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Maximum: 100 marks

| Time: 1 hour and 30 minute |
|----------------------------|
|----------------------------|

| 1. | | | | 70 lan adult mala is | | |
|---------------------------------|---|---|--------------------------------------|---|--|--|
| | The total | amount of water present in body cav | rities in a | 70 kg adult male is ———— | | |
| | (A) | 1 L | (B) | 14 L | | |
| | (C) | $42~\mathrm{L}$ | (D) | 60 L | | |
| 2. | Among th | e following, choose the FALSE state | ment abo | out G protein : | | |
| | (A) | Can act as a receptor | | | | |
| | (B) | Can activate second messengers | | | | |
| | (C) | Dissociates reversibly into two on a | activation | 1 | | |
| | (D) | GTP binds to alpha subunit | | | | |
| 3. | Which is ' | TRUE about gastrin? | | | | |
| | (A) | Stimulates growth of gastric mucos | sa | | | |
| | (B) Secretion is blocked by atropine | | | | | |
| | (C) | Acid in stomach increases gastrin s | secretion | | | |
| | (D) | Inhibits insulin & glucagon secreti | on | | | |
| | | 8 8 | | | | |
| 4. | Amount o | f oxygen carried by one gram of hear | | when fully saturated is: | | |
| 4. | Amount o | | | when fully saturated is : | | |
| 4. | | f oxygen carried by one gram of hear | noglobin | • | | |
| | (A) (C) | f oxygen carried by one gram of hear | moglobin (B) (D) | 2.35 ml | | |
| 4. 5. | (A) (C) | f oxygen carried by one gram of hear 3.46 ml 1.34 ml | moglobin (B) (D) | 2.35 ml | | |
| | (A) (C) Among th | f oxygen carried by one gram of hear 3.46 ml 1.34 ml e following which is not an action of | moglobin (B) (D) GH? | 2.35 ml 0.96 ml | | |
| 5. | (A) (C) Among th (A) (C) | f oxygen carried by one gram of hear 3.46 ml 1.34 ml e following which is not an action of Gluconeogenesis | moglobin (B) (D) GH? (B) | 2.35 ml 0.96 ml ↑ Glycolysis | | |
| | (A) (C) Among th (A) (C) | f oxygen carried by one gram of hear 3.46 ml 1.34 ml e following which is not an action of Gluconeogenesis Lipolysis | moglobin (B) (D) GH? (B) | 2.35 ml 0.96 ml ↑ Glycolysis | | |
| 5. | (A) (C) Among th (A) (C) First hear | f oxygen carried by one gram of hear 3.46 ml 1.34 ml e following which is not an action of Gluconeogenesis Lipolysis et sound is heard at: | moglobin (B) (D) GH? (B) (D) | 2.35 ml 0.96 ml ↑ Glycolysis ↑ Glycogenolysis | | |
| 5. | (A) (C) Among th (A) (C) First hear (A) (C) | f oxygen carried by one gram of hear 3.46 ml 1.34 ml e following which is not an action of Gluconeogenesis Lipolysis et sound is heard at: At the beginning of IVC phase | moglobin (B) (D) GH? (B) (D) (B) (D) | 2.35 ml 0.96 ml ↑ Glycolysis ↑ Glycogenolysis At the end of IVC phase | | |
| 5.6. | (A) (C) Among th (A) (C) First hear (A) (C) | f oxygen carried by one gram of hear 3.46 ml 1.34 ml e following which is not an action of Gluconeogenesis Lipolysis t sound is heard at: At the beginning of IVC phase At the beginning of IVR phase | moglobin (B) (D) GH? (B) (D) (B) (D) | 2.35 ml 0.96 ml ↑ Glycolysis ↑ Glycogenolysis At the end of IVC phase | | |

