor in prescription order?
 - (1) Ethyl alcohol
 - (2) Solution
 - (3) Mixture
 - (4) Syrup

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9. What is-ter in die-in prescription?

- (1) once in three days
- (2) three tablets at a time
- (3) three times a day
- (4) two or three times a day

10. Ophthalmic products include all except

- (1) solution for instilling into the conjunctival sac
- (2) solution for lubricating contact lens
- (3) solution for bathing the eye
- (4) night blindness preventing drugs

11. For calculating child dose-drilling's formula is

- (1) $\frac{\text{Age}}{\text{Age} + 12} \times \text{Adult Dose}$
- (2) $\frac{\text{Age}}{\text{Age} + 20} \times \text{Adult dose}$
- (3) $\frac{\text{Age}}{20} \times \text{Adult dose}$
- (4) $\frac{25}{100} \times \text{Adult dose}$

12. In a prescription-sexies die (sex.d.). means

- (1) six times a day
- (2) give to males only
- (3) give to females only
- (4) can be given to males or females

13. British pharmacopoeia

- (1) is a book of standards
- (2) gives list of drugs used in the country
- (3) enumerates pharmaceutical companies
- (4) is a therapeutic index

14. What is a sedative?

- (1) Produces sleep
- (2) Produces hypnotic effect
- (3) Relieves convulsions
- (4) Produces calming effect

15. Zinc-oxide bandage is

- (1) Adhesive bandage
- (2) Impregnated bandage
- (3) Elastic bandage
- (4) Non elastic bandage

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16. In a prescription order inscription denotes
- (1) Guidelines to the patient
 - (2) Guidelines to the pharmacist
 - (3) Address of patient
 - (4) Address of prescriber
17. Example for physical incompatibility
- (1) Alkali + Acid
 - (2) Alkaloid + Acid
 - (3) Magnesium hydroxide + acid
 - (4) Castor oil + water
18. 'qs' in a prescription means
- (1) every hour
 - (2) sufficient quantity
 - (3) every time
 - (4) every day
19. In a prescription what is the abbreviation for every day
- (1) q i d
 - (2) q o d
 - (3) q d
 - (4) q
20. What is the meaning of -ou- in a prescription?
- (1) one unit
 - (2) once a day
 - (3) orally
 - (4) both eyes
21. What is 'sos' in a prescription order?
- (1) if needed
 - (2) subcutaneous
 - (3) without
 - (4) at once
22. Sterilizing the eye drops are done by following methods except
- (1) heating in an autoclave
 - (2) filtration
 - (3) adding an antiseptic
 - (4) maintaining at 98°C for 30 minutes

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23. Non disposable glass apparatus can be sterilized by the following methods except
- (1) boiling in water for 30 mts.
 - (2) hot air oven
 - (3) infrared convertor oven
 - (4) forced convection gas oven
24. Anti-anxiety agent
- (1) imipramine
 - (2) chlorpromazine
 - (3) thiopentone
 - (4) diazepam
25. What is ranitidine?
- (1) H-2-Receptor antagonist
 - (2) H-1-Receptor blocker
 - (3) H-3-Receptor antagonist
 - (4) H-4-Receptor antagonist
26. Opioid derivative used in cough syrup
- (1) Pentazocine
 - (2) Diphenoxylate
 - (3) Noscapine
 - (4) Buprenorphine
27. How many drops constitute 1 ml?
- (1) 5
 - (2) 10
 - (3) 15
 - (4) 20
28. Ounce by volume is equal to
- (1) 30 ml
 - (2) 60 ml
 - (3) 90 ml
 - (4) 15 ml
29. Preservative used in eye drops include all except
- (1) Benzalkonium
 - (2) Orthotoluene
 - (3) Chlorocresol
 - (4) Thiomerical
30. Example for osmotic purgative
- (1) Magnesium sulfate
 - (2) Liquid paraffin
 - (3) Phenolphthalein
 - (4) Castor oil

