

TEST-PAPER

TIME:-02:00 hrs

PHARMACIST

M:M:-100

DATE:-09-09-18 (SUNDAY)

Note :- (1) All questions carry equal marks

(2) Each wrong answer of question has negative marking $\frac{1}{3}$

(3) Minimum passing marks 40%

(4) Paper contain 100 questions

1. Therapeutic index is Measure of -
 (a) Safety (b) Potency
 (c) Efficacy (d) Selecting
2. Alkalinization of urine require for decreasing poisoning due to-
 (a) Acidic drug (b) Basic drug
 (c) Both acidic and Basic (d) None of these
3. Drug after phase II reaction -
 (a) lipid soluble
 (b) lipid soluble and water soluble
 (c) water soluble
 (d) None
4. Fastest acting Receptor -
 (a) 5HT₃ (b) Insulin
 (c) Vit D (d) PPAR
5. LD₅₀ is a Measure of-
 (a) Toxicity (b) Safety
 (c) Potency (d) Efficacy
6. Drug follow zero order kinetic-
 (a) Paracetamol (b) Aspirin
 (c) Ibuprofen (d) Diclofence
7. Drug having highest volume of Distribution
 (a) Artisunate (b) Aspirin
 (c) Chloroquine (d) Adrenaline
8. Drug of choice for hyertension during operation of pheochromocytoma
 (a) Phentolamine (b) Phenoxy benzamine
 (c) Amphetamine (d) Prozosin
9. Following are prodrug except
 (a) omeprazole (b) Aspirin
 (c) α - methyl Dopa (d) Nebumetone
10. Osaltamavir is
 (a) metabolite (b) prodrug
 (c) active drug (d) Excretory product
11. Adverse effect of Amphetamine
 (a) Dependence (b) Tolerance
 (c) Both (d) None of these
12. Ratio of Adrenaline used intra muscularly in Anaphylactic shock
 (a) 1 : 100 (b) 1 : 1000
 (c) 1 : 10 (d) 1 : 10000
13. Determinant of Loading dose is
 (a) Volume of Distribution
 (b) Clearance
 (c) Elimination
 (d) Plasma Half life
14. TDM can be done for Drug having-
 (a) low therapeutic index
 (b) variable pharmacokinetic
 (c) Having co-relation with serum level and toxicily
 (d) All of Abave
15. Placebo is-
 (a) Dummy drug (b) Active drug
 (c) Route for drug Administration
 (d) Metabolite

- 16. Antidote of organophosphate poisoning**
 (a) Pralidoxine (b) Pilocarpine
 (c) Physostigmine (d) Dicyclomine
- 17. Atropine is contraindicated in**
 (a) carbamate poisoning (b) glaucoma
 (c) Eye examination (d) Early mushroom poisoning
- 18. Drug used in polygraph Test**
 (a) Atropine (b) Scopolamine
 (c) Adrenaline (d) Dicyclomine
- 19. Tertiary amine anticholinergic are**
 (a) Dicyclomine (b) Pirenzepine
 (c) Tolenzopine (d) All of above
- 20. Adverse effect of α Blocker is**
 (a) Tolerance and postural Hypotension
 (b) Allergy
 (c) Diarrhoea
 (d) Hyperglycemia
- 21. Drug of choice for Hypertension with BHP**
 (a) α_1 Blocker (b) β_1 Blocker
 (c) α_1 and α_2 Blocker (d) $\alpha + \beta$ Blocker
- 22. Safest antiadrenergic drug in pregnancy**
 (a) Labetalol (b) Propranolol
 (c) Metoprolol (d) Temolol
- 23. Drug of choice for glaucoma**
 (a) Physostigmine (b) Prostaglandine
 (c) Pilocarpine (d) Temolol
- 24. Drug having maximum membrane stabilizing activity**
 (a) Propranolol (b) Nadolol
 (c) Atenolol (d) Metoprolol
- 25. Idiosyncrasy is**
 (a) Unpredictable ADR
 (b) Predictable ADR
 (c) Side Effect
 (d) Effect of overdose
- 26. Pharmacovigilance is**
 (a) Detection of ADR
 (b) Assessment of ADR
 (c) Prevention of ADR
 (d) All of these
- 27. Common Reaction take place after phase II reaction**
 (a) Hydroxylation (b) Cyclization
 (c) Glucuronidation (d) Oxidation
- 28. Drug used in Early Mushroom poisoning**
 (a) Pilocarpine (b) Physostigmine
 (c) Atropine (d) Pralidoxine
- 29. Drug use in Acute glaucoma**
 (a) Mannitol (b) Physostigmine
 (c) Acetazolamide (d) All of these
- 30. Drug used in Narcolepsy**
 (a) Amphetamine (b) Modafinil
 (c) Methylphenidate (d) Adrenaline
- 31. Particle volumes are measured by**
 (a) optical method (b) conductive method
 (c) sedimentation method (d) sieving method
- 32. Permission for manufacturing of shampoos are given in form no. of**
 (a) 31 (b) 32
 (c) 31 B (d) 32 B
- 33. Levigation is done when moisture content is**
 (a) Less than 5% (b) 25 - 30%
 (c) More than 50% (d) Never
- 34. Samples of DPT vaccines are sent**
 (a) CRI kasauli (b) Pasteur Institute
 (c) CDL Kolkata (d) DCGI delhi
 connor
- 35. State pharmacy council sent How much part of his fees to PCI**
 (a) 100% (b) 50%
 (c) 25% (d) 75%
- 36. Repatriate are called persons displaced from**
 (a) Pakistan (b) Bangla desh
 (c) Srilanka (d) Nepal
- 37. In simple percolation generally D/P ratio is**
 (a) 1 : 2 (b) 1 : 1
 (c) 1 : 3 (d) 1 : 4
- 38. Maceration of orange peel is done for**
 (a) 2-7 days (b) 7 days
 (c) 14 days (d) 2 - 7 hours