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| 8. | raise statement about serton cells is: | | | | | | | |
|------------|--|--|-------|-------------------------|--|--|--|--|
| | (A) | Seen in the walls of seminiferous tub | ules | | | | | |
| | (B) | Secretes inhibin which inhibits FSH | | | | | | |
| | (C) | C) Secretes androgen binding proteins | | | | | | |
| | (D) | Secretes androgens for spermatogene | sis | | | | | |
| 9. | Examples of accelerants used in topically applied drugs include: | | | | | | | |
| | (A) | DMF | (B) | DMA | | | | |
| | (C) | DMSO | (D) | All of the above | | | | |
| 10. | For a sati | sfactory plain tablet the minimum har | dness | should be: | | | | |
| | (A) | $5~\mathrm{Kg}$ | (B) | 2 Kg | | | | |
| | (C) | 4 Kg | (D) | None of the above | | | | |
| 11. | The invitr | o dissolution testing of tablet is to: | | | | | | |
| | (A) | Correlate with invivo bioavailability | | | | | | |
| | (B) | Relates drug solubility and permeabi | lity | | | | | |
| | (C) | To predict IVIVC correlation | | | | | | |
| | (D) | All of the above | | | | | | |
| 12. | Promulge | ns are composed of: | | | | | | |
| | (A) | Mixture of fatty acid and their ethoxy | lates | | | | | |
| | (B) | Lactic acid with fatty acids | | | | | | |
| | (C) | Non ionic emulsifiers | | | | | | |
| | (D) | (A) and (C) | | | | | | |
| 13. | Phase inv | ersion temperature is also called as : | | | | | | |
| | (A) | Transition temperature | (B) | Coalescence temperature | | | | |
| | (C) | HLB temperature | (D) | None of the above | | | | |
| 14. | Weathering of glass containers can be avoided by which of the following? | | | | | | | |
| | (A) | Sulphur treatment | (B) | Dealkalizing process | | | | |
| | (C) | (A) and (B) | (D) | None of the above | | | | |
| 15. | LAL test i | is how many times more sensitive than | rabbi | it pyrogen test : | | | | |
| | (A) | 2-3 times | (B) | 5-10 times | | | | |
| | (C) | 15-30 times | (D) | None of the above | | | | |

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| 16. | Sunscreen products include which of the following: | | | | | | |
|-----|--|---|------------|------------------------|--|--|--|
| | (A) | Titanium Dioxide | (B) | Avobenzone | | | |
| | (C) | Zinc Oxide | (D) | All of the above | | | |
| 17. | Equipment used for mixing sticky solids: | | | | | | |
| | (A) | Double cone mixer | (B) | Planetary mixer | | | |
| | (C) | Ribbon blender | (D) | V cone blender | | | |
| 18. | In fluids a | at critical velocity the flow changes t | from Visco | ous to : | | | |
| | (A) | Turbulent | (B) | Psedoplastic | | | |
| | (C) | Laminar | (D) | Dilatant | | | |
| 19. | Retroviru | s mediated gene transfer is | | | | | |
| | (A) | In vivo method | (B) | Ex vivo method | | | |
| | (C) | Both (A) and (B) | (D) | None of the above | | | |
| 20. | Type I-hypersensitivity reactions are mediated predominantly by: | | | | | | |
| | (A) | Ig M antibodies | (B) | Ig G antibodies | | | |
| | (C) | Ig E antibodies | (D) | T lymphocytes | | | |
| 21. | Therapeu | tic index is : | | | | | |
| | (A) Maximum non toxic dose/Maximum effective dose | | | | | | |
| | (B) | Maximum toxic dose/Minimum effective dose | | | | | |
| | (C) | Maximum effective/Minimum non toxic dose | | | | | |
| | (D) | (D) Maximum effective dose/Maximum non toxic dose | | | | | |
| 22. | Myocardia | al contractility mainly depends on : | | | | | |
| | (A) | Intracellular Calcium | (B) | Extracellular Calcium | | | |
| | (C) | Both (A) and (B) | (D) | Independent of Calcium | | | |
| 23. | Terbutali | ne is a: | | | | | |
| | (A) | lpha2 selective adrenergic agonist | | | | | |
| | (B) | eta 2 selective adrenergic agonist | | | | | |
| | (C) | lpha 1 selective adrenergic agonist | | | | | |
| | (D) | $oldsymbol{eta}1$ selective adrenergic agonist | | | | | |