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31. Drugs useful in peptic ulcer all except

- (1) Aluminium hydroxide gel
- (2) Magnesium sulfate
- (3) Magnesium trisilicate
- (4) Magnesium hydroxide

32. In a prescription qid means

- (1) Four times a day
- (2) Quantity sufficient
- (3) One fourth ounce
- (4) Every other day

33. In a prescription 'post cibum' means

- (1) Before food
- (2) After food
- (3) As directed
- (4) Occasionally

34. Material tested for microbial contamination include all except

- (1) Catgut
- (2) Human blood and blood products
- (3) Phenol
- (4) Eye drops

35. Formula to calculate dose proportionate to surface area of the body

- (1) $\frac{\text{surface area of child}}{\text{surface area of adult}} \times \text{Adult dose}$
- (2) $\frac{\text{surface area of child}}{100} \times \text{Adult dose}$
- (3) $\frac{\text{surface area of child}}{\text{surface area of adult}} \times 100 \text{ Adult dose}$
- (4) $\frac{\text{surface area of adult}}{\text{age of child}} \times \text{Adult dose}$

36. 1 gram is equal to how many grains?

- (1) 60
- (2) 15
- (3) 30
- (4) 10

37. Pharmaceuticals may be contaminated by all except

- (1) dust
- (2) free organisms
- (3) poisonous gases
- (4) droplets

38. International pharmacopoeia is published by

- (1) UNCTAD
- (2) WHO
- (3) UNESCO
- (4) UNICET

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39. Tablespoon is equal to

- (1) 5 ml
- (2) 10 ml
- (3) 15 ml
- (4) 30 ml

40. One quart is equal to

- (1) 250 ml
- (2) 500 ml
- (3) 750 ml
- (4) 1000 ml

41. As per narcotic drugs act, 'controlled substance' means

- (1) drug banned by states
- (2) drug notified in the central government gazette
- (3) drug dispensed by registered medical practitioner's order
- (4) drug included in controlled price list

42. What is blood brain barrier?

- (1) capillaries of the brain
- (2) fourth ventricles
- (3) third ventricle
- (4) first ventricle

43. Broad spectrum anthelmintic

- (1) piperazine citrate
- (2) albendazole
- (3) niclosamide
- (4) tetrachloro ethylene

44. 'BID' in a prescription means

- (1) Twice a day
- (2) Thrice a day
- (3) Two spoons
- (4) Two tablets

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45. Drug obtained by recombinant DNA technology

- (1) tetanus toxoid
- (2) penicillin
- (3) human insulin
- (4) zidovudine

46. Why thickening agents are used in eye drops?

- (1) Promote tears
- (2) Wash and clean eyes
- (3) Prolong contact with the eye
- (4) Lubricating the contact lens

47. Macrolide antibiotic

- (1) Clarithromycin
- (2) Streptomycin
- (3) Ciprofloxacin
- (4) Chloramphenicol

48. Centrally acting muscle relaxant

- (1) Halothane
- (2) 2-Tubocurarine
- (3) Mephensin
- (4) Succinyl choline

49. Young's formula for calculating child dose

- (1) Age in years + 20 × Adult dose
- (2) Age (Years) + Age + 12 × Adult dose
- (3) Age in years + $\frac{1}{2}$ × Adult dose
- (4) Age in years + Age + 12 × $\frac{1}{2}$ × Adult dose

50. Drug obtained from animal source

- (1) Dicoumarol
- (2) Heparin
- (3) Insulin-human
- (4) Cocaine

51. Bactericidal agent

- (1) Sulfadoxin
- (2) Ceftriaxone
- (3) Tetracycline
- (4) Chloramphenicol

52. Malaria is caused by

- (1) Plasmodium vivax
- (2) Entamoeba histolytica
- (3) Wuchereria bancrofti
- (4) Necator americana

