

## Past Paper for NIPER 2007

NIPER Paper 2011

NIPER Paper 2010

NIPER Paper 2009

NIPER Paper 2007

NIPER Paper 2006

NIPER Paper 2005

NI

All

Q1 stereoisomer which are not mirror image of each other called?

Ans-diastereoisomer

Q2 biphenyl compound are optically active due to

Ans-atropisomer

Q3 reaction a\_\_\_\_\_b

Ans-HgSO<sub>4</sub>/Zn

Q4 which base is preferred for elimination over substitution

Ans-ethoxide

cyclic chain analogue of sugar is called?

Ans-epimer

Q6 fig a fig b are

Ans-epimer

Q7 compared to p-nitrobenzoic acid, p-methoxybenzoic acid is

Ans-less acid

Q8 hybridisation state of carbanion is

Ans-sp<sup>3</sup>

Q9 nucleophilic substitution most favoured in

Ans-2, 4, 6, chlorobenzene

Q10 one stereoisomer is predominating in which reaction? Ans stereoselective

Q11 1, 1-dimethylcyclohexane is optically due to

Ans-absence of restriction rotation

Q12 reagent use for epoxidation is

Ans-cyclopropoxide

Q13 tropic acid is optically inactive

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Ans-absence of chiral centre

Q14 bond length of hydrogen nuclei is

Ans-1.2a

Q15 reagent used in benzoin condensation is

Ans-kcn

Q16 which buffer system provide ph 1.6

Ans citric acid

Q17 pka of drug is 6.7 and ph of medium 7.4 drug is

Ans-positive charge

Q18 ionic product/autoprotolysis, by increase in temperature

ans-increase

Q19 according to Arrhenius theory pseudo base is

Ans-which bring about to donate OH<sup>-</sup>

Q20 monoacidic base is

Ans-base which accept H<sup>+</sup>

Q21 3d arrangement on 2d paper drawn by

Ans-s-newman projection

Q22 addition of alkaline and cold KMnO<sub>4</sub>

Ans-1, 2-diol

Q23 hybridisation state of methyl free radical is

Ans-sp<sup>3</sup>

Q24 one q. On sequence rule

Q25 geometrical isomer is related to

Ans-constitutional isomer

Q26 charged amino acid is

Ans-arginine histidine

Q27 gelatin have isoelectric points is

Ans-6.3

Q28 inulin on hydrolysis to give

Ans-galactosidase

Q29 in protein translation, which amino acid uses

Ans-d. L both

Q30 3d arrangement of protein is

Ans-quaternary structure

Q31 DNA folding is

Ans-catalytic phenomenon

Q32 red colour of blood is due to

Ans-heme and methyl

Q33 degeneracy of genetic code is

Ans-code do not overlap

Q34 restriction endonuclease cut

Ans-DNA and RNA both

Q35 denaturation of protein is by

Ans-heat, Ph, alkali

Q36 Brij is

Ans-polyalkoxy sorbitol fatty acid ester

Q37 histocompatibility is associated to

Ans-antigen

Q38 letter word for tryptophan is

Ans-t

Q39 for sterilisation bacteria following are used

Ans-filtration

Q40 transfer of genetic material to E. coli is called

Ans-transduction

Q41 pyruvic acid enters mitochondria due to

Ans-pyruvate dehydrogenase is mitochondrial enzyme

Q42 oxidation of fats by

Ans-b-oxidation

Q43 which will give max amount of energy

Ans-1, gm of fats

Q44 activation energy of reaction is

Ans constant

Q45 which thing is determine in aids therapy

Ans-cd4 + count

Q46 ion linked receptor are

Ans-gaba, glutamate, ach

Q47 tetracycline given along with

Ans-cimetidine

Q48 which antihypertensive drug is given to patient who is on insulin therapy

Ans-atenolol

Q49 which drug available as transdermal form

Ans-clonidine

Q50 which is extensively metabolised

Ans-lidocaine, propranolol

Q51 first pass metabolism occur by

ans-oral route

Q51 true statement about barbiturates is

Ans-narrow therapeutic index. Enzyme induction

Q52 benzapril is

Ans-ace inhibitor