| 24. | An example for ultra short acting barbiturates: | | | | |
|-----|--|--|-------------|---------------------------------------|--|
| | (A) | Secobarbitone | (B) | Phenobarbitone | |
| | (C) | Pentobarbitone | (D) | Thiopentone | |
| 25. | _ | nset of unpaired consciousness a typically lasting 30 seconds : | ssociated v | with staring and cessation of ongoing | |
| | (A) | Myoclonic seizure | (B) | Tonic clonic seizure | |
| | (C) | Absence seizure | (D) | Simple partial seizure | |
| 26. | Reye 's sy | ndrome in children seen with adm | inistration | of: | |
| | (A) | Paracetamol | (B) | Aspirin | |
| | (C) | Ibuprofen | (D) | Indomethacin | |
| 27. | All are ca | rbonic anhydrase inhibitors except | ; : | | |
| | (A) | Acetazolamide | (B) | Methazolamide | |
| | (C) | Dichlorphenamide | (D) | Furosemide | |
| 28. | A vitamir | that work in reducing bad cholest | erol: | | |
| | (A) | Vitamin B6 | (B) | Vitamin B3 | |
| | (C) | Vitamin B12 | (D) | Vitamin B2 | |
| 29. | A mitotic | spindle poison is : | | | |
| | (A) | Paclitaxel | (B) | Flurouracil | |
| | (C) | Mitomycin | (D) | Methotrexate | |
| 30. | A $3^{\rm rd}$ generation Cepholorosporin used as antimicrobial agent is : | | | | |
| | (A) | Ceforamide | (B) | Cefotaxime | |
| | (C) | Cephalothin | (D) | Cefoxitin | |
| 31. | The speci | es source for long acting insulins : | | | |
| | (A) | Humans | (B) | Monkeys | |
| | (C) | Rats | (D) | All of the above | |
| 32. | An examp | ole for anti retroviral agent: | | | |
| | (A) | Acyclovir | (B) | Zidovudine | |
| | (C) | Ribavirin | (D) | Trifluridine | |
| 33. | Ototoxicit | y is caused due to : | | | |
| | (A) | Phenytoin | (B) | Doxorubicin | |
| | (C) | Chloroquine | (D) | Rifamicin | |

| 34. | The orphan drug used for orphan disease paracetamol overdose toxicity: | | | | |
|------------|--|---|----------|-------------------------------|--|
| | (A) | Erythropoietin | (B) | Fomepizole | |
| | (C) | Atovaquone | (D) | Acetyl cysteine | |
| 35. | The amin | o acid that does not undergoes transa | minatio | n: | |
| | (A) | Alanine | (B) | Leucine | |
| | (C) | Lysine | (D) | Methionine | |
| 36. | Which of | the following is a Selective $oldsymbol{eta}_1$ blocke | r? | | |
| | (A) | Nadolol | (B) | Pindolol | |
| | (C) | Metoprolol | (D) | Timolol | |
| 37. | The follow | ving is the structure of : | | | |
| | | СООН | | | |
| | | NH-C | H_2 | 0 | |
| | | | | | |
| | | NH CO | | | |
| | | $ m NH_2SO_2 \hspace{1cm} ert \hspace{1cm} Cl \hspace{1cm}$ | | | |
| | (A) | Mefenemic acid | (B) | Meclofenamic acid | |
| | (C) | Tolfenamic acid | (D) | Furosemide | |
| 38. | All of the | following are substrates for gluconeo | genesis | except: | |
| | (A) | Palmitic acid | (B) | Lactic acid | |
| | (C) | Aspartic acid | (D) | Glutamic acid | |
| 39. | Globar us | ed as a radiation source in IR spectro | scopy is | composed of: | |
| | (A) | Polystrene | (B) | Polysiloxane | |
| | (C) | Silicon carbide | (D) | Silicon dioxide | |
| 40. | The most | widely used HPLC detector suitable | for grad | ient elution is : | |
| | (A) | Refractive index detector | (B) | Ultraviolet detectors | |
| | (C) | Electrochemical detectors | (D) | Fluorescence detectors | |
| 41. | Mc Ardle' | s syndrome is due to deficiency of : | | | |
| | (A) | Glucose-6-phosphatase | (B) | Branching enzyme | |
| | (C) | Debranching enzyme | (D) | Muscle glycogen phosphorylase | |

