Telangana State Council Higher Education

Notations :

1.Options shown in green color and with ✔ icon are correct.

2.Options shown in red color and with ✘ icon are incorrect.

Question Paper Name :	Pharmacy 2nd Aug 2022 Shift 1
Subject Name :	Pharmacy
Creation Date :	2022-08-02 15:45:06
Duration :	120
Total Marks :	120
Display Marks:	Yes
Calculator :	None
Magnifying Glass Required? :	No
Ruler Required? :	No
Eraser Required? :	No
Scratch Pad Required? :	No
Rough Sketch/Notepad Required? :	No
Protractor Required? :	No
Show Watermark on Console? :	Yes
Highlighter :	No
Auto Save on Console?	Yes
Change Font Color :	No
Change Background Color :	No
Change Theme :	No
Help Button :	No
Show Reports :	No
Show Progress Bar :	No

ZOLLEGE.in

Pharmacy

Group Number :	1
Group Id :	34058040
Group Maximum Duration :	0
Group Minimum Duration :	120
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	120
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

ZOLLEGE.in

Pharmacy

Section Id :	34058073
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	120
Number of Questions to be attempted :	120
Section Marks :	120
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	34058073
Question Shuffling Allowed :	Yes

ZOLLEGE.in

Question Number : 1 Question Id : 3405804681 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Choose the correct statement with regard to use of calcitriol

Options :

34058018721. ✗ It is the active form of Vitamin D found in body

34058018722. ✗ It is used especially when immediate effect is desired as in severe deficiencies

34058018723. ✓ It is used to treat hyperphosphatemia & hypercalcemia found in hyperparathyroidism

34058018724. ✗ It is useful in hypocalcemia resulted from Vitamin D deficiency

Question Number : 2 Question Id : 3405804682 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Thiolases are also known as

Options :

34058018725. ✗ Thiokinase

34058018726. ✓ Acetyl coenzyme A acetyltransferases

34058018727. ✗ HMG CoA synthases

34058018728. ✗ Thiophorases

ZOLLEGE.in

Question Number : 3 Question Id : 3405804683 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Ketone bodies are produced by lever during periods of low food intake/starvation from

Options :

34058018729. ✗ Carbohydrates

34058018730. ✗ Proteins

34058018731. ✗ Nucleic acids

34058018732. ✓ Fatty acids

Question Number : 4 Question Id : 3405804684 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The anti scorbutic activity of ascorbic acid resides in the

Options :

34058018733. ✗ (-)isomer

34058018734. ✓ (+) isomer

34058018735. ✗ Mesocompound

34058018736. ✗ Only racemate

ZOLLEGE.in

Question Number : 5 Question Id : 3405804685 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Diazepam is_____ than oxazepam

Options :

34058018737. ✗ More polar

34058018738. ✗ More active

34058018739. ✓ Long acting

34058018740. ✗ Less lipophilic

Question Number : 6 Question Id : 3405804686 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Chemical name of Haloperidol is

Options :

34058018741. ✓ 4-[4-(p-chlorophenyl)-4-hydroxy piperidino]-4-fluorobutyrophenone

34058018742. ✗ 4-[4-(p-chlorophenyl)-4-hydroxy piperidino]-4-chlorobutyrophenone

34058018743. ✗ 4-[4-(p-chlorophenyl)-4-hydroxy piperidino]-butyrophenone

34058018744. ✗ 4-[4-(p-fluorophenyl)-4-hydroxy piperidino]-4-fluorobutyrophenone

ZOLLEGE.in

Question Number : 7 Question Id : 3405804687 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

O-toluidine is used as starting material for the synthesis of

Options :

34058018745. ✗ Lidocaine

34058018746. ✓ Prilocaine

34058018747. ✗ Bupivacaine

34058018748. ✗ Mepivacaine

Question Number : 8 Question Id : 3405804688 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The sulfonylurea derivative, containing azepine ring, useful as hypoglycemic agent

Options :

34058018749. ✗ Tolbutamide

34058018750. ✗ Glyburide

34058018751. ✓ Tolazamide

34058018752. ✗ Glimepiride

ZOLLEGE.in

Question Number : 9 Question Id : 3405804689 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Phenytoin (diphenyl hydantoin), an anti convulsant , is prepared from

Options :

34058018753. ✗ Benzoin and Thiourea

34058018754. ✗ Benzil and thiourea

34058018755. ✗ Benzoin and hydrazine hydrate

34058018756. ✓ Benzil and Urea

Question Number : 10 Question Id : 3405804690 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Combination of amoxicillin and clavulanic acid, results in

Options :

34058018757. ✓ Increase in potency against β-lactamase releasing strains

34058018758. ✗ Prolonged duration of action

34058018759. ✗ Acid stability

34058018760. ✗ Orally effective

ZOLLEGE.in

Question Number : 11 Question Id : 3405804691 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Which one of the barbiturates is long acting

Options :

34058018761. ✗ Secobarbital

34058018762. ✗ Pentobarbital

34058018763. ✓ Phenobarbital

34058018764. ✗ Thiopental

Question Number : 12 Question Id : 3405804692 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The angiotensin-II blocker, which contains benzimidazole moiety

