

Question Paper Preview

Question Paper Name:	Pharmacy 2nd May 2019 S1
Subject Name:	Pharmacy
Duration:	120
Share Answer Key With Delivery Engine:	Yes
Actual Answer Key:	Yes

	Pharmacy
Display Number Panel:	Yes
Group All Questions:	No

Question Number : 1 Question Id : 250107481 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The bitter taste of saffron is due to the presence of:

- Options :
- 1. Picrocrocin
 - 2. Crocin
 - 3. Crocetin
 - 4. Carotene

Question Number : 2 Question Id : 250107482 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following favours root formation in plant tissue cultures?

- Options :
- 1. Zeatin
 - 2. High cytokinin and low ethylene

3. High cytokinin and low auxin

4. High auxin and low cytokinin

Question Number : 3 Question Id : 250107483 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Vein islet numbers for Alexandrian senna is about 25.0-29.5 while that for Indian/Tinnevelly senna is _____.

Options :

1. 22.5-25.5

2. 15.5-18.5

3. 19.0-22.5

4. 29.0-32.5

Question Number : 4 Question Id : 250107484 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

In Raymond's test _____ colour due to presence of active methylene group.

Options :

1. blue

2. deep red

3. violet

4. yellowish orange

Question Number : 5 Question Id : 250107485 Question Type : MCQ Option Shuffling : Yes Display On

The linters are the short hairs used in the manufacture of

Options :

1. clothes
2. paper
3. raw cotton
4. absorbent cotton

Question Number : 6 Question Id : 250107486 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The purified internal fat obtained from the abdomen of the hog sus scrofa is

Options :

1. Spermaceti
2. Lard
3. Suet
4. Musk

Question Number : 7 Question Id : 250107487 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Irritant purgative is

Options :

1. Isapgol seeds
2. Guar gum
3. Agar

4. Senna

Question Number : 8 Question Id : 250107488 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Which of the following largely remains constant with age for a species?

Options :

1. Palisade ratio
2. Stomatal number
3. Stomatal index
4. Vein islet number

Question Number : 9 Question Id : 250107489 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

_____ are main constituents of Balsams

Options :

1. acetic acid + benzoic acid
2. cinnamic acid + hydrochloric acid
3. benzoic acid + sulphuric acid
4. benzoic acid + cinnamic acid

Question Number : 10 Question Id : 250107490 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Idioblasts containing raphides of calcium oxalate are present in:

Options :

1. Ipecac
2. Digitalis
3. Clove
4. Kurchi

Question Number : 11 Question Id : 250107491 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

In plant tissue cultures, the root or shoot formation is governed by the ratio of

Options :

1. Auxin to cytokinin
2. Cytokinin to Adenine
3. Auxin to Absciscic acid
4. Ethylene to Abscisin II

Question Number : 12 Question Id : 250107492 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Gum Tragacanth is the dried gummy exudate obtained by incision from the stems and branches of _____.

Options :

1. *Acacia Arabica*
2. *Astragalus gummifer*
3. *Sterculia tragacantha*

4. *Anogeissus latifolia*

Question Number : 13 Question Id : 250107493 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The proteolytic enzyme obtained from the extract of pancreas of Ox, *Bos Taurus* is _____.

Options :

1. Rennin

2. Diastase

3. Chymotrypsin

4. Pepsin

Question Number : 14 Question Id : 250107494 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Unorganized marine crude drug that lacks gelling property is

Options :

1. Agar

2. Carrageenan

3. Sodium alginate

4. Cod liver oil

Question Number : 15 Question Id : 250107495 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Nicotine contains _____ and _____ heterocycles in its structure.

Options :

1. Pyridine, pyrrole
2. Piperidine, pyrrole
3. Piperidine, pyrrolidine
4. Pyridine, pyrrolidine

Question Number : 16 Question Id : 250107496 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The rose color of calamine is due to the presence of

Options :

1. Calcium oxide
2. Ferric oxide
3. Magnesium oxide
4. Lithium oxide

Question Number : 17 Question Id : 250107497 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

_____ is used to prepare the standard solution in the limit test for sulphate.

Options :

1. Sodium Chloride
2. Lead nitrate
3. Potassium sulphate

4. Copper sulphate

Question Number : 18 Question Id : 250107498 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Bupivacaine is administered through

Options :

1. Oral route
2. Parental route
3. Epidural space
4. Intramuscular route

Question Number : 19 Question Id : 250107499 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

4-choloro benzophenone is a starting material for

Options :

1. Mebendazole
2. Albendazole
3. Thiabendazole
4. Alprazolem

Question Number : 20 Question Id : 250107500 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Esterification of acetylsalicylic acid and paracetamol forms

Options :

1. Benorilate

2. Salicyamide

3. Phenacetin

4. Flufenisal

Question Number : 21 Question Id : 250107501 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which nitroimidazole derivative has Morphalino moiety?