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53. Synthetic drug
- (1) Atropine
 - (2) Aspirin
 - (3) Iodine
 - (4) Magnesium sulphate
54. What is the abbreviation to denote 'after food' in a prescription?
- (1) P.C.
 - (2) P.F.
 - (3) Prn.
 - (4) P.R.
55. The number of parts by weight of the medicament that displaces one part by weight of the base
- (1) Calibration
 - (2) Displacement value
 - (3) Paratonicity
 - (4) Isotonicity
56. Blankets can be sterilized by
- (1) Dry heat method
 - (2) Ethylene oxide treatment
 - (3) Autoclaving
 - (4) Ionizing radiation
57. Antifungal agent
- (1) Griseofulvin
 - (2) Silver sulfadiazine
 - (3) Ribavirin
 - (4) Neosporin
58. Book of reference published by the British pharmacological society on drugs and pharmaceutical substances
- (1) British National Formulary
 - (2) British Pharmaceutical Codex
 - (3) British Pharmacopoeia
 - (4) British Therapeutic Index
59. Systemic antacid
- (1) Aluminium hydroxide gel
 - (2) Magnesium sulfate
 - (3) Sodium bicarbonate
 - (4) Magnesium hydroxide gel
60. Spread of chicken pox is by
- (1) Droplet infection
 - (2) Body fluids
 - (3) Contaminated foods
 - (4) Direct contact

61. Penicillinase resistant penicillin

- (1) Benzyl penicillin
- (2) Cloxacillin
- (3) Amoxycillin
- (4) Ampicillin

62. Gloves are sterilized by

- (1) Ethylene oxide
- (2) Hot air oven method
- (3) Dry heat
- (4) Radiant heat

63. Analgesic from opium poppy

- (1) Diazepam
- (2) Morphine
- (3) Aspirin
- (4) Diclofenac

64. What are the sources of contamination include all except?

- (1) The breath
- (2) The hands
- (3) Atmosphere
- (4) Fumigants

65. Anti-emetic

- (1) Metoclopramide
- (2) Ethionamide
- (3) Ranitidine
- (4) Apomorphine

66. Drug useful in hepatic amoebiasis

- (1) Chloroquine
- (2) Tetracycline
- (3) Mebendazole
- (4) Pyrantel pamoate

67. Effect of injecting hypotonic saline intravenously

- (1) Damage to venous walls
- (2) Raise in the blood pressure
- (3) Hemolysis
- (4) Diuresis

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68. 'R' in a prescription means

- (1) Repeat
- (2) Rectify
- (3) Take
- (4) Supply

69. Prevention of illicit traffic in narcotic and psychotropic drugs act was enacted in

- (1) 1986
- (2) 1987
- (3) 1988
- (4) 1989

70. Ciprofloxacin is drug of choice in

- (1) Tonisilitis
- (2) Urinary tract infections
- (3) Fungal infections
- (4) Scabies

71. 'AC' means in a prescription

- (1) before rising
- (2) before food
- (3) shake well
- (4) water

72. Preservative useful in eye drops

- (1) Mercuric chloride
- (2) Chlorine water
- (3) Bromine water
- (4) Phenyl mercuric nitrate

73. Drug useful in petitmal epilepsy

- (1) Phenytoin sodium
- (2) Ethosuximide
- (3) Carbamazepine
- (4) Phenobarbitone

74. Narcotic drugs and psychotropic drugs act, 1985, came into effect on

- (1) 1.1.1985
- (2) 14.11.1985
- (3) 26.1.1986
- (4) 14.11.1986

75. U.S.P. stands for

- (1) United States Pharmacopoeia
- (2) United Nations Pharmacopoeia
- (3) Unsaturated Solutions and Powders
- (4) United States National Formulary