Options :

34058018765. ✗ Losartan

34058018766. ✗ Valsartan

34058018767. ✗ Irbesartan

34058018768. ✓ Telmisartan

ZOLLEGE.in

Question Number : 13 Question Id : 3405804693 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The drug useful in the treatment of hyperthyroidism

Options :

34058018769. ✓ Methimazole

34058018770. ✗ Levothyroxine

34058018771. ✗ Acarbose

34058018772. ✗ Liothyronine sodium

Question Number : 14 Question Id : 3405804694 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Choose the correct statement with regards to SAR of sympathomimetics

Options :

34058018773. ✗ Alpha(α) and β adrenergic activity is independent of 3' and 4' OH groups on aromatic ring of β-phenylethylamines

34058018774. ✓ Amphetamine, which is lacking OH groups on the ring and β-OH group on the side chain is devoid of direct sympathomimetic activity

34058018775. ✗ R & S-enantiomers of NE are almost equally active

ZOLLEGE.in

OH group on the β-carbon of side chain of phenylethylamines greatly enhances the central stimulant property

34058018776. ✖

Question Number : 15 Question Id : 3405804695 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

_____ is the minor metabolite, which is both neurotoxic and urotoxic formed from cyclophosphamide/ifosfamide metabolism

Options :

34058018777. ✔ Chloroacetaldehyde

34058018778. ✖ Aziridinium cation

34058018779. ✖ Carbinolamine

34058018780. ✖ Hydroxy cyclophosphamide

Question Number : 16 Question Id : 3405804696 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Streptomycin is _____ antibiotic

Options :

34058018781. ✖ Polyene

34058018782. ✖ Macrolide

ZOLLEGE.in

34058018783. ✖ β-lactam

34058018784. ✔ Aminoglycoside

Question Number : 17 Question Id : 3405804697 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

In the limit test for Arsenic, yellow stain is produced in the reaction of the following

Options :

34058018785. ✖ Arsenious acid and mercuric choride

34058018786. ✖ Arsenic trioxide and mercuric acetate

34058018787. ✖ Arsine gas and mercuric acetate

34058018788. ✔ Arsine gas and mercuric chloride

Question Number : 18 Question Id : 3405804698 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Choose the incorrect statement

Options :

34058018789. ✖ Ferric ammonium citrate is an haematinic

34058018790. ✔ Stannous fluoride is a dentrifice

ZOLLEGE.in

34058018791. ✖ Calamine contains Zinc oxide and a small proportion of ferric oxide

34058018792. ✖ Milk of magnesia is used as an antacid

Question Number : 19 Question Id : 3405804699 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Choose the correct pair with regards to limit tests

Options :

34058018793. ✖ Iron: Hydrogen sulphide

34058018794. ✔ Chlorides: Silvernitrate

34058018795. ✖ Sulphates: Barium sulphates

34058018796. ✖ Lead : Thioglycollic acid

Question Number : 20 Question Id : 3405804700 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Which one of the following is not a primary standard

Options :

34058018797. ✖ Silver nitrate

34058018798. ✖ Sodium carbonate

ZOLLEGE.in

34058018799. ✓ Potassium permanganate

34058018800. ✗ Sodium chloride

Question Number : 21 Question Id : 3405804701 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The indicator used in some Redox titrations

Options :

34058018801. ✓ Methyl blue

34058018802. ✗ Crystal violet

34058018803. ✗ Methyl orange

34058018804. ✗ Phenolphthalein

Question Number : 22 Question Id : 3405804702 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The colour change at the end point in complexometric titrations of magnesium (Mg^{+2})

with EDTA with Eriochrome black T as indicator

Options :

34058018805. ✗ Blue to yellow

ZOLLEGE.in

34058018806. ✗ Green to Red(Pink)

34058018807. ✗ Violet to colourless

34058018808. ✓ Red to Blue

Question Number : 23 Question Id : 3405804703 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

1000(one thousand) ppm sodium chloride (NaCl) solution is equivalent to

Options :

34058018809. ✓ 0.1%

34058018810. ✗ 1%

34058018811. ✗ 10%

34058018812. ✗ 0.9%

Question Number : 24 Question Id : 3405804704 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Aromatic hydrocarbons show the following electronic transitions

Options :

34058018813. ✗ $n \rightarrow \prod^*$

ZOLLEGE.in

34058018814. ✗ $\prod \rightarrow \sigma(\text{sigma})^*$

34058018815. ✓ $\prod \rightarrow \prod^*$

34058018816. ✗ $(\text{Sigma})\sigma \rightarrow n^*$

Question Number : 25 Question Id : 3405804705 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

_____ is the degree of agreement between measured value and true value of the analyte

Options :

34058018817. ✗ LOD (limit of detection)

34058018818. ✓ Accuracy

34058018819. ✗ Precision

34058018820. ✗ Specificity

Question Number : 26 Question Id : 3405804706 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Choose the correct statement with regard to fluorometry

Options :

ZOLLEGE.in

34058018821. ✗ Mercury vapour lamps are not used in fluorometry

34058018822. ✗ Tungsten lamp is generally used as it gives strong excitation around 450 nm

