

Past Paper for NIPER 2011

NIPER Paper 2011

NIPER Paper 2010

NIPER Paper 2009

NIPER Paper 2007

NIPER Paper 2006

NIPER Paper 2005

NI  All

- 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?

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- 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
- imit test appratus for arsenic? nesslerers cylinder, kjeldahls app. kipps app _____gutzeit
- app...
- agaro pectin agar contains? glu. Uronic acid.
- the following one is nt a disaccharide
- glucopyranose matltose sucrose lactose
- Antioxidant wid red. Agent property?
- Tocopherol, thiourea

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- Which tissue comes to d equilibrium first
- a. Heart
- b. Liver
- c. Fat
- d. Brain
- glycolysis occurs in? cytosol
- Which type of reaction occurs more in water than in d₂O
- a. S_N1
- b. S_N2
- 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. Sweetner
- b. Solubiliser
- c. Bulking agent
- d. Stabilizer

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- rhubarb used as?
 - a. Sweetner
 - 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 r 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 r
 - a. Cynadins
 - b. Procynadins
 - c. Proanthocyanidins
- ADH hormone regulates
 - a. Blood glucose

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- b. Serum calcium level
- c. Urine conc
- d. All
- pharmacy council of india is formed by?
- a. Cenral 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 d annual income of country?
- morphine was discovered in?
- a. 1804
- b. 1904
- c. 1920 c. 1820
- sabsidi means?
- 3rd gen sulpha anti diabetic drug
- a. Gimpride
- b. Phenformin
- c. Metformin
- d. Repaglinide
- drug used in the preterm delivery? oxytocin, sulfoprostone, atosiban
- the anti tubucular drug that does nt show hepatotoxicity?
- a. Rifampicin
- b. Ethionamide
- c. Pyrazinamide

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- d. Streptomycin
- mayers reagent is?
- songs of sword and blood: a daughters memoir is written by? 1. Fatima bhuto 2. Priyanka
- gandhi
- in eng 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 then 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

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- b. Sulphazeline
- c. Sulindac
- 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' to 5' polymerase and 5' to 3' exonuclease
- What is responsible for IR spectra? Change in dipole moment
- Wittig reaction? phosphorous.
- antidote for heparin?
- IUPAC of propanolol
- Nature of stationary phase 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 LDPA
- 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. Kingfisher 2. Deccan 3, jet airways
- Kaolin is purified _____?
- Proof strength of H₂O₂ according to I.P?
- carbopols are?

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Discussions & Questions

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[1 Answer](#)

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