76. Fluoro quinolones include all except

- (1) Ofloxacin
- (2) Sparfloxacin
- (3) Pefloxacin
- (4) Cloxacillin

77. What is 'SS' in a prescription?

- (1) solution saturated
- (2) syrupy solution
- (3) one hale
- (4) when needed

78. Calcium channel blocker useful in angina

- (1) Atewolol
- (2) Aspirin
- (3) Nifedipine
- (4) Nitroglycerine

79. Proton pump inhibitor

- (1) Sucralfate
- (2) Milk of magnesia
- (3) Ranitidine
- (4) Omeprazole

80. Broad spectrum antibiotic

- (1) Ampicillin
- (2) Cefazolin
- (3) Doxycycline
- (4) Clarithromycin

81. In a prescription 'signature' means

- (1) Doctor's initials
- (2) Patient's initials
- (3) Instructions to the patient
- (4) Pharmacist's initials

82. What is the meaning of 'pru' in a prescription?

- (1) per rectum normally
- (2) when needed
- (3) per oral normally
- (4) post lunch

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83. Semi-synthetic drug
- (1) Penicillin-G
 - (2) Ampicillin-N
 - (3) Rifamycin-B
 - (4) Streptomycin
84. Cardiac glycoside
- (1) Enalapril
 - (2) Hydralazine
 - (3) Digoxin
 - (4) Hydrochlorothiazide
85. Antineoplastic drug
- (1) Methotrexate
 - (2) Piperazine citrate
 - (3) Amantadine
 - (4) Co-Trimoxazole
86. Therapeutic use of hypertonic solution injection
- (1) Hypovolemic shock
 - (2) For lysing the RBC
 - (3) To cause damage to vein an occlusion
 - (4) For dissolving powers for injection
87. Digitalis is useful in
- (1) Hypertension
 - (2) Angina
 - (3) Hypotension
 - (4) Congestive heart failure
88. One teaspoonful is equal to
- (1) 30 ml
 - (2) 15 ml
 - (3) 10 ml
 - (4) 5 ml
89. In a prescription 'signa' means
- (1) signatures
 - (2) signs and symptoms
 - (3) single items
 - (4) label
90. Retroviral infection
- (1) Small pox
 - (2) Influenza
 - (3) HIV
 - (4) Cytomegalovirus

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91. 'Unguentum' means

- (1) cream
- (2) lotion
- (3) ointment
- (4) plaster

92. What is rectified spirit?

- (1) 75% ethanol
- (2) 100% ethanol
- (3) 90% ethanol
- (4) 50% ethanol

93. In a prescription 'vespere' means

- (1) Talk in whisper
- (2) Russel's viper
- (3) In the evening
- (4) At the morning

94. Functions of sympathetic system include all except

- (1) Dilatation of the pupil
- (2) Constriction of the pupil
- (3) Conversion of glycogen to glucose in liver
- (4) Production of sweat

95. Antihypertensive agent

- (1) Amphetamine
- (2) Adrenaline
- (3) Salbutamol
- (4) Propranolol

96. One kilo gram is equal to

- (1) 2.2 pounds
- (2) 3.0 pounds
- (3) 3.3 pounds
- (4) 4 pounds

97. What is strophanthus?

- (1) Diuretic
- (2) Antianemic
- (3) Cardiac glycoside
- (4) Antianginal

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98. Drugs classified under narcotic drugs and psychotropic agents include all except

- (1) Ephedrine
- (2) Cocaine
- (3) Heroin
- (4) Hashish

99. Dapsone is useful in

- (1) Tuberculosis
- (2) Leprosy
- (3) Malabsorption syndrome
- (4) AIDS

100. Vehicles in ophthalmic drops include all except

- (1) ethanol
- (2) isotonic phosphate
- (3) special boric acid
- (4) boric acid

101. Zidovudine is used in chemotherapy of

- (1) Acute immuno deficiency syndrome
- (2) Small pox
- (3) Influenzal pneumonia
- (4) Bronchogenic carcinoma

102. In what disease heart fails as a pump?

- (1) Angina pectoris
- (2) Hepatic coma
- (3) Congestive cardiac failure
- (4) Nephrotic syndrome