34058018823. ✗ Hydrogen arc lamps are employed

34058018824. ✓ Deuterium arc lamps are not used in fluorometry as they do not give intense source

Question Number : 27 Question Id : 3405804707 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Which of the following is helpful in extending the life of a column in HPLC

Options :

34058018825. ✗ Sonication

34058018826. ✗ Degassing

34058018827. ✓ Guard column

34058018828. ✗ Gradient elution

Question Number : 28 Question Id : 3405804708 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

In IR spectrum N-H stretching absorption bands are observed in _____ region

Options :

ZOLLEGE.in

34058018829. ✖ 1600-1750 cm^{-1}

34058018830. ✔ 2700-3800 cm^{-1}

34058018831. ✖ 2150-2250 cm^{-1}

34058018832. ✖ 750- 600 cm^{-1}

Question Number : 29 Question Id : 3405804709 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

In electrophoresis of amphoteric substances such as proteins

Options :

34058018833. ✖ The direction of migration is independent of pH of buffer

34058018834. ✖ Better separation is achieved using weakly alkaline buffers

34058018835. ✖ Better separation is achieved using weakly acidic buffer

34058018836. ✔ Direction of migration depends upon whether buffer pH is above or below the isoelectric point of sample

Question Number : 30 Question Id : 3405804710 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Which electrode is used in conductivity cell

ZOLLEGE.in

Options :

34058018837. ✓ Platinum electrode

34058018838. ✗ Silver chloride electrode

34058018839. ✗ Glass electrode

34058018840. ✗ Dropping mercury electrode

Question Number : 31 Question Id : 3405804711 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Keesom forces are attractions between

Options :

34058018841. ✓ Dipole – Dipole

34058018842. ✗ Dipole – induced Dipole

34058018843. ✗ Induced Dipole – Induced Dipole

34058018844. ✗ Ion – induced Dipole

Question Number : 32 Question Id : 3405804712 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Liquid crystalline state exhibited by certain materials is also known as

ZOLLEGE.in

Options :

34058018845. ✗ Gaseous state

34058018846. ✗ Liquid state

34058018847. ✗ Solid state

34058018848. ✓ Mesophase

Question Number : 33 Question Id : 3405804713 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Identify the polymorph of theobroma oil required in suppositories

Options :

34058018849. ✗ Unstable ‘ɤ’ (Gamma) form

34058018850. ✗ ‘α’ (Alpha) form

34058018851. ✓ Stable ‘β’ (Beta)form

34058018852. ✗ β’ Beta prime form

Question Number : 34 Question Id : 3405804714 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Purity and polymorphism can be established by

ZOLLEGE.in

Options :

34058018853. ✓ DSC

34058018854. ✗ TGA

34058018855. ✗ TMA

34058018856. ✗ DTA

Question Number : 35 Question Id : 3405804715 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The shear thinning systems fall under the category of

Options :

34058018857. ✗ Dilatant

34058018858. ✗ Newtonian

34058018859. ✓ Thixotropic

34058018860. ✗ Shear thinning is not possible

Question Number : 36 Question Id : 3405804716 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Identify projected area diameter

ZOLLEGE.in

Options :

34058018861. ✖ It is the diameter of a sphere having same surface area as that of an asymmetric particle.

34058018862. ✖ It is the diameter of a sphere having same volume as asymmetric particle

34058018863. ✔ It is the diameter of a circle with same area as that of the particle observed perpendicular to the surface on which the particle rests

34058018864. ✖ It is the diameter of an equivalent sphere undergoing sedimentation at the same rate as the asymmetric particle

Question Number : 37 Question Id : 3405804717 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Identify the pair where no interface is possible

Options :

34058018865. ✔ Gas – Gas

34058018866. ✖ Solid – Solid

34058018867. ✖ Liquid – Liquid

34058018868. ✖ Gas – Liquid

Question Number : 38 Question Id : 3405804718 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

ZOLLEGE.in

Correct Marks : 1 Wrong Marks : 0

The HLB value of Tween 20

Options :

34058018869. ✖ 15.0

34058018870. ✔ 16.7

34058018871. ✖ 16.9

34058018872. ✖ 40

Question Number : 39 Question Id : 3405804719 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Zeta potential is

Options :

34058018873. ✖ The potential difference between solid surface and electrical neutral region

34058018874. ✖ The potential difference between solid surface and shear plane

34058018875. ✔ The potential difference between shear plane and electrical neutral region

34058018876. ✖ The potential difference between two points in a column of liquid

Question Number : 40 Question Id : 3405804720 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

ZOLLEGE.in

Correct Marks : 1 Wrong Marks : 0

Viscosity: Identify the rotational viscometers from the following pairs

i. Falling sphere viscometer

ii. Cup and bob viscometer

iii. Capillary viscometer

iv. Cone and Plate viscometer

Options :

34058018877. ✗ i & ii

34058018878. ✗ ii & iii

34058018879. ✗ iii & iv

34058018880. ✓ ii & iv

Question Number : 41 Question Id : 3405804721 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Identify mono molecular inclusion complex from following

Options :

