

[NIPER2011 PAPER](#)

NIPER 2011 paper

sequence of steps involved in the PCR??
denaturation, annealing and ____

Bond strength order in case of C-H, C-C, H-H, C-Cl

in which of the following, nucleophilic substitution takes place through benzyne formation
a. nitro benzene b. picric acid c. p-methoxy nitro benzene d. ____

Ad:Be:Cr:??? (something like that) ans was Dx

shape of vasaka leaf??
lanceolate, obovate

which of the following is from marine source
a. protamine b. pralidoxime c. both d. none

drug acting on translocation step??? macrolide

drug binding to 30s site??? TC

equation used for calculation of buffers pH is ?

drug which increases QT interval prolongation?

Vd calculation.

which of the following drug is used in treatment of diarrhoea?

D-glyceraldehyde configuration??

which is more basic? pyrrole, aniline, pyridine, N,N dimethylaniline?

units for molar extinction coefficient

which of the following Immunoglobulin activates complement system??
a. IgG b. IgM c. IgD d. IgE

which of the following Immunoglobulin is responsible for allergic reaction???

which of the following Immunoglobulin is used as solubilizer for Vit A and???

a. peg b. peg and lanolin ester (not exactly remember)

type of instrumentation used for quantitative analysis? GC UV NMR IR

A man completes some distance in 8 hrs. He travels first half at 40 KPH and rest at 60 KPH.

What is the total distance covered?

precursor of psoraline?

mitochondria is involved in a. fat production b) glu production c) electron

transport...

CAP is used as an enteric material. It solubilises at (a) 2.5 (b) 4.5 (c) 5.5

Who coined the term Pharmacognosy?

h.pylori cause?

tonicity adjustifier used in parenterals?

which is not a brand of Dabur? Glucose D, odomos, nihar, meswak

limit test apparatus for arsenic? nessler's cylinder, kjeldahl's app., kipps app.... gutzeit

app...

agar pectin agar contains? glu. uronic acid..

the following one is not a disaccharide
glucopyranose maltose sucrose lactose

Antioxidant with red. agent property?

Tocopherol, thiourea,

which tissue comes to equilibrium first

a. heart b. liver c. fat d. brain

glycolysis occurs in? cytosol

which type of reaction occurs more in water than in D_2O

a. SN_1 b. SN_2 c. elimination d. none

schedule deals with disinfectants ? ans schedule o

which form of drug is more absorbable? ans: unionized

ion form of drug is more seen in
a. urine b. blood c. serum d.....

ph of blood is???????? 7.4

wet granulation is not done by
a. roller compactor b. planetary mixer c.....

the use of sodium saccharin in parenterals
a. sweetener b. solubiliser c. bulking agent d. stabilizer

rhubarb used as?
a. sweetener b. purgative c. bitter d. carminative

SN2 reaction is??
Inversion of configuration

Cycloaddition by??
Diels alder reaction

+nt BCCI chief?
Sashank manohar

Brand endorsed by sania mirza?
Complain, boost, horlicks, bournv
ita

dry powder type of injections are prepared by
a. dry heat sterilization b. autoclaving c. aseptic filling d. gas sterilization

preservative used in ophthalmic solutions
a. benzalkonium chloride b. chloro cresol

condensed tannins are
a. cyanidins b. procyanidins c. proanthocyanidins

ADH hormone regulates
a. blood glucose b. serum calcium level c. urine conc d. all

pharmacy council of india is formed by?
a. central gov b. assembly c. parliament d. state gov

gossypol shows chirality because of?

a. chirality of carbon b. chirality of nitrogen c. restriction of rotation

what is the annual income of country?

morphine was discovered in?

a. 1804 b. 1904 c. 1920 d. 1820

subsidy means?

3rd gen sulpha anti diabetic drug

a. gliclazide b. phenformin c. metformin d. repaglinide

drug used in the preterm delivery? oxytocin, sulprostone, atosiban,

the anti tubercular drug that does not show hepatotoxicity?

a. rifampicin b. ethionamide c. pyrazinamide d. streptomycin

Mayer's reagent is?

Songs of sword and blood: a daughter's memoir is written by?? 1. Fatima Bhutto 2. Priyanka

Gandhi

In English knowledge audacious means?,

magnanimous means?

rebate means?

graphic means??

Limit test of arsenic is conducted in _____ apparatus

Mannitol used in chewable tablet because of which property? ans: negative heat of solution

Optical rotation can be shown by

a. molecule b. crystal c. both d. none

Salbutamol shows reduction in activity on prolonged usage because of?

a. receptor up regulation b. receptor down regulation c. receptor sensitization

A vehicle travels a distance in 8 hrs. if it travels 1st half at 40 km/hr and rests at 60

km/hr. then what is the total distance it travels?

which of the following technique can transfer crystalline form into amorphous form?

a. spray drying b. freeze drying c. micronization d. none

what is the prodrug of aspirin?

a. aspirin b. salicylic acid c. salicylic acid D. naproxen

dicalcium phosphate is not used as diluent in chewable tabs

most commonly used diluent in chewable tablets is mannitol

ultrashort acting barbiturate-----thiopental sodium

increase in lipase levels indicate which organ dysfunction?

DNA polymerase contains 3'-5' polymerase and 5'-3' exonuclease

what is the IR spectrum of acetone? change in dipole moment

Wittig reaction? phosphorous.

antidote for heparin? protamine

IUPAC of propranolol

nature of stationary and mobile phase in reversed phase chromatography?

what is this family of Bael?

chief constituents of podophyllum?

which of the following is having hepatotoxicity 1. rifampicin 2. pyrazinamide 3. ethambutol 4. streptomycin

Platelets are synthesized from which cells

IR Range for N-H stretch?

vulcanizing agent used in rubber?

highly permeable plastic polymer? polystyrene, nylon, LDPE

which of the following polymer is not sterilized?

erythrose and threose are diastereomers

Kaya Skin clinic related to company? Zydus

reliance overtook which flying Unit or company, 1.kinfisher 2. deccan 3.jet airways

Kaolin is Purified.....???

proof strength of h₂o₂ accng to Ip?

carbopols r?