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| 42. | The heter | ocyclic ring present in the structure o | f Fenta | nyl is : |
|-------------|------------|---|---------|---------------------------------------|
| | (A) | Piperidine | (B) | Imidazole |
| | (C) | Indole | (D) | Pyrrole |
| 43. | An unsuit | cable carrier gas in gas chromatograph | ny is: | |
| | (A) | Helium | (B) | Oxygen |
| | (C) | Hydrogen | (D) | Nitrogen |
| 44. | The comp | onent of electron transport chain that | posses | s isoprenoid units : |
| | (A) | Cytochrome oxidase | (B) | Coenzyme Q |
| | (C) | Cytochrome b | (D) | Iron sulphur protein |
| 45. | The Natio | onal Malaria Control Programme (NI | MCP) b | ecame a part of National vector Borne |
| | disease co | ontrol programme in : | | |
| | (A) | 1953 | (B) | 1958 |
| | (C) | 2002 | (D) | 2005 |
| 46. | The numb | per of pharmacists required for a 100-l | oed hos | pital : |
| | (A) | 2 | (B) | 3 |
| | (C) | 5 | (D) | 8 |
| 47. | The Secre | etary of Pharmacy and therapeutics Co | ommitt | ee is the : |
| | (A) | Physician | (B) | Chief Pharmacist |
| | (C) | Nursing Head | (D) | Hospital Administrator |
| 48. | The ISO 9 | 9000 standards were first published in | 1: | |
| | (A) | 1975 | (B) | 1978 |
| | (C) | 1985 | (D) | 1987 |
| 49. | The 'Fath | er of Quality circles' who introduced t | he seve | en tools of quality control : |
| | (A) | Kaoru Ishikawa | (B) | Genichi Taguchi |
| | (C) | Frederick W Taylor | (D) | Armand V Feigenbaum |
| 50 . | The rVSV | Z-ZEBOV vaccine is approved to preve | nt: | |
| | (A) | SARS | (B) | Ebola |
| | (C) | Influenza | (D) | Covid-19 |

| 51. | Coconut o | oil has a very low iodine value of the : | e and a high s | aponification value. T | his is due to the | |
|-------------|------------|---|---|----------------------------|----------------------|--|
| | (A) | Triglyceride of mainly lauric | acid | | | |
| | (B) | Triglyceride of mainly myristic acid | | | | |
| | (C) | Triglycerides of smaller quaracids | ntities of capro | oic, caprylic, oleic, palı | mitic and stearic | |
| | (D) | All of the above | | | | |
| 52. | Agar is us | sed: | | | | |
| | (A) | In the preparation of culture | media | | | |
| | (B) | As an emulsifying agent | | | | |
| | (C) | In the treatment of chronic co | onstipation | | | |
| | (D) | All of the above | | | | |
| 53. | Fenugree | k contains the alkaloid, trigone | elline, which is | a: | | |
| | (A) | Pyridine type | (B) | Isoquinoline type | | |
| | (C) | Indole type | (D) | None of the above | | |
| 54. | Starch gra | anules undergo gelatinization | when treated v | vith: | | |
| 0 20 | (A) | caustic potash | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | , 1011 | | |
| | (B) | concentrated solutions of calc | eium or zinc ch | lorides | | |
| | (C) | concentrated solution of chlor | | 1011400 | | |
| | (D) | all of the above | idi ily diracto | | | |
| 55. | , , | cured by likes" is the basic pri | ncinle involved | lin· | | |
| <i>5</i> 5. | (A) | Ayurveda | (B) | Siddha | | |
| | , , | Homeopathy | ` / | Unani | | |
| 56 . | | | , , | | | |
| 50. | (A) | the following is the application Biochemical conversions | or prant tissue | e culture: | | |
| | (A) (B) | Clonal propagation | | | | |
| | (C) | Production of useful phytocor | actituants | | | |
| | (D) | All of the above | istitueitts | | | |
| | , , | | | | | |
| 57 . | All are op | tically active alkaloids except : | | | | |
| | (A) | Coniine | (B) | Papaverine | | |
| | (C) | Quinine | (D) | Ephedrine | | |
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| 58. | Leaf cons | tants are determined by using: | | |
|-------------|-----------|---------------------------------------|---------|--------------------------------------|
| | (A) | Stomatal index | (B) | Vein-islet number |
| | (C) | Palisade ratio | (D) | All of the above |
| 59. | Shikimic | acid pathway is employed by: | | |
| | (A) | Microorganisms only | (B) | Plants only |
| | (C) | Both microorganisms and plants | (D) | Animals |
| 60. | Ginseng o | contains: | | |
| | (A) | Cardiac glycosides | (B) | Saponin glycosides |
| | (C) | Anthraquinone glycosides | (D) | None of the above |
| 61. | Both the | corm and the seeds of colchicum are u | sed for | treating: |
| | (A) | Arthritis | (B) | Rheumatism |
| | (C) | Gout | (D) | All of the above |
| 62. | Urokinas | e is non antigenic because it is : | | |
| | (A) | Obtained from plants | (B) | An endogenous enzyme |
| | (C) | Obtained from microorganisms | (D) | None of the above |
| 63. | A marine | anticancer agent: | | |
| | (A) | Manoalide | (B) | Anthopleurin - A |
| | (C) | Bryostatin - 1 | (D) | lpha - Conotoxin |
| 64. | Turmeric | contains: | | |
| | (A) | Turmerone | (B) | lpha , eta - Atlantone |
| | (C) | Zingiberene | (D) | All of the above |
| 65 . | Chlorinat | ed lime is regarded as consisting of: | | |
| | (A) | Calcium chloride | (B) | Calcium hypochlorite |
| | (C) | Calcium chloro-hypochlorite | (D) | Calcium chlorate |
| 66. | The react | ion by which Indole is converted into | 3-dimet | hylamino-methylindole (Gramine) by : |
| | (A) | Reissert synthesis | (B) | Mannich reaction |
| | (C) | Reimer-Tiemann reaction | (D) | Friedlander's synthesis |