Options :

1. Tinidazole

2. Ornidazole

3. Timorazole

4. Erythromycin

Question Number : 22 Question Id : 250107502 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which isomer of ampicillin is clinically more active than others?

Options :

1. D-(-)

2. L-(-)

3. D-(+)

4. L-(+)

Question Number : 23 Question Id : 250107503 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which one of the following is a centrally acting adrenergic agent useful as an anorexiant?

Options :

1. Fluoxetine
2. Sibutramine
3. Amphetamine
4. Fenfluramine

Question Number : 24 Question Id : 250107504 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

A drug which is synthesized starting from ethylene dichloride is

Options :

1. Isoniazid
2. Ethambutol
3. Ethionamide
4. p-aminosalicylic acid

Question Number : 25 Question Id : 250107505 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Barium chloride is used in the limit-test for

Options :

1. Chlorides

2. Iron

3. Sulphates

4. Arsenic

Question Number : 26 Question Id : 250107506 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Bisacodyl is a

Options :

1. Emollient laxative

2. Bulk forming laxative

3. Stimulant laxative

4. Osmotic laxative

Question Number : 27 Question Id : 250107507 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

10,11-dihydro-5H-dibenzo[b,f]azepine ring is present in _____.

Options :

1. Trazodone

2. Imipramine

3. Maprotiline

4. Spiperone

3. Causes reversible inhibition of acetylcholinesterase by sulphonylation.

4. Causes reversible inhibition of acetylcholinesterase by carbamoylation.

Question Number : 31 Question Id : 250107511 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Sulphonamide group is present in thiazide diuretic at position

Options :

1. 3

2. 6

3. 7

4. 9

Question Number : 32 Question Id : 250107512 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

To prevent dental caries toothpaste containing _____ should be used.

Options :

1. Calcium fluoride

2. Stannous fluoride

3. Sodium fluoride

4. Calcium carbonate

Question Number : 33 Question Id : 250107513 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Azenine ring containing type II diabetes sulfonyl urea derivative

Options :

1. Tolazamide
2. Tolbutamide
3. Chlorpropamide
4. Glibenclamide

Question Number : 34 Question Id : 250107514 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Basic ring present in valdecoxib is

Options :

1. Pyrazole
2. Furan
3. Isoxazole
4. Imidazole

Question Number : 35 Question Id : 250107515 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which one of the following drugs contain a substituted pyrrole nucleus with a dihydroxy heptanoic acid moiety attached to the nitrogen?

Options :

1. Lovastatin
2. Simvastatin
3. Atorvastatin

4. Fluvastatin

Question Number : 36 Question Id : 250107516 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which one of the following anti-histaminic agents can be superimposed on the dextro isomer of chlorpheniramine?

Options :

1. Clemastine
2. Levocetirizine
3. Levo-carbinoxamine
4. Cyclizine

Question Number : 37 Question Id : 250107517 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which one of the following is used in 3D QSAR?

Options :

1. Hansch analysis
2. CoMFA
3. Free-Willison analysis
4. Craig Plots

Question Number : 38 Question Id : 250107518 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The drug acetazolamide chemically is

Options :

1. 5-acetamido-1,3,4-thiadiazole-2-sulphonamide

KCl

4.

Question Number : 41 Question Id : 250107521 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Humectants added in cosmetic preparations generally act by

Options :

hydrogen bond formation

1.

covalent bond formation

2.

complex formation

3.

the action of London forces

4.

Question Number : 42 Question Id : 250107522 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following isn't belonging to the crystallization theory?

Options :

Mier's theory

1.

Kosel theory

2.

Gibbs & Volmer theory

3.

DLVO theory

4.

Question Number : 43 Question Id : 250107523 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Agglomeration in aerosols can be reduced by including

1. Anionic surfactant with HLB greater than 10
2. Cationic surfactant with HLB less than 10
3. Non-ionic surfactant with HLB greater than 10
4. Non-ionic surfactant with HLB less than 10

Question Number : 44 Question Id : 250107524 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Efficiency of HEPA filter was tested by which of the following?

Options :

1. Dioctyl phthalate
2. Liquid paraffin
3. Hydrocarban vapours
4. Ammonium acetate

Question Number : 45 Question Id : 250107525 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The process responsible for higher half-life of drug is _____.

Options :

1. Drug absorption
2. Excretion

3. Metabolism

4. Protein binding

Question Number : 46 Question Id : 250107526 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The property of scattering of light beam directed through a colloidal dispersions is known as

Options :

1. Tyndall effect

2. Hardy's effect

3. Dilling's effect

4. Strokes effect

Question Number : 47 Question Id : 250107527 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The irreversible breakdown of emulsion indicates which of the following?