39. Mixing of viscous Liquid are generally done by

- (a) Propeller mixer (b) Impeller mixer
(c) Paddle mixer (d) Turbine mixer

40. Unit of Interfacial tension in CGS system is

- (a) Newton/meter (b) Newton/cm
(c) Dyne/cm (d) Dyne/meter

41. Cyclone separator is used to separate particle acc. to

- (a) Particle size (b) Particle shape
(c) Partical volume (d) Particle density

42. When viscosity of particle Increases, rate of Filtration is

- (a) Increases (b) Decreases
(c) No effect (d) depends on particle size

43. The Tenure of DTAB is

- (a) 5 year (b) 3 year
(c) 1 year (d) unlimited

44. Dry distillation is also called

- (a) Simple distillation (b) Fractional distillation
(c) Steam distillation (d) Destructive distillation

45. Member seeretary of DTAB is

- (a) Director General of Health Services
(b) Drug controller of Inida
(c) Director control Drug Laboratory Kolkata
(d) Director central Drug Research Institute Lucknow

46. Schedule T contains.

- (a) Requirement of factory premises for Homeopathic drugs
(b) Requirement of factory premises got cosimeters
(c) Requirement of factory premises for Ayurvedic drug
(d) Requirement of factory premises for Medical device

47. Sieve no. 10 have particle size

- (a) 1.7 mm (b) 1.7 μm
(c) 355 mm (d) 355 μm

48. Bubble point test used to determine

- (a) Efficiency of membrane filter
(b) Efficiency of Hot air oven
(c) Efficiency of Autoclave
(d) Efficiency of Gaseous sterlisation

49. MMR Vaccine are sterlised by

- (a) 100° C for 15 min
(b) 121° C for 30 min
(c) 160° C for 2 hr
(d) 60° C for 1 hrs

50. Peniciline are dried by.

- (a) Fludied bed dryer (b) Lyophiliser
(c) Vaccum dryer (d) Drum dryer

51. Which is used as dehydrating agent

- (a) Concentrated sulphuic acid
(b) Phosphorus tri oxide
(c) Phophorus penta oxide
(d) All of the above

52. When 1 gm of solute dissolve in 10-30 ml solvent It is called

- (a) very soluble (b) soluble
(c) sparingly soluble (d) slightly soluble

53. According to I.P cool place is

- (a) 2° to 8° F (b) 8 to 25° F
(c) 8 to 25° C (d) 8° to 25° K

54. HLB of wetting agent is

- (a) 1 - 3 (b) 3 - 8
(c) 7 - 9 (d) 13 - 16

55. In which concentration filter aids are used to improve filtration

- (a) 1 - 5 % (b) 0.1 to 0.5%
(c) 5 - 10% (d) 0.01 to 0.05%

56. Filter candles are made up of

- (a) Sintered glass filter (b) Seitz filter
(c) Ceramic filters (d) Meta filters