| 67. | DDT is ch | nemically: | | | | |
|------------|--|--|---------|---------------------------------------|--|--|
| | (A) | Dichloro Diphenyl Trichlorohexane | (B) | Dichloro Dimethyl Trichloroethane | | |
| | (C) | Dichloro Diethyl Trichloropropane | (D) | Dichloro Diphenyl Trichloroethane | | |
| 68. | In which | heterocyclic ring, the numbering of rin | g atom | as does not start on the hetero atom: | | |
| | (A) | Indole | (B) | Acridine | | |
| | (C) | Quinoline | (D) | Thiophene | | |
| 69. | Naphthalene undergoes electrophilic substitution reactions primarily at : | | | | | |
| | (A) | C-1 | (B) | C-5 | | |
| | (C) | C-4 | (D) | C-3 | | |
| 70. | Dying oils | s undergo, which among the following i | reactio | n to form a thin water proof film: | | |
| | (A) | Halogenation | (B) | Hydrolysis-Oxidation | | |
| | (C) | Oxidation-Polymerization | (D) | Hydrogenation | | |
| 71. | Meso compounds are achiral due to the presence of: | | | | | |
| | (A) | Plane of symmetry | (B) | Centre of symmetry | | |
| | (C) | Alternative axis of symmetry | (D) | None of the above | | |
| 72. | Which of the following reaction employs amalgamated zinc and concentrated hydrochloric acid as the reducing agent? | | | | | |
| | (A) | Wolff-Kishner reduction | (B) | Clemmensen reduction | | |
| | (C) | Brich reduction | (D) | Dakin reaction | | |
| 73. | Imidazole is isomeric with: | | | | | |
| | (A) | Oxazole | (B) | Thiazole | | |
| | (C) | Pyrazole | (D) | Pyrrole | | |
| 74. | Phenolphthalein is colourless in: | | | | | |
| | (A) | Acid solution only | (B) | Neutral solution only | | |
| | (C) | Both acid and neutral solutions | (D) | Slightly alkaline solution | | |
| 75. | Role of co | Role of concentrated sulphuric acid in the nitration of benzene: | | | | |
| | (A) | To increase the acidity of con. nitric a | acid | | | |
| | (B) | To avoid the formation of di and trin | itroben | nzene | | |
| | (C) | To generate the electrophile-nitroniu | m ion | | | |
| | (D) | None of the above | | | | |

| 76. | Assay of c | alcium gluconate is done by : | | |
|------------|-------------------------|---|--------|---|
| | (A) | Gravimetry | (B) | Alkalimetry |
| | (C) | Fajans method | (D) | Complexometry |
| 77. | Coca deri cocaine? | vatives means any mixture of coca con | ntaini | ng more than the following amount of |
| | (A) | 0.2% | (B) | 0.5% |
| | (C) | 0.02% | (D) | 0.10% |
| 78. | The impor | rt of drugs for personal use contains av | erage | dose in mg up to? |
| | (A) | 10 | (B) | 100 |
| | (C) | 50 | (D) | 500 |
| 79. | | ed alcoholic preparations in a bonded la aining not less than? | abora | tory should be stored in jars or bottles, |
| | (A) | 1 Litre | (B) | 1.5 Litre |
| | (C) | 2.25 Litre | (D) | 5 Litre |
| 80. | Manufact is specifie | | st Bu | reau of Indian Standards requirements |
| | (A) | Schedule-A | (B) | Schedule-S |
| | (C) | Schedule-F | (D) | Schedule-T |
| 81. | The apple | | oonafi | de laggage is made to the licensing |
| | (A) | Form 12A | (B) | Form 12 |
| | (C) | Form 12B | (D) | Form 26 |
| 82. | The follow except? | ving points should be considered by a p | oharm | acist while dealing with his profession |
| | (A) | Professional vigilance | | |
| | (B) | Limitation of professional activity | | |
| | (C) | Relationship with professional organi | sation | ı |
| | (D) | Law abiding citizens | | |
| 83. | Narcotic d | lrugs and psychotropic substances act v | vas en | acted in the year : |
| | (A) | 1895 | (B) | 1857 |
| | (C) | 1985 | (D) | 1980 |
| | | | | |