Q53 patient suffering from glaucoma epilepsy, oedema which drug is preferred

Ans-acetazolamide

Q54 drug used in myasthenia gravis is

Ans-edrophonium

Q55 muscarinic agonist is

Ans-bethanocol

Q56 muscarinic antagonist is

Ans-atropine

Q57pre systemic metabolism cause

Ans-decearse half of drug

Q58 drug absorption effected by

Ans-food, ph of stomach, dease state

Q59 which factor not affect the drug absorption

Ans-patient colour

Q60 true about renal excretion of drug is

Ans-all drug excreted by glomeralus

Q61 which agent used in removing h. Pylori

Ans-clarithromycin

Q62 sar is

Ans-study about drug struture for chemical steability

Q63 false about metoclopramide is

Ans-decrease prolactine secretion

Q64 morphine heated with con. Hcl give

Ans-aporphine

Q65 a &b chain of insuline is linked by

Ans-sulphide linkage

Q66 sulpher linkage is formed by

ans-by two cystein molecule

Q67 phenyl glycine chain is seen in

Ans-ampicilline

Q68 hall mark of diabetic mellitus is

Ans-hyperglycemia

Q69 which drug used in cerebral malaria

Ans-quinine

Q70 which drug is contraindicated with pyrimethamine is

Ans-quinacrine

Q71 e. Histolytica infective state is

Ans-trophozoite

Q72 which of following cause release of histamine

Ans-stomach secretion

Q73 stomatitis is called

Ans-inflammation of gastric mucosa

Q74 allergic response is due to which antibodies

Ans-iga

Q75 which is true about norepinephrine

Ans-increase bp cardiac potential

Q76 aspirin causes

Ans-decrease mucous production

Q77 moa of antihyperlipidemic is

Ans-inhibit hmg coa reductase

Q78 due to decrease of phosphate level which level is increase

Ans-phosphate

Q79 mannitol is not given orally due to

Ans-orally toxicity, unpleasant taste, not absorb orally

Q80 mannitol is

Ans-osmotic diuretic

Q81 andrographolide is obtained from

Ans-kalmegh

Q82 kuktoside is another name of

Ans-gentiana lutea

Q83 camphothicin inhibit

Ans-topoisomerase-1

Q84 which enzyme break down glycosidase bond

Ans-amylase

Q85 suberin is present in

Ans-cork cell

Q86 which is naturally emulsifying agent

Ans-acacia

Q87 drug resistance occur due to

Ans-spontaneous mutation

Q88 quality test of suppository is

Ans-melting point, breaking test, dissolution

Q89 sequence of drug dissolution is

Ans-breaking disintegration, deaggregation dissolution

Q90 Noyes Whitney equation is for

Ans-drug dissolution

Q91 hydrophobicity is related

Ans-drug solubilisation

Q92 Hensen paddle test used for

Ans-determination of viscosity of semisolid

Q93 particle size used in sedimentation is

Ans-1 – 1200micron

Q94 unit of viscosity

Ans-poise

Q95 relative gravitational force is ratio of

Ans- $\frac{rgf}{gf}$

Q96 tandem is

Q97 ratio of methyl and propyl paraben is

ans-2.5

Q98 for coating which is used

Ans-hPMC & CMC

Q99 monometric is used in

Ans-transdermal system

Q100 autoclave work on

Ans-high pressure

Q101 treated soda lime glass used for preantral purpose in condition of

Q102 ethenyl oxide killed by

Ans-alkalytic dna strand

Q103 de flocculated suspension is

Ans-dilant system

Q104 vanihing cream is

Ans-emulsion base

Q105 in which system dot pattern observed

Ans-o/w

Q106 calcium phosphate is used as

Ans-compressed vehicle

Q107 garlic contain

ans-diallyl propyl

Q108 binomial nomenclature related

Ans-specise & genus

Q109 disintegration time of uncoated is

Ans-15 minute

Q110 type 1 dissolution appratus is

Ans-rotating basket type

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