57. For Import of personal use maximum how much dose is permitted.

- (a) 10 dose (b) 100 dose
(c) 1000 dose (d) 50 dose

58. PCI is comes under which chapter of pharmacy Act

- (a) First (b) Second
(c) Third (d) Fourth

59. Penicilline injection comes under which schendle to rule

- (a) sch. C (b) sch. C₁
(c) sch. H (d) sch. X

60. Pharmacy act contains

- (a) 5 chapters 56 sections
(b) 5 chapters 46 section
(c) 4 chapter 46 section
(d) 4 chapter 56 section

61. Which is the permanent member of PCI

- (a) Elected (b) Nominated
(c) EX officio (d) None of the above

62. Which of the following is not the function of PCI

- (a) Education regulation
(b) Maintained of Central register
(c) Maintenance of first register
(d) Approval and withdrawal of Institutes

63. for registration of pharmacist must be passed any college which is approved by

- (a) AICTE (b) PCI
(c) MCI (d) UGC

64. How many parts of drug and cosmetic act and rules

- (a) 5 (b) 18
(c) more than 30 (d) 2

65. what is the main objective of drug and cosmetic act

- (a) To control sub standards in drugs
(b) To control manufacturing of drugs
(c) To control sales of drugs
(d) To control Import of drugs

66. Expiry date of drug is determined as per

- (a) schedule M (b) schedule N
(c) schedule P (d) schedule P1

67. Schedule R₁ contains

- (a) standards of ophthalmic preparation
(b) standards of cosmetic preparation
(c) standards of disinfectants
(d) standards of medical devices

68. Schedule V contains

- (a) standard for patent and proprietary medicine
(b) standards for cosmetics
(c) generic drugs

(d) prescription drugs

69. Standards of diagnostic agent comes under

- (a) F₁ part 01 (b) F₁ part 02
(c) F₁ part 03 (d) F₂

70. Repacking licence of other than C,C₁ drug are applying in form no.

- (a) 24 (b) 24 B
(c) 25 (d) 25 B

71. Nimesulide oral suspension is banned in India by Recommendation of

- (a) DCGI (b) Government of India
(c) DTAB (d) CDL Kolkata

72. Sugar concentration in simple syrup IP

- (a) 85% w/v (b) 66.7% w/w
(c) 75% w/w (d) 66.7% w/v

73. liquid viscous preparation which are used in cough is called

- (a) syrup (b) elixir
(c) linctus (d) drop

74. Cotton wool is generally used to apply

- (a) insufflations (b) lotions
(c) liniments (d) none of the above

75. Alcohol is added in liniment because

- (a) It increase stability
(b) It increase Penetration
(c) It decrease penetration
(d) Increased easiness of application

76. The speed of ball mill should be

- (a) 50 - 62% (b) 60 - 85%
(c) 100% (d) 30 - 50%

77. In compare to coarse powder fine powders have size

- (a) $\frac{1}{6}$ (b) $\frac{1}{24}$
(c) $\frac{1}{90}$ (d) $\frac{1}{200}$

78. Which one of the following types of adverse drug reactions are not believed to be dose related phenomenon?

- (a) Side effect and toxic reactions
- (b) Toxic reactions and hypersensitivity
- (c) Side effect and hypersensitivity
- (d) Hypersensitivity and idiosyncrasy

79. Plasma Half life for Drug following first order kinetic

- (a) Variable
- (b) Constant
- (c) Increase at higher concentration
- (d) Independent

80. Adrenaline use with Local Anaesthetic to

- (a) Decrease duration of action
- (b) Increase duration of action
- (c) No effect
- (d) Increase onset of action

81. Common adverse effect of Anticholinergic except

- (a) Constipation
- (b) Dry mouth
- (c) Tolerance
- (d) Blurred of vision

82. Which one is not miotic

- (a) Pilocarpine
- (b) Physostigmine
- (c) Neostigmine
- (d) Dicyclomine

83 Normal value of Intraocular Tension

- (a) 10 - 21 mm Hg
- (b) 10 - 25 mm Hg
- (c) 20 - 30 mm Hg
- (d) More than 30 mm Hg