34058018881. ✓ Retinoic acid and β - cyclodextrin

34058018882. ✗ Hydroquinone and methyl alcohol

34058018883. ✗ Starch – Iodine complex

34058018884. ✗ Montomorillorite and alcohol complex

ZOLLEGE.in

Question Number : 42 Question Id : 3405804722 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Decimal reduction time is

Options :

34058018885. ✓ Time to reduce the total number of viable organisms by 90 %

34058018886. ✗ Time to reduce the total number of organisms by 10 %

34058018887. ✗ Time to reduce the total number of organisms by 0.1 %

34058018888. ✗ Time to reduce the total number of organisms by 1 %

Question Number : 43 Question Id : 3405804723 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Elimination of a phenolic preservative added in a multi dose vial during sterility testing is

Options :

34058018889. ✓ By dilution

34058018890. ✗ By addition of a chemical reagent

34058018891. ✗ Penicillinase addition

34058018892. ✗ By filtration

ZOLLEGE.in

Question Number : 44 Question Id : 3405804724 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

An aqueous solution of a heat labile drug is to be sterilized. Identify the correct method

Options :

34058018893. ✗ Autoclaving

34058018894. ✓ Filtration through 0.22µm membrane filter

34058018895. ✗ Gaseous sterilization

34058018896. ✗ Filtration through 0.45µm membrane filter

Question Number : 45 Question Id : 3405804725 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Vit. B 12 is assayed microbiologically by

Options :

34058018897. ✓ Turbidimetric

34058018898. ✗ Colorimetric

34058018899. ✗ Agar diffusion

ZOLLEGE.in

34058018900. ✖ End point assay

Question Number : 46 Question Id : 3405804726 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Identify the sterility testing medium for detecting anaerobic organisms

Options :

34058018901. ✔ Fluid thioglycollate medium

34058018902. ✖ Soybean casein digest medium

34058018903. ✖ Nutrient broth

34058018904. ✖ Fluid thioglycollate medium and soybean casein digest medium

Question Number : 47 Question Id : 3405804727 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

If a child gets vaccinated against a microbial disease. Immunity is known as

Options :

34058018905. ✔ Acquired immunity- active artificial

34058018906. ✖ Acquired immunity- artificial passive

34058018907. ✖ Natural immunity

ZOLLEGE.in

34058018908. ✖ Artificial immunity

Question Number : 48 Question Id : 3405804728 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Ag – Ab reaction of toxin and antitoxin is

Options :

34058018909. ✔ Neutralization

34058018910. ✖ Precipitation

34058018911. ✖ Agglutination

34058018912. ✖ Opsonization

Question Number : 49 Question Id : 3405804729 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Serum substance that facilitates phagocytosis is known as

Options :

34058018913. ✔ Opsonin

34058018914. ✖ Precipitin

34058018915. ✖ Agglutinin

ZOLLEGE.in

34058018916. ✗ Prothrombin

Question Number : 50 Question Id : 3405804730 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Low molecular weight antigenic determinant in known as

Options :

34058018917. ✗ Adjuvant

34058018918. ✗ Carrier

34058018919. ✓ Hapten

34058018920. ✗ Vehicle

Question Number : 51 Question Id : 3405804731 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Alum in alum precipitated toxoid functions as

Options :

34058018921. ✓ Adjuvant

34058018922. ✗ Precipitating agent

34058018923. ✗ Complement

ZOLLEGE.in

34058018924. ✗ Antigen

Question Number : 52 Question Id : 3405804732 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Identify the inactivated viral vaccine from the following

Options :

34058018925. ✗ Oral polio vaccine

34058018926. ✓ Rabies vaccine

34058018927. ✗ Hepatitis BsAg

34058018928. ✗ Diphtheria toxoid

Question Number : 53 Question Id : 3405804733 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Identify the pair of live attenuated vaccines

(i) BCG vaccine

(ii) Oral polio (Sabin)vaccine

(iii) Rabies vaccine

(iv) Hepatitis BsAg vaccine

Options :

34058018929. ✓ i & ii

ZOLLEGE.in

34058018930. ✗ ii & iii

34058018931. ✗ ii & iv

34058018932. ✗ i & iv

Question Number : 54 Question Id : 3405804734 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Tetanus antitoxin is a

Options :

34058018933. ✗ Serum containing Abs against Gas gangrene toxin

34058018934. ✗ Serum containing Abs of diphtheria toxin

34058018935. ✓ Serum containing Abs against tetanus toxin

34058018936. ✗ Serum containing Abs against snake venom

Question Number : 55 Question Id : 3405804735 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Monoclonal Abs are

Options :

34058018937. ✗ Antibodies produced by single clone of T-lymphocytes

ZOLLEGE.in

34058018938. ✓ Antibodies produced by single clone of B-lymphocytes

34058018939. ✗ Antibodies produced by multiple clones of B-lymphocytes

34058018940. ✗ Antibodies produced by multiple clones of T -lymphocytes

Question Number : 56 Question Id : 3405804736 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Cholera vaccine is manufactured by cultivating Vibrio Cholera in

Options :

34058018941. ✗ Vero cell cultures

34058018942. ✗ Chick embryo

34058018943. ✗ Rabbits

34058018944. ✓ A suitable nutrient medium

Question Number : 57 Question Id : 3405804737 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Identify the study not relevant to preformulation stage

