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NIPER JEE 2011

1)Plantago…seed,root,bark

2)Aegle marmelose family…Rutaceae,malvaceae

3)competitive inhibitor….increase substate level

4)Short actin Drug….propofol,thiopental

5)Morphine discovered in…1904,1820

6)kaolin…hydrated Al silicate,hydrated Mg silicate

7)Controlled Drug delivery sym which is

usd…HPMC,phalate,DCP

8)morphine…analgesic,anticonvulsant,both,none

9)Dry heat soln filling…..Dry heat

sterilizatn,moist heat,aseptic fillin

10)D-glyceraldehyde configuration…S,R,RS

11)D-threose,D-erythrose,Lthreose related ques

12)erythrose and threose

are???......distereoisomers,epimers,Enantiomers

13)Kaya skin clinic by company…ITC,

14)Indian institute of

homeopathy??...Kolkata,jaipur,Bombay

15)preterm delivery vch drug use??..Atosiben,sulfoprostone,oxytocin

16)Psoralia obtaind from..Apigenin,Umbeliferone

17)Vch of following obtaind frm

marine????...pralidoxime,heparin,both,none

18)Heparin ant..Ans protamine sulphate

19) 8 hrs…40km/hr…60 km/hr….ans 400

20)S is taller than a,a is taller than b lyk ques

21)witting reaction…phosprous

22)Cardinolide…butanone,batanedione,butanolides

23)Propranolol chemical name

24)Ehrlich reagent…P-dimethyl benzaldehyde

25)BCE;FGI:…

26)i-methyl benzoate..ii..phenyl acetate,,iii

Acetophenone..IR range,,i=ii>iii,i>ii>iii

27)NH gives peak at..780,1100,3400

28)Stat phase nd mobile phase in RP

chromatography..

29)Intracutaneous Max vol….0.01,0.1,0.2,1

30)BCCI memb

31)Fecl3+catechol colour….purple,red,green

32)Third generation sulphonamide usd in

diabetis…Repaglinide,Glimipride,metformin,phenformin

33)Endothelial cell present in..Blood,lung,

34)Vch tissue has slowest equilibrium drug in

blood…brain,fat,muscle,liver

35)platelets obtained from?? Ans megakaryotes

36)h2o nd D2O attack…Elimination,SN2,SN1

37)Walden inversion….SN1,SN2,E1,E2

38)Blood pH..7.4

39)Crystalline str related ques…

40)Vch method best suit to convert amorphous to

crystalline….micronization,spray drying,any of above

41)emulsion measurement not by….electric

charge,light scaterin,

42)DLVO theory…

43)microemulsion globule size…

44)beta galactosidase…SDS

page…Band…2,1,,,,1,2….11….22…

45)PCR sequence

46)vch of following is not

diuretic???..triamterine.indapamide,furosemide

47)Vch f followinnot

active??...Allene,biphenyl.meso tartaric,None…

48)Gossypol…..not chiral,restricted rotation..

49)Eucalyptos oil ctn…geraneol,1-8 cineole,

50)AU..Bz..Cy….ans DX

51)20student height 120,10 student height 100…Avg

height ans 105

52)Sania mirza….

53)German company take over.teva,sanofi,Pfizer..

54)book..fatima…

55)WOF used in tretmnt of

diarrohea…erythromycin,domperidone,cisapride nd one new drug

56)cycloaddition..dial alder reactn

57)thinamerin dehydrogenation

produce….antracene,naphthalene…

58)synthetic Ach better than natural Ach….due to

slwer hydrolysis…

59)If increase dose f salbutamol,decrease actn

by…downregulation,upregulatin…

60)vch is permeable..polystrene…

61)bond energy…..

62)Tymoleptics??

63)Max absorption from cell

memb….ionizdform,unionized form…

64)WOf is not sede efeect of phenothiazine???

65)WOFis not hepatotoxic??..rifampicin,isoniazid,ethambuto,streptomycin

66)Inhibit Aminotranferase nd

30S….tetracycline,macrolide

67)Inhibitr f 50 s ….macrlide,tetracycline

68)synonym…Graphics

69)Pictorial

70)magnaminous

71)Rebate

72)WOF is antituberculosis drug???..Ethambutol..

73)Relience take over vch air li9ne?

74)Antinomycin D nd Rifampicin related confusin

ques

76)DNA polymerase havin activity??...5 to 3,3 to

5,5 to 3 wth exonuclease,

77)SP angle…180

78)sesqueterpene havin isoprene unit,,,ans 3

79)In chewable tablet vch is usd?? Mannitol…

80Manitol used bz..Ans negativ heat f soln

81)CAP hydrolyze at pH….2.1..3.3…5.4….Ph indepedant

82)Anandamide….

83)Condensed tannin…Ans proanthocyanidin

84)Not sterilized by moist

heat…taflon,polystyrene,polyethylene

85)leucopenia…decrese size of WBC,increase size f

WBC

86)Estrogen higher level vch toxicity

produce??...wieght loss,thrombophlebitis…

87)exothermic reaction Enrgy f product….Less,more

88)Father f pharmacognosy..hippocrates

89)benzyme intermediate..

90)Organic cmpd+UV….electronic transition

91)Quantitativ estimation by..UV,IR,Mass,Nmr

92)St phase in cellulose chromatography…silica

gel,water without OH.water with OH

94)PEG liposome….

