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Section : Other Subjects

Q.1 The relation between emissive power of the surface and its absorptivity is given by :

Options 1. Kirchhoff's Law

2. Stefan - Boltzmann Law

3. Darcy's Law

4. Fourier's Law

Que from Test SeriesGrand Major test 11

Question Type : MCQ

Question ID : 41652911911

Option 1 ID : 41652946488

Option 2 ID : 41652946487

Option 3 ID : 41652946489

Option 4 ID : 41652946486

Status : Answered

Chosen Option : 2

Q.2 As per the Medical Termination of Pregnancy Act and rules, the safe custody of "Forms" is with :

Options 1. Standing committee

2. Owner of the approved place

3. Chief Medical Officer

4. Registered Medical Practitioner

Question Type : MCQ

Question ID : 41652911908

Option 1 ID : 41652946477

Option 2 ID : 41652946476

Option 3 ID : 41652946475

Option 4 ID : 41652946474

Status : Answered

Chosen Option : 3

Q.3 In Direct, Contact or Jet condensers, barometric leg serves one of the following functions :

Options 1. To remove the condensate/cooling water mixture

2. To transfer the feed in to the evaporating chamber

3. To Heat the liquid feed to it's boiling point

4. To measure the pressure difference across the tube

Question Type : MCQ
Question ID : 41652911913
Option 1 ID : 41652946496
Option 2 ID : 41652946495
Option 3 ID : 41652946497
Option 4 ID : 41652946494
Status : Not Answered
Chosen Option : --

Q.4 Which of the following is considered as differentiated product ?

- Options
1. Isoniazid
 2. Paracetamol
 3. Zantac
 4. Ranitidine

Ques. from GPATINDIA test series Major test 10

Question Type : MCQ
Question ID : 41652911914
Option 1 ID : 41652946500
Option 2 ID : 41652946499
Option 3 ID : 41652946501
Option 4 ID : 41652946498
Status : Answered
Chosen Option : 3

Q.5 ELISA is based upon :

- Options
1. Antigen Protein Interaction
 2. Lectin - Antibody Interaction
 3. Antibody protein Interaction
 4. Antigen Antibody Interaction

Ques. from GPATINDIA test series
Minor test 15

Question Type : MCQ
Question ID : 41652911909
Option 1 ID : 41652946479
Option 2 ID : 41652946480
Option 3 ID : 41652946481
Option 4 ID : 41652946478
Status : Answered
Chosen Option : 4

Q.6 Penalty for the cultivation of any cannabis plant to produce, sell, purchase transport in contravention of Narcotic Drugs and Psychotropic substances Act and Rules on First conviction is:

- Options
1. Rigorous imprisonment up to 10 years or fine up to Rs. 10 Lakhs
 2. Rigorous imprisonment up to 10 years or fine up to Rs. 1 Lakh

3. Fine up to Rs. 10 Lakh
4. Rigorous imprisonment up to 6 months

Question Type : MCQ
Question ID : 41652911906
Option 1 ID : 41652946469
Option 2 ID : 41652946466
Option 3 ID : 41652946468
Option 4 ID : 41652946467
Status : Answered
Chosen Option : 2

Q.7 For protein detection most commonly used probe is :

- Options
1. Antibody
 2. Antigen
 3. Interferon
 4. Lectin

Ques. from GPATINDIA test series -Subject wise test-
two options different from our question

Question Type : MCQ
Question ID : 41652911910
Option 1 ID : 41652946482
Option 2 ID : 41652946484
Option 3 ID : 41652946485
Option 4 ID : 41652946483
Status : Answered
Chosen Option : 2

Q.8 Choose the CORRECT statement with respect to 'The Pharmacy Act, 1948' :

- Options
1. Section 12 of the act deals with the approval of course of study under chapter 2 thereof.
 2. Section 12 of the act deals with the approval of course of study and examination under chapter 2 thereof.
 3. Education regulation 1991 does not prescribe the minimum qualification for the registration as Pharmacist
 4. State Govt. is authorised to make any rules with respect to course of study.

Question Type : MCQ
Question ID : 41652911907
Option 1 ID : 41652946470
Option 2 ID : 41652946471
Option 3 ID : 41652946473
Option 4 ID : 41652946472
Status : Answered
Chosen Option : 2

Q.9 Consumer who are loyal to two-three brands are considered as :

- Options
1. Semi-core loyals

2. Split loyals
3. Shifting loyals
4. Switcher loyals

Question Type : **MCQ**
Question ID : **41652911915**
Option 1 ID : **41652946505**
Option 2 ID : **41652946504**
Option 3 ID : **41652946503**
Option 4 ID : **41652946502**
Status : **Not Answered**
Chosen Option : --

Q.10 Hardinge mill is a variant of :

- Options
1. Hammer mill
 2. Ball mill
 3. Fluid energy mill
 4. Rotary cutter mill

Ques. from GPATINDIA test series- Major test 6

Question Type : **MCQ**
Question ID : **41652911912**
Option 1 ID : **41652946492**
Option 2 ID : **41652946491**
Option 3 ID : **41652946490**
Option 4 ID : **41652946493**
Status : **Answered**
Chosen Option : **3**

Q.11 In India the patent office has its head office at Kolkata and branch offices at :

- Options
1. Kashmir, Ahmedabad and Trivandrum
 2. Mumbai, Chennai and New Delhi
 3. Chandigarh, Hyderabad and Goa
 4. Dibrugarh, Indore and Vapi

Question Type : **MCQ**
Question ID : **41652911905**
Option 1 ID : **41652946463**
Option 2 ID : **41652946462**
Option 3 ID : **41652946464**
Option 4 ID : **41652946465**
Status : **Answered**
Chosen Option : **3**

Section : **Pharmaceutical Chemistry**

Q.1 Which of the following second generation β_1 - selective blockers contains 1,3,5, -thiadiazole ring in its structure ?

