

"The major property of Ayurvedic herbs, "Rasa" indicates

1 point

- ☐ Taste
- ☐ Post digestive effect
- ☐ Potency
- ☐ Physicochemical properties

Except one of the following pairs represent drugs used in the treatment of glaucoma and their primary mechanism. Select the wrong pair from the following

1 point

- ☐ Topical prostaglandin analogues: Increase aqueous outflow
- ☐ Topical beta-adrenergic blockers: Decrease aqueous outflow
- ☐ Topical miotics: Increase aqueous outflow
- ☐ Topical carbonic anhydrase inhibitors: Decrease aqueous formation

Auto rhythmicity is present in which of the following group of tissues ?

1 point

- ☐ Skeletal muscle and cardiac muscle
- ☐ Skeletal muscle and visceral smooth muscle
- ☐ Cardiac muscle and neuronal tissue
- ☐ Cardiac muscle and visceral smooth muscle



During the denaturation cycle in polymerase chain reaction the temperature is raised to: 1 point

- ☐ 90 - 98°C
- ☐ 60 - 68°C
- ☐ 70 - 78°C
- ☐ 80 - 88°C

The general purpose sodalime glass is not a suitable material for fabricating the container for 1 point

- ☐ Parenteral
- ☐ Oral solutions
- ☐ Liquids for external use
- ☐ Dry powders

In which year India signed General Agreement on Trade and Tariffs (GATT) including Trade Related Intellectual Property Rights (TRIPS) 1 point

- ☐ 1996
- ☐ 1994
- ☐ 1992
- ☐ 1990



A fixed oil when added to an equal volume of ethanol; clear liquid is obtained; 1 point  
on cooling at 0°C and on storage for three hours, the liquid remains clear  
such fixed oil is identified as :

- ☐ Castor Oil
- ☐ Soyabean oil
- ☐ Neem oil
- ☐ Evening Primrose oil

In shikimic acid pathway, chorismate mutase converts chorismic acid to 1 point

- ☐ Carotenoids
- ☐ Phytol
- ☐ Prephenate (Prephenic acid)
- ☐ Gutta

Standards to be complied under D & C act -1940 for drugs imported, 1 point  
manufactured, stocked and exhibited for sale or distribution are covered  
under

- ☐ Schedule M
- ☐ Second Schedule
- ☐ First Schedule
- ☐ Schedule L



In colour test for alkaloids colchicine with mineral acids gives

1 point

- ☐ Blue colour
- ☐ Red colour
- ☐ Yellow colour
- ☐ Violet colour

Nicotine from tobacco is an alkaloid which is

1 point

- ☐ Oxygen free liquid
- ☐ Semisolid
- ☐ Crystalline
- ☐ Oxygen free solid

In solid-solid mixing, large scale continuous type of mixer is

1 point

- ☐ Sigma blender
- ☐ Ribbon blender
- ☐ Zigzag blender
- ☐ Twin shell blender

Which one of the following is not affected in respiratory tuberculosis

1 point

- ☐ Pleural cavity
- ☐ Mediastinal lymph nodes
- ☐ Pericardium
- ☐ Larynx



Identify phase of clinical trial having following features

1 point

Trial is conducted on about 3000 patients

Purpose of trial is therapeutic confirmation

Safety and tolerability is evaluated on wider scale

Completion of trial is followed by New Drug Application (NDA) Options –

- ☐ Phase - III
- ☐ Phase – I
- ☐ Phase - IV
- ☐ Phase - II

Which of the following Microorganism is used for the effective synthesis of interferon

1 point

- ☐ Micrococcus Luteus
- ☐ Bacillus Subtilus
- ☐ Saccharomyces Cerevisiae
- ☐ Pseudomonas Aureginosa

In yam, the presence of, irregular arrangement of the fibres, the ends of which often project from the surface is because of

1 point

- ☐ Absence of linters
- ☐ Absence of combing
- ☐ Presence of impurities
- ☐ Improper drying



In International organization for standardization (ISO), standard pertaining to quality system model for quality assurance in production, installation and servicing is given under 1 point

- ☐ ISO 9002
- ☐ ISO 9000
- ☐ ISO 9001
- ☐ ISO 9004

In Aloe the mucilage containing parenchymatous cells are present in 1 point

- ☐ Central parenchymatous region
- ☐ Pericyclic cells
- ☐ Epidermis
- ☐ Vascular bundles