Options :

34058018945. ✗ Drug excipient compatibility

ZOLLEGE.in

34058018946. ✓ Assay of drug in formulation

34058018947. ✗ Solubility of drug

34058018948. ✗ Solution stability of drug

Question Number : 58 Question Id : 3405804738 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Ostwald ripening is a problem noticed during storage of

Options :

34058018949. ✓ Suspensions with variable sized particles

34058018950. ✗ Suspensions with uniform mono sized particles

34058018951. ✗ Dried nano suspension

34058018952. ✗ Dry syrup for reconstitution

Question Number : 59 Question Id : 3405804739 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Creaming and caking are noticed respectively in

Options :

34058018953. ✗ Nanoemulsions and Nanosuspensions

ZOLLEGE.in

34058018954. ✗ Suspension and Emulsion

34058018955. ✓ Emulsion and Suspension

34058018956. ✗ Nanosuspensions and Nanoemulsions

Question Number : 60 Question Id : 3405804740 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Identify the flocculating agent which has maximum capacity

Options :

34058018957. ✗ NaCl

34058018958. ✗ $MgCl_2$

34058018959. ✓ $AlCl_3$

34058018960. ✗ $CaCl_2$

Question Number : 61 Question Id : 3405804741 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Identify the super disintegrating agent used in tablet making

Options :

34058018961. ✗ Starch

ZOLLEGE.in

34058018962. ✗ Sodium carboxymethyl cellulose

34058018963. ✓ Sodium starchglycolate

34058018964. ✗ Sodium laurylsulfate

Question Number : 62 Question Id : 3405804742 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Identify the largest size hard gelatin capsule

Options :

34058018965. ✓ 000

34058018966. ✗ 0

34058018967. ✗ 5

34058018968. ✗ 1

Question Number : 63 Question Id : 3405804743 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Identify the one which is not suitable as propellant in aerosol

Options :

34058018969. ✗ Compressed CO_2

ZOLLEGE.in

34058018970. ✗ CFC_3 (11 or 12)

34058018971. ✗ Hydrocarbon

34058018972. ✓ Water vapour

Question Number : 64 Question Id : 3405804744 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Identify the biological indicator used in checking the moist heat sterilization efficiency

Options :

34058018973. ✓ B. stearo thermophilus

34058018974. ✗ B. subtilis

34058018975. ✗ P. dimininuta

34058018976. ✗ E. coli

Question Number : 65 Question Id : 3405804745 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Hair conditioner is used for

Options :

34058018977. ✗ Cleaning of hair

ZOLLEGE.in

34058018978. ✗ Colouring of hair

34058018979. ✓ Smoothening and to detangle the hair for combing

34058018980. ✗ Shaving purpose

Question Number : 66 Question Id : 3405804746 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

An ophthalmic solution needs to be

Options :

34058018981. ✗ Hypertonic

34058018982. ✗ Hypotonic

34058018983. ✓ Both sterile and Isotonic

34058018984. ✗ Need not be sterile and Isotonic

Question Number : 67 Question Id : 3405804747 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Cut gut is used as

Options :

34058018985. ✓ An absorbable suturing material

ZOLLEGE.in

34058018986. ✖ Non absorbable suturing material

34058018987. ✖ A synthetic suturing material

34058018988. ✖ Dressing material

Question Number : 68 Question Id : 3405804748 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Calculate the MRT (Mean Residence Time) of a drug when AUC is 43 µg/ml.hr and AUMC is 1870 µg/ml/hr^2

Options :

34058018989. ✔ 4.348 hr

34058018990. ✖ 434.8 hr

34058018991. ✖ 424.8 hr

34058018992. ✖ 4.248 hr

Question Number : 69 Question Id : 3405804749 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Protein binding of the drug

Options :

34058018993. ✖ Affects pharmacokinetics of the drug only

ZOLLEGE.in

34058018994. ✗ Affects pharmacodynamics of the drug only

34058018995. ✓ Affects pharmacokinetics and pharmacodynamics of the drug only

34058018996. ✗ No affects on pharmacokinetics and pharmacodynamics of the drug only

Question Number : 70 Question Id : 3405804750 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Dentifrice is included in

Options :

34058018997. ✗ Cold creams

34058018998. ✗ Vanishing creams

34058018999. ✓ Tooth powder/pastes

34058019000. ✗ Hair creams

Question Number : 71 Question Id : 3405804751 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Bioavailability is measured as

Options :

34058019001. ✓ AUC

ZOLLEGE.in

34058019002. ✗ Tmax

34058019003. ✗ Cmax

34058019004. ✗ $t^{1/2}$

Question Number : 72 Question Id : 3405804752 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Absorption rate constant 'Ka' is determined by plotting percent of drug unabsorbed Vs time. The method is known as

Options :

34058019005. ✗ Henderson – Hasselbach

34058019006. ✓ Wagner – Nelson

34058019007. ✗ Method of Residuals

34058019008. ✗ Loo – Riegelman

Question Number : 73 Question Id : 3405804753 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Drugs with saturation or capacity limited metabolism exhibit