103. In a prescription 'OID' means

- (1) one fourth
- (2) one quart
- (3) once in four days
- (4) four times a day

104. Catgut is sterilized by

- (1) Dry heat method
- (2) Autoclavin
- (3) Ionizing radiation
- (4) Chemical method

105. Example for Type I hyper sensitivity reaction

- (1) Complement mediated cell damage
- (2) IgE mediated reaction
- (3) Serum sickness
- (4) Cell mediated immunity reaction

106. What is the normal cardiac output?

- (1) 1 litre/minute
- (2) 2 litres/minute
- (3) 4 litres/minute
- (4) 5 litres/minute

107. Enzyme responsible for conversion of glucose to glucose-6-PO₄

- (1) glycogen synthase
- (2) G-6-Phosphatase
- (3) Glucokinase
- (4) Phosphorylase

108. Containers for eye drops should be having all the properties except

- (1) child proof
- (2) preserving the stability of contents
- (3) not adversely affect contents
- (4) withstand sterilization

109. In a prescription what is 'bi terne in die' (b t i d)

- (1) best taken in day time
- (2) taken at bed time
- (3) take tablet with breakfast
- (4) two or three times a day

110. One of the following is not a Parasympathetic response

- (1) contracts intestinal smooth muscle
- (2) increases heart rate
- (3) decrease heart rate
- (4) stimulates gastric secretions

111. Anti-anginal agent

- (1) hydrochlorothiazide
- (2) reserpine
- (3) glyceryl trinitrate
- (4) sodium thiosulphate

112. Method of sterilizing metal instruments

- (1) Adding antiseptic solution
- (2) Steam under pressure
- (3) Hot air oven
- (4) Radioactive isotopes

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113. Lysins are antibodies

- (1) which neutralize toxins
- (2) cause germs to stick together
- (3) kills organism by causing them to burst open into fragments
- (4) combine with antigens on the outer surface of germs

114. In a prescription 'STAT' means

- (1) straight
- (2) one half
- (3) at once
- (4) single tablet at a time

115. Vasodilator anti-hypertensive

- (1) sodium nitro prusside
- (2) propranolol
- (3) verapamil
- (4) digokin

116. In a prescription H.S. Hora Somne means

- (1) evening time
- (2) after dinner
- (3) at bed time
- (4) before and after lunch

117. Complement is

- (1) system of enzymes producing lysis of cells
- (2) haptens which stimulate immuno reaction
- (3) globulin conferring immunity
- (4) vaccine

118. Gastro intestinal hormones include all except

- (1) Gastrin
- (2) Chole cystokinin
- (3) Secretin
- (4) Angiotensin

119. Blood pressure is regulated by all except

- (1) Vasomotor centre
- (2) Aortic baro receptors
- (3) Juxtaglomerular cells
- (4) Loop of henle

120. Normal saline

- (1) 10% sodium chloride
- (2) 20% sodium chloride
- (3) 0.9% sodium chloride
- (4) 0.1% sodium chloride

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121. Facilitated diffusion of glucose takes place in all sites except

- (1) skeletal muscle
- (2) adipose tissue
- (3) insulin dependant tissues
- (4) renal tubules

122. Transmitter in sympathetic system

- (1) acetylcholine
- (2) nor-adrenaline
- (3) glutamine
- (4) glycine

123. Uses of isotonic saline does not include

- (1) I.V. injection
- (2) Intra-cutaneous injection
- (3) Sub-cutaneous injection
- (4) Injection into varicose veins

124. Reflex arc functions at the level of

- (1) cerebellum
- (2) cerebral hemispheres
- (3) medulla
- (4) spinal cord

125. Increased frequency of defecation and water content in stools is called

- (1) Constipation
- (2) Diarrhea
- (3) Steatorrhea
- (4) Malena

126. Hypothalamic function includes all except

- (1) regulation of posterior pituitary
- (2) regulation of anterior pituitary
- (3) control of reproduction
- (4) control of respiration