84. Orphan Drug used in

- (a) Communicable disease
- (b) Non communicable disease
- (c) Rare disease
- (d) Common cold

85. A doctor write the prescription to the patient, according to drug and cosmetic act the drug in which schedule-

- (a) schedule X
- (b) schedule H
- (c) schedule V
- (d) schedule G

86. The purpose of tablet sub-coating is-

- (a) it is given to increase the bulkiness and to rectify the corrugated surfaces on the tablet surfac

- (b) for slow dissolution
- (c) difference between two drug
- (d) for drug protection

87. Enteric coated tables disintegrate in -

- (a) Mouth
- (b) Stomach
- (c) Intestine
- (d) None

88. pH is define as -

- (a) Negative logarithm of hydrogen Ion concentration
- (b) Negative logarithm of hydroxyl Ion concentration
- (c) Negative logarithm of chloride Ion concentration
- (d) Negative logarithm of oxygen Ion concentration

89 .The following are cardio-selective beta adrenergic blocking agents excepts-

- (a) Labetalol
- (b) Acebutolol
- (c) Atenolol
- (d) Metoprolol

90. Convert 78°C in to Fahrenheit -

- (a) 172° F
- (b) 140° F
- (c) 160° F
- (d) 142° F

91. Drug of choice for trigeminal neuralgia is

- (a) Phenytoin
- (b) Diazepam
- (c) Trimethadione
- (d) Carbamazepine

92. Pharmacokinetics is the study of -

- (a) Absorption
- (b) Metabolism
- (c) Excretion
- (d) ADME

93. Streptomycin can cause -

- (a) Eighth cranial nerve damage
(b) Sixth cranial nerve damage
(c) Fourth cranial nerve damage
(d) Blindness

94. Antidote used in copper poisoning is

- (a) Desferrioxime (b) D-Penicillamine
(c) Atropine (d) B.A.L.

95. Licence to sell drug specified in schedule C and C1 is given in form number:

- (a)-19 (b)-18
(c)-21 (d)-24

96. The concentration of sodium chloride in normal saline is-

- (a) 0.9% w/v (b) 29% w/v
(c) 1.9% w/v (d) 5% w/v

97. Names from the register can be removed only by an order of the -

- (a) PCI (b) Registration tribunal
(c) Executive committee of the state pharmacy council
(d) None of the above

98. Dusting powders contain -

- (a) Borax (b) Zinc sulphate
(c) Boric acid (d) None of the above

99. The pharmacopoeia of India is published by-

- (a) Ministry of Chemical and Petrochemical, Govt of India
(b) Ministry of Industries, govt. of India
(c) Ministry of Health & Family Welfare, Govt. of India
(d) Ministry of Human Resource Development, Govt. of India

100. The H.L.B. system is most applicable for the classification of with surfactant -

- (a) Anionic (b) Cationic
(c) Nonionic (d) Either anionic (or) cationic

**ANSWER KEY
TEST-PAPER**

PCC-PHARMACIST

HELD ON 09-09-18(SUNDAY)

1	A	11	C	21	A	31	B	41	D	51	D	61	C	71	C	81	C	91	D
2	A	12	B	22	A	32	B	42	B	52	B	62	C	72	B	82	D	92	D
3	C	13	A	23	B	33	C	43	B	53	C	63	B	73	C	83	A	93	A
4	A	14	D	24	A	34	A	44	D	54	C	64	B	74	B	84	C	94	B
5	B	15	A	25	A	35	C	45	B	55	B	65	A	75	B	85	B	95	C
6	B	16	A	26	D	36	C	46	C	56	C	66	C	76	B	86	A	96	A
7	C	17	B	27	C	37	D	47	A	57	B	67	D	77	C	87	C	97	B
8	B	18	B	28	C	38	B	48	A	58	B	68	A	78	D	88	A	98	C
9	B	19	D	29	D	39	D	49	D	59	A	69	C	79	B	89	A	99	C
10	B	20	A	30	B	40	C	50	B	60	B	70	B	80	B	90	A	100	C

PCC-INSTITUTE

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