| 84. | The number of registered pharmacists nominated by respective state government in a state council is : | | | | | |
|-----|---|--|---------|--|--|--|
| | (A) | 6 | (B) | 5 | | |
| | (C) | 7 | (D) | 8 | | |
| 85. | | contravenes any of the provisions of the ments) Act, 1954 is punishable up to th | | ags and Magic Remedies (objectionable imum imprisonment of : | | |
| | (A) | One year | (B) | Two years | | |
| | (C) | Five years | (D) | Three years | | |
| 86. | Good man | nufacturing practices for ayurvedic, side | lha ar | nd unani medicines is specified in: | | |
| | (A) | Schedule-S | (B) | Schedule-T | | |
| | (C) | Schedule-B | (D) | Schedule-U | | |
| 87. | _ | e Drugs and Magic Remedies act-1954 claimed to be cured? | , whi | ch of the disease, disorder or condition | | |
| | (A) | Goitre | (B) | Gangrene | | |
| | (C) | Glaucoma | (D) | All the above | | |
| 88. | Good labo | ratory practices and requirements of p | remise | es and equipments is specified in: | | |
| | (A) | Schedule M | (B) | Schedule N | | |
| | (C) | Schedule L-1 | (D) | Schedule M-1 | | |
| 89. | The princ | principle fungus for commercial citric acid production by fermentation is: | | | | |
| | (A) | Aspergillus aculeatus | (B) | Aspergillus foetidus | | |
| | (C) | Aspergillus niger | (D) | Aspergillus wentii | | |
| 90. | The certif | icate of pharmaceutical product is issue | ed in t | the format recommended by : | | |
| | (A) | USFDA | (B) | WHO | | |
| | (C) | CDSCO | (D) | MHRA | | |
| 91. | The rule f | or permission to import new drug unde | r sche | edule Y is : | | |
| | (A) | Rule 122A | (B) | Rule 122B | | |
| | (C) | Rule 122DA | (D) | Rule 122E | | |
| 92. | Which am | nong the following is a non-erodible oph | thalm | ic insert? | | |
| | (A) | Lacrisert | (B) | Ocusert | | |
| | (C) | Soluble Ocular Drug Insert | (D) | Minidisc | | |
| | | | | | | |

| 93. | The headquarters of Small Industrial Development Bank of India (SIDBI) is located at : | | | |
|--|--|-----------------------------------|-----|----------------------|
| | (A) | New Delhi | (B) | Indore |
| | (C) | Mumbai | (D) | Lucknow |
| 94. The parameters for quality Risk management is mentioned in : | | | | oned in : |
| | (A) | ICH guideline Q7 | (B) | ICH guideline Q8 |
| | (C) | ICH guideline Q9 | (D) | ICH guideline Q10 |
| 95. | Dose-depe | endant kinetics is observed in: | | |
| | (A) | Zero order kinetics | (B) | First order kinetics |
| | (C) | Second order kinetics | (D) | Mixed order kinetics |
| 96. | The type of drug administration shown by the following compartment model? | | | |
| | | 1 | k_ | $\xrightarrow{0}$ |
| | (A) | Oral administration | | |
| | (B) | Intrathecal administration | | |
| | (C) | Intravenous administration | | |
| | (D) | Sublingual administration | | |
| 97. | 7. The most frequently occurring value in a data set is called the: | | | |
| | (A) | Mean | (B) | Mode |
| | (C) | Median | (D) | Average |
| 98. | Coefficien | t of variation was developed by : | | |
| | (A) | Karl Pearson | (B) | Fanas Gatton |
| | (C) | Horace Secrists | (D) | Charles Edward |
| 99. | Fractional sterilization is also known as : | | | |
| | (A) | Pasteurization | (B) | Tyndallization |
| | (C) | Lyophilization | (D) | Ionization |
| 100. | The biological indicator for radiation sterilization are the spores of: | | | |
| | (A) | Bacillus stearothermophilus | (B) | Bacillus subtilis |
| | (C) | Bacillus nigrificans | (D) | Bacillus pumilis |
| | | | | |

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