Options :

1. Creaming

2. Cracking

3. Inversion

4. Sedimentation

Question Number : 48 Question Id : 250107528 Question Type : MCQ Option Shuffling : Yes Display Q

Substances which are added to remove traces of heavy metals to prevent catalytic degradation in formulation is_____.

Options :

1. Sequestering agents
2. Propellants
3. Adsorbents
4. Catalysts

Question Number : 49 Question Id : 250107529 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The maximum percentage of disperse phase that an emulsion can hold without cracking is

Options :

1. 62%
2. 60%
3. 74%
4. 35%

Question Number : 50 Question Id : 250107530 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Surgical dressings are sterilized by which of the following methods?

Options :

1. Moist heat sterilization

- 2. Dry heat sterilization
- 3. Gaseous sterilization
- 4. Radiation sterilization

Question Number : 51 Question Id : 250107531 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following is a model independent approach for comparing the dissolution profile?

Options :

- 1. First order rate constant
- 2. Hixson Crowell's equation
- 3. Similarity factor
- 4. Peppas equation

Question Number : 52 Question Id : 250107532 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The optimum moisture content for hard gelatin capsule shell is _____.

Options :

- 1. 5-8%
- 2. 12-15%
- 3. 15-20%

8-10%

4.

Question Number : 53 Question Id : 250107533 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The length of the line that bisects the particle image is known as

Options :

Feret diameter

1.

Martin diameter

2.

Projected area diameter

3.

Coulter diameter

4.

Question Number : 54 Question Id : 250107534 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Dissolution of gum acacia in water is an example of

Options :

Suspension

1.

Solution

2.

Lyophobic colloid

3.

Lyophillic colloid

4.

Question Number : 55 Question Id : 250107535 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Sodium metabisulphite is an example of

Options :

2. ionic emulsifiers
3. non ionic emulsifiers
4. impurities

Question Number : 61 Question Id : 250107541 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The tablet crushing strength is denoted by _____ of the tablet.

Options :

1. thickness
2. hardness
3. friability
4. disintegration

Question Number : 62 Question Id : 250107542 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The Content uniformity of tablets is used to ensure _____.

Options :

1. bioequivalence
2. dissolution
3. potency
4. purity

Question Number : 63 Question Id : 250107543 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Options :

1. Ascorbic acid
2. Tocopherol
3. EDTA
4. Sodium citrate

Question Number : 69 Question Id : 250107549 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Hepatic first-pass effect cannot be avoided by administering the drug _____.

Options :

1. sublingually
2. intramuscularly
3. perorally
4. subcutaneously

Question Number : 70 Question Id : 250107550 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Selenium sulphide is used in the treatment of _____.

Options :

1. Dandruff
2. Toothache
3. Acne

1. Schedule C

2. Schedule G

3. Schedule H

4. Schedule W

Question Number : 74 Question Id : 250107554 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Standards for mechanical contraceptives is laid down in schedule _____.

Options :

1. M

2. S

3. Y

4. R

Question Number : 75 Question Id : 250107555 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Which of the following Intellectual Property Right is non renewable?

Options :

1. Trade mark

2. Geographical Indication

3. Patent

2. M_3

3. M_1

4. M_4

Question Number : 89 Question Id : 250107569 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

PPAR-gama agonist

Options :

1. Metformin

2. Tolbutamide

3. Acarbose

4. Rosiglitazone

Question Number : 90 Question Id : 250107570 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

The GABA gated chloride ion channels are opened by

Options :

1. Morphine

2. Phenytoin

3. Phenobarbital

6.5-8.0

3.

8.5-12.5

4.

Question Number : 101 Question Id : 250107581 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Amphiprotic solvents are _____

Options :

aprotic and protophilic

1.

protophilic and protogenic

2.

protogenic and aprotic

3.

protophilic, protogenic and aprotic

4.

Question Number : 102 Question Id : 250107582 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Nernst equation is used in _____.

Options :

polarography

1.

potentiometry

2.

conductometry

3.

amperometry

4.

Question Number : 103 Question Id : 250107583 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes

2. 3.106

3. 31.06

4. 310.6

Question Number : 118 Question Id : 250107598 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

_____ is used for identification of outliers and rejection of data.

Options :

1. Student F-test

2. Standard deviation

3. Q-test

4. Relative average deviation

Question Number : 119 Question Id : 250107599 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Calibration is an effective remedy to reduce _____ error.

Options :

1. Method

2. Instrument

3. Personal

4. Indeterminate

The source of light in a fluorimeter is _____.

Options :

1. tungsten lamp
2. mercury vapour lamp
3. carbon arc
4. hydrogen discharge lamp

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