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127. Pulmonary tuberculosis spreads by

- (1) insect vectors
- (2) indirect contact
- (3) droplet infection
- (4) direct contact

128. Which vessel is highly muscular?

- (1) capillary
- (2) vein
- (3) lymphcapillary
- (4) artery

129. Antidiarrheal agents include all except

- (1) Kaolin
- (2) Pectin
- (3) Diphenoxylate
- (4) Magnesium sulfate

130. What is myocardial infarction?

- (1) Pain due to ischemic death of myocardium
- (2) Pain decreased heart rate
- (3) Pain to due increased blood pressure
- (4) Pain to due heart failure

131. Antibodies are

- (1) immunogens
- (2) haptens
- (3) immuno globulins
- (4) allergens

132. Respiratory center is present in

- (1) Cerebral hemisphere
- (2) Hypothalamus
- (3) Pons
- (4) Medulla

133. Under aerobic conditions pyruvic acid is metabolized to CO_2 and H_2O through

- (1) Embden Meyer's pathway
- (2) Citric acid cycle
- (3) Lactic acid pathway
- (4) H.M.P. Shunt

134. Action of vagus on heart

- (1) Tachycardia
- (2) Bradycardia
- (3) Increased force
- (4) Increased A - V conduction

135. Drug useful tape infestation

- (1) Penicillin
- (2) Niclosamide
- (3) Metronidazole
- (4) Tetrachloro ethylene

136. Bacteriostatic agent

- (1) Ceftriaxone
- (2) Gentamicin
- (3) Cotrimoxazole
- (4) Chloramphenicol

137. In a prescription super scription includes

- (1) Active ingredient
- (2) Prescribers particulars
- (3) Instructions to the patient
- (4) Warning

138. Publication of British Medical Association and pharmaceutic society for prescribers and pharmacists in National Health Services

- (1) British pharmacopoeia
- (2) British pharmacopoeia codex
- (3) British National Formulary
- (4) British therapeutic index

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139. NSAID

- (1) Aspirin
- (2) Diazepam
- (3) Chloroquin
- (4) Morphine

140. Vaccine that can afford protection against tuberculosis and leprosy

- (1) Salk's vaccine
- (2) B.C.G. vaccine
- (3) Sabin's vaccine
- (4) Tuberculin

141. What type of solution is normal saline?

- (1) Hypertonic
- (2) Isotonic
- (3) Paratonic
- (4) Hypotonic

142. Oral vaccine

- (1) Hepatitis-A
- (2) Hepatitis-B
- (3) Salk's vaccine
- (4) Sabin's vaccine

143. Example for a narrow spectrum antibiotic

- (1) Doxy cycline
- (2) Mino cycline
- (3) Methacycline
- (4) Benzyl penicillin

144. What is co-trimoxazole?

- (1) Penicillin + Sulfadimidine
- (2) Sulfadoxine + Pyrimethamine
- (3) Sulfamethoxazole + Trimethoprim
- (4) Triple sulfa

145. What is a Tabella in prescription?

- (1) Table spoon
- (2) Tablet
- (3) Table salt
- (4) Transdermal patch

146. Oxyntic cells of gastric mucosa secrete

- (1) Pepsin
- (2) HCL
- (3) Gastrin
- (4) Amylase

147. Enteric nervous system controls the following function of G.I.T.

- (1) Hunger
- (2) Nausea and Vomiting
- (3) Secretion and Motility
- (4) Appetite suppression

148. Example for passive immunity

- (1) antitetanic serum
- (2) tetanus toxoid
- (3) polio vaccine
- (4) hepatitis vaccine

149. Saline purgative

- (1) Isapgol
- (2) Phenolphthalein
- (3) Castor oil
- (4) Magnesium sulfate

150. What is a liniment?

- (1) Liquid medicament applied with friction on the affected area
- (2) Liquid medicament applied as a paint
- (3) Liquid medicament as enema
- (4) Liquid medicament given orally