Options :

ZOLLEGE.in

34058019009. ✗ Linear Pharmacokinetics

34058019010. ✓ Non- linear Pharmacokinetics

34058019011. ✗ No pharmacological action

34058019012. ✗ No pharmacokinectics

Question Number : 74 Question Id : 3405804754 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Therapeutic drug monitoring is not important in the following case

Options :

34058019013. ✗ Clozapine therapy

34058019014. ✗ Cyclosporin therapy

34058019015. ✗ Digoxin therapy

34058019016. ✓ Paracetamol therapy

Question Number : 75 Question Id : 3405804755 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Complexation of drug and food component is involved in

Options :

ZOLLEGE.in

34058019017. ✗ Tetracycline – Water intake

34058019018. ✓ Tetracycline – Milk intake

34058019019. ✗ Penicillin G – Water intake

34058019020. ✗ Penicillin G – Milk intake

Question Number : 76 Question Id : 3405804756 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Identify an example for the pharmacokinetic interaction (Inhibition of metabolism)

Options :

34058019021. ✓ Theophylline and erythromycin

34058019022. ✗ Penicillin – probenecid

34058019023. ✗ Digoxin – verapamil

34058019024. ✗ Levodopa – pyridoxine

Question Number : 77 Question Id : 3405804757 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

GCP deals with obtaining of data in

ZOLLEGE.in

Options :

34058019025. ✓ Human clinical study

34058019026. ✗ Non clinical study

34058019027. ✗ Preclinical study

34058019028. ✗ Good Cleaning Practices

Question Number : 78 Question Id : 3405804758 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

β-cells of Islets of Langerhans are not functioning and result in

Options :

34058019029. ✓ Diabetes mellitus

34058019030. ✗ Diabetes insipidus

34058019031. ✗ Gestational diabetes

34058019032. ✗ Type II diabetes

Question Number : 79 Question Id : 3405804759 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

Arterial Plaques formed in the blood vessels of heart contribute for

Options :

34058019033. ✗ Homeostasis

34058019034. ✗ Cholestasis

34058019035. ✓ Atherosclerosis

34058019036. ✗ Aortic stenosis

Question Number : 80 Question Id : 3405804760 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Cirrhosis is related to the damage of

Options :

34058019037. ✓ Liver

34058019038. ✗ Heart

34058019039. ✗ Brain

34058019040. ✗ Spleen

Question Number : 81 Question Id : 3405804761 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

ZOLLEGE.in

From paracetamol tablets produced by two manufactures (500 mg) (after oral administration in individual), the drug reaches the systemic circulation in similar relative rate and similar extent. The tablet brands are said to be

Options :

34058019041. ✗ Chemical equivalent

34058019042. ✓ Bioequivalent

34058019043. ✗ Pharmaceutical equivalent

34058019044. ✗ Therapeutic equivalent

Question Number : 82 Question Id : 3405804762 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Heroin is controlled under this law

Options :

34058019045. ✗ Pharmacy Act, 1948

34058019046. ✗ Drugs and cosmetics Act, 1940 and rules 1945

34058019047. ✓ Narcotic Drugs and psychotropic substances Act, 1985

34058019048. ✗ Medicinal and Toilet preparations Act, 1955

Question Number : 83 Question Id : 3405804763 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time

ZOLLEGE.in

: N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

For a registered pharmacist – Education regulations are covered under

Options :

34058019049. ✓ Pharmacy Act, 1948 and its amendments

34058019050. ✗ Drugs and cosmetics Act, 1940 and rules 1945

34058019051. ✗ Drugs price control order

34058019052. ✗ UGC Act, 1955

Question Number : 84 Question Id : 3405804764 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Continuous product quality is ensured in industry by

Options :

34058019053. ✓ Quality assurance division

34058019054. ✗ Quality control division

34058019055. ✗ Production division

34058019056. ✗ Raw material procurement

Question Number : 85 Question Id : 3405804765 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time

ZOLLEGE.in

: N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Manufacture, storage and supply of vaccines are regulated by the provisions of

Options :

34058019057. ✗ Pharmacy Act, 1948

34058019058. ✓ Drugs and cosmetics Act, 1940 and rules made under it

34058019059. ✗ Narcotic Drugs and Psychotropic sub Act, 1985 and its rules

34058019060. ✗ Drug Price control order

Question Number : 86 Question Id : 3405804766 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Bradycardia, caused by vagal stimulation, can be blocked by

Options :

34058019061. ✗ Phenylephrine

34058019062. ✗ Metoprolol

34058019063. ✓ Atropine

34058019064. ✗ Prazocin

Question Number : 87 Question Id : 3405804767 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time

ZOLLEGE.in

: N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The bacterial enzyme, azoreductase, present in the intestines causes conversion of the following prodrug to the active form

Options :

34058019065. ✖ Rabeprazole

34058019066. ✔ Sulfasalazine

34058019067. ✖ Acyclovir

34058019068. ✖ Lovastain

Question Number : 88 Question Id : 3405804768 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The prosta glandin analog, that is useful specifically to treat glaucoma

Options :