95)WOF is wrong…aquacoat means enteric coatin

96)WOF is nt

disacchrides….sucrose,maltose,lactose,glucopyranose

97)Glycolysis occur

in…cytosol,mitochondia,nucleolus,nucleus

WOF occur in mitochondria..steroid synthesis,fat

synthesis,

98)feed back inhibitin…

99)composite family nd one source belong

to….terpene,alkaloids,glycoside,tannis

100)IR activity seen…change in dipole moment…

101)300 Mhz…c13 Nmr???.....75

102)Increse polarity..n to pi\*

transitn…bathochromic shift,hypsochromic shift…

103)WOF increase the QT interval…terfenadine nd

other 3 option

104)WOF is action of diuretic..Urine

formation,glucose formation,

105)Metabolite of hormone stored

in…pancreas,adrenal medulla..

106)Bile is stored in…pancreas,gall blader,

107)Body Temp controlled by…hypothalamus…

108)Iregulation in moment due

to…..cerebrum,cerebellu,

109)cardiac output/min calld……..cardiac

cycle,cardiac output,force f contraction

110)most intense peak…Base peak…

111)Molar extinction coefficient Unit….

112)Acute amoebic dysentery vch drud

used..metronidazole,chloroquine..

113)Flourouracil..ans inhibit thymidylate

synthesis…

114)Folate deficiency by…methotraxate..

115)NSAIDS induced GITproblem handled

by…mesoprostol

116)Insulin ph 5..hw to make longer actin insulin

lyk dt ques…increase pH,lower pH

117)Longer actin penicillin…procain penicillin and

other qption

118)WOF used as sorbent in

tablet??.....MCC,silica,both,none

119)Acetylene value……ans lower than alkene

120)free radical stability….

121)free radical str…..ans planar

122)str of twisted boat…..

123)Tartaric acid inactive bz…..internal plane f

symmetry..

124)WOF is prodrug..sulindac,sulphasalazine,aspirin

125)WOF is induced in allergy…IgE

126)WOF is participate in complement

sym…IgG,IgM,IgE,IgA

127)Disinfectant fluid….ans Sch O

128)Vasaka leaf shape…ans lanceolate

129)glandular type,,,fracture….

130)agaropectin made up f….galactose nd uronic

acid,glucose nd uronic acid

131)Arhenious Eqn related ques

132)Handersn hechalbatch…pH

133)Inflamation f brain…Ans meningitis…

134)GABA..increse cl level

135)Stainin..WOF is true abt gram positive stain

136)Eculle method 4 ans volatile oil

137)Vulcanizin agent…..S,SO2

138)IND full form

139)WOf is not product f dabur….meswak,glucose

D,odomus

140)Colour added in vch step….syrup coatin

141)Interfacial tensn measured by..ostwald,brook

field

142)vch is adultrant f saraca indica

143)tablet strength increser by ques lyk

dat…..MCC,lactose

144)Mg stearate added in vch step of wet

granulation…durin granulation,aft granulation

145)GC principle…adsorption,partition,both

146)Na salt f sachrin usd as….solublizin

agent,bulkin gent,aweetnin agent

147) IV emulsion isotonic wth,,Nacl,KCL

148)IP h2O2….20%,80% lyk ques

149)Arsenic test apparatus use??…nessler cylinder

150)Doctor without border smthin lyk ques

151)subsidy definition..

152)dideoxy nucleotide differ frm deoxy nucleotide

by…….less OH at 3rd carbon,More OH at 3rd carbon,lessH at 3rd carbon,more H at

3rd carbon

153)In m-RNA nucleotides are joinee

by…phosphodiester bonds,glycosidic bond,hydrogen bond

154)Vd=X/C related ques,,ans 5 L

155)WOF is stron

base….dimethyaniline,Pyrole,aniline,Pyridine

156)Enteric coated takes time in 0.1 N

hcl…60,120,180,45

157)WOF used in efervesent tablet…citric acid+Na

bicarbonate.

158)Wet granulation vch is nt used…Roler

compactor,sigma blade mixer.

159)Contact angle related ques

160)Draves test,,ans weting angle

161)Cafeeine gives..ans murexide test

162)Meyer’s reagent….

163)Rhem rhizome use…..purgative,carminative,

164)Meltin f DNa increase..adeneni nd

guanine,adenine nd thiamine,cytosine nd thiamine,

165)Topotecan…natural,synthetic,

166)H.pyroli induced hyperacidenia treated by???

167)clonidine….Antihypertensive,

168)Daughter cells divided

in…Prophase,Anaphase,telophase

169)Company acquire vch hospital???..

170)Cyanide 540 UV gives colour……Blue,green,Red

171)PCI constituted by…central govt,state govt…

172)Carbopol….PVA,PVP

173)antioxidant wth reducing

Prop??...tocopherol,hydroxyurea

174)Preservative used in ophthalmic??benzal konium

Cl

175)Pharmaceutical Rotation

by…molecule,crystal,both,None..

176)Increase lipase level indicate vch organ functn

test…

177)USP apparatus 2…ans Paddle..

178)Streptomycin side effect….ans vestibular

disturbance

179)Podophylotoxin…lignan dvt….

180)str of ketone treated wth LiAlH4

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