34058019069. ✖ Misoprostol

34058019070. ✖ Alprostadil

34058019071. ✖ Epoprostenol

34058019072. ✔ Latanoprost

Question Number : 89 Question Id : 3405804769 Question Type : MCQ Option Shuffling : Yes

ZOLLEGE.in

Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Choose the correct statement with respect to ethosuximide

Options :

34058019073. ✖ It is an antiepileptic, only useful in Tonic –clonic seizures

34058019074. ✖ Antiepileptic acts by blocking Na^+ channels

34058019075. ✔ It acts by inhibiting T-type calcium channels

34058019076. ✖ It is useful only in Status epilepticus

Question Number : 90 Question Id : 3405804770 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The agent which is not having a direct bronchodilatory action

Options :

34058019077. ✖ Salbutamol

34058019078. ✖ Aminophylline

34058019079. ✖ Adrenaline

34058019080. ✔ Prednisolone

Question Number : 91 Question Id : 3405804771 Question Type : MCQ Option Shuffling : Yes

ZOLLEGE.in

Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Elevated Plus Maze and Morris Water Maze are used to evaluate

Options :

34058019081. ✗ Antihypertensives

34058019082. ✗ Hypoglycemics

34058019083. ✗ Hepatoprotectives

34058019084. ✓ Nootropics

Question Number : 92 Question Id : 3405804772 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

_____ is a proton pump inhibitor

Options :

34058019085. ✓ Rabeprazole

34058019086. ✗ Ranitidine

34058019087. ✗ Sucralfate

34058019088. ✗ Simethicone

Question Number : 93 Question Id : 3405804773 Question Type : MCQ Option Shuffling : Yes

ZOLLEGE.in

Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Choose the correct statement with regard to glitazone (Thiazolidinedione) oral hypoglycemic

Options :

34058019089. ✗ They act by inhibiting α – glucosidase

34058019090. ✗ They cause increase in insulin resistance

34058019091. ✓ They cause weight gain by increasing subcutaneous fat or fluid retention

34058019092. ✗ It cause severe lactic acidosis

Question Number : 94 Question Id : 3405804774 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The cytotoxic agent acting as a S-Phase specific DNA synthesis inhibitor

Options :

34058019093. ✗ Cyclophosphamide

34058019094. ✓ Hydroxyurea

34058019095. ✗ Bleomycin

34058019096. ✗ Docetaxel

ZOLLEGE.in

Question Number : 95 Question Id : 3405804775 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The following is used as a oral antico-agulant

Options :

34058019097. ✖ Enoxaparin

34058019098. ✖ Heparin

34058019099. ✖ Lepirudin

34058019100. ✔ Warfarin

Question Number : 96 Question Id : 3405804776 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

All β-blockers are effective in alleviating the symptoms of hyperthyroidism, but only one of the following β-blocker is effective in inhibiting peripheral conversion of T4 to the active form (T3)

Options :

34058019101. ✖ Timolol

34058019102. ✔ Propranolol

34058019103. ✖ Atenolol

ZOLLEGE.in

34058019104. ✗ Metoprolol

Question Number : 97 Question Id : 3405804777 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Which of the following selective estrogen receptor modulator (SERM) is useful to treat infertility

Options :

34058019105. ✓ Clomiphene

34058019106. ✗ Tamoxifen

34058019107. ✗ Raloxifene

34058019108. ✗ Toremifene

Question Number : 98 Question Id : 3405804778 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Choose the right pair with regard to bioassay methods

Options :

34058019109. ✗ Oxytocin: Matching method using guinea pig ileum

34058019110. ✗ Histamine: Interpolation using rat uterine horn

ZOLLEGE.in

34058019111. ✗ Insulin : Brocketing method using rat blood pressure

34058019112. ✓ Serotonin: Three point bioassay using rat fundus strip

Question Number : 99 Question Id : 3405804779 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Which of the following opium related antitussive drugs has very low addicting properties

Options :

34058019113. ✓ Noscapine

34058019114. ✗ Heroin

34058019115. ✗ Codiene

34058019116. ✗ Dextromethorphan

Question Number : 100 Question Id : 3405804780 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Acetazolamide is a/an

Options :

34058019117. ✗ Loop diuretic

34058019118. ✗ High ceiling diuretic

ZOLLEGE.in

34058019119. ✖ Potassium sparing diuretic

34058019120. ✔ Carbonic anhydrase inhibitor

Question Number : 101 Question Id : 3405804781 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Which of the following pair is an example for chemical classification of crude drugs

Options :

34058019121. ✖ Liquorice, Rauwolfia

34058019122. ✖ Senna, Vasaka

34058019123. ✖ Kurchi, Cascara

34058019124. ✔ Squill, Strophanthus

Question Number : 102 Question Id : 3405804782 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Proto alkaloids are mainly present in

Options :

34058019125. ✖ Ipecac

34058019126. ✖ Areca

ZOLLEGE.in

34058019127. ✓ Gloriosa

34058019128. ✗ Duboisia

Question Number : 103 Question Id : 3405804783 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Kalmegh consists of dried leaves and tender shoots of

Options :

34058019129. ✗ Lawsonia inermis

34058019130. ✓ Andrographis paniculata

34058019131. ✗ Solanum khasianum

34058019132. ✗ Brassica nigra

Question Number : 104 Question Id : 3405804784 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Gaultheria procumbens belongs to the family

Options :

34058019133. ✗ Umbelliferae

34058019134. ✗ Compositae

ZOLLEGE.in

34058019135. ✓ Ericaceae

34058019136. ✗ Iridaceae

Question Number : 105 Question Id : 3405804785 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Which of the following crude drug shows a crystal sheath to each group of phloem fibers in its transverse section

Options :

34058019137. ✗ Cassia

34058019138. ✓ Cascara

34058019139. ✗ Cinchona

34058019140. ✗ Cinnamon

Question Number : 106 Question Id : 3405804786 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Phyllemblin is a

Options :

34058019141. ✗ Catechol tannin

ZOLLEGE.in

34058019142. ✗ Condensed tannin

34058019143. ✓ Hydrolysable tannin

34058019144. ✗ Phloba tannin

Question Number : 107 Question Id : 3405804787 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Which of the following is not a plant exudates

Options :

34058019145. ✗ Indian tragacanth

34058019146. ✓ Guar gum

34058019147. ✗ Karaya gum

34058019148. ✗ Indian acacia

Question Number : 108 Question Id : 3405804788 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Esters or mixture of esters of fatty acids with high molecular weight monohydric alcohols are present in

Options :

34058019149. ✓ Spermaceti

ZOLLEGE.in

34058019150. ✖ Cocoa butter

34058019151. ✖ Almond oil

34058019152. ✖ Ricebran oil

Question Number : 109 Question Id : 3405804789 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Which of the following grows well in well drained loamy alkaline soils

Options :

34058019153. ✔ Isapgol

34058019154. ✖ Cinchona

34058019155. ✖ Tea

34058019156. ✖ Tobacco

Question Number : 110 Question Id : 3405804790 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The antirachitic activity of cod liver oil is due to the presence of

Options :

34058019157. ✖ Retinol

ZOLLEGE.in

34058019158. ✓ Cholecalciferol

34058019159. ✗ Stearin

34058019160. ✗ Tocopherol

Question Number : 111 Question Id : 3405804791 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Which of the following contains a C-glycoside

Options :

34058019161. ✗ Bitter almond

34058019162. ✗ Brahmi

34058019163. ✗ Jalbrahmi

34058019164. ✓ Cochineal

Question Number : 112 Question Id : 3405804792 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Umbelliferon is a derivative of

Options :

34058019165. ✗ Benzo-beta-pyrone

ZOLLEGE.in

34058019166. ✓ Benzo-alpha-pyrone

34058019167. ✗ Benzo-gamma-pyrone

34058019168. ✗ 1,4-benzopyrone

Question Number : 113 Question Id : 3405804793 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Powdered Liquorice shows orange yellow colour or deep yellow colour with 80% sulphuric acid due to transformation of

Options :

34058019169. ✗ Glycyrrhizin to glycyrrhetinic acid

34058019170. ✗ Glycyrrhizin to glycyrrhizinic acid

34058019171. ✗ Liquiritin to isoliquiritin

34058019172. ✓ Liquiritigenin to liquiritin

Question Number : 114 Question Id : 3405804794 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Which of the following is levorotatory

Options :

ZOLLEGE.in

34058019173. ✗ Lemon oil

34058019174. ✗ Dill oil

34058019175. ✓ Peppermint oil

34058019176. ✗ Fennel oil

Question Number : 115 Question Id : 3405804795 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Casssia bark is found in the form of

Options :

34058019177. ✓ Single Quills/Channelled pieces

34058019178. ✗ Double quills

34058019179. ✗ Recurved pieces

34058019180. ✗ Flats/ Recurved pieces

Question Number : 116 Question Id : 3405804796 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Sulfur test is positive for

Options :

ZOLLEGE.in

34058019181. ✗ Cotton wool

34058019182. ✗ Silk

34058019183. ✗ Fibroin

34058019184. ✓ Wool

Question Number : 117 Question Id : 3405804797 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Which of the following is an anti-protozoal agent

Options :

34058019185. ✓ Emetine

34058019186. ✗ Caffeine

34058019187. ✗ Pilosine

34058019188. ✗ Vasicine

Question Number : 118 Question Id : 3405804798 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Which of the following indole alkaloid is used in the treatment of glaucoma

Options :

ZOLLEGE.in

34058019189. ✖ Brucine

34058019190. ✔ Physostigmine

34058019191. ✖ Reserpine

34058019192. ✖ Atropine

Question Number : 119 Question Id : 3405804799 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Asafoetida is a

Options :

34058019193. ✖ Balsamic resin

34058019194. ✖ Oleo-resin

34058019195. ✖ Resene

34058019196. ✔ Oleo-gum-resin

Question Number : 120 Question Id : 3405804800 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Which of the following (used in plant tissue culture media) is rich in cytokinins

Options :

ZOLLEGE.in

34058019197. ✗ Yeast extract

34058019198. ✗ Protein hydrolysate

34058019199. ✓ Coconut water

34058019200. ✗ Malt extract

ZOLLEGE.in