- Options
1. Penbutolol

2. Pindolol
3. Timolol
4. Sotalol

Ques. from GPATINDIA test series- Major test 12

Question Type : MCQ
Question ID : 41652911920
Option 1 ID : 41652946525
Option 2 ID : 41652946522
Option 3 ID : 41652946524
Option 4 ID : 41652946523
Status : Answered
Chosen Option : 2

Q.2 Gabriel ring closure method is employed for the synthesis of :

- Options
1. Oxaziridine
 2. 1, 4-oxazine
 3. Oxirane
 4. Aziridine

Ques. from GPATINDIA test series- Major test 3

Question Type : MCQ
Question ID : 41652911949
Option 1 ID : 41652946640
Option 2 ID : 41652946641
Option 3 ID : 41652946639
Option 4 ID : 41652946638
Status : Not Answered
Chosen Option : --

Q.3 Von Gierke's glycogen storage disease is due to defect of which enzyme :

- Options
1. Glucosyl 4 - 6 transferase
 2. Glucose - 6 - phosphatase
 3. Phosphofructokinase
 4. Glycogen phosphorylase

Ques. from GPATINDIA test series-
Minor test 6

Question Type : MCQ
Question ID : 41652911932
Option 1 ID : 41652946570
Option 2 ID : 41652946571
Option 3 ID : 41652946572
Option 4 ID : 41652946573
Status : Answered
Chosen Option : 2

Q.4 Amylopectin, a component of starch gives _____ colour with iodine

- Options
1. Red-purple

2. No colour

3. Blue

4. Green

Ques. from GPATINDIA test series- Grand Major test 8

Question Type : MCQ

Question ID : 41652911927

Option 1 ID : 41652946551

Option 2 ID : 41652946553

Option 3 ID : 41652946550

Option 4 ID : 41652946552

Status : Answered

Chosen Option : 3

Q.5 Dehydration of this dicarboxylic acid to obtain corresponding anhydride is difficult due to stereochemical arrangement :

Options 1. Succinic acid

2. Malic acid

3. Fumaric acid

4. Glutaric acid

Question Type : MCQ

Question ID : 41652911944

Option 1 ID : 41652946618

Option 2 ID : 41652946619

Option 3 ID : 41652946620

Option 4 ID : 41652946621

Status : Not Answered

Chosen Option : --

Q.6 Phase solubility Analysis curve is not a good tool for :

Options 1. Complex formation

2. Polymorph detection

3. Bioavailability determination

4. Impurity detection

Question Type : MCQ

Question ID : 41652911940

Option 1 ID : 41652946604

Option 2 ID : 41652946603

Option 3 ID : 41652946605

Option 4 ID : 41652946602

Status : Answered

Chosen Option : 1

Q.7 Identify the molecule which will not exhibit Dipole moment ?

Options 1. Carbon monoxide

2. Chloroform
3. Carbon dioxide
4. Ammonia

Question Type : MCQ
 Question ID : 41652911937
 Option 1 ID : 41652946590
 Option 2 ID : 41652946592
 Option 3 ID : 41652946591
 Option 4 ID : 41652946593
 Status : Answered
 Chosen Option : 2

Q.8 This semisynthetic derivative of penicillin is synthesized by acylation of 6-APA with *p*-hydroxy phenyl glycine :

- Options
1. Carbenicillin
 2. Ampicillin
 3. Amoxicillin
 4. Becampicillin

Question Type : MCQ
 Question ID : 41652911916
 Option 1 ID : 41652946506
 Option 2 ID : 41652946507
 Option 3 ID : 41652946509
 Option 4 ID : 41652946508
 Status : Answered
 Chosen Option : 3

Q.9 The chief product obtained by the reaction of neo-pentyl bromide under E_1 reaction conditions :

- Options
1. 2-methyl-1,3-butadiene
 2. 2-methyl butene
 3. neo pentyl alcohol
 4. 2-methyl-2-butene

Ques. from GPATINDIA test series-
 Similar concept based question asked
 in our test series

Question Type : MCQ
 Question ID : 41652911952
 Option 1 ID : 41652946653
 Option 2 ID : 41652946652
 Option 3 ID : 41652946650
 Option 4 ID : 41652946651
 Status : Answered
 Chosen Option : 4

Q.10 Which of the following inactive clotting factor is activated by the vitamin-K as a co-enzyme ?

- Options
1. I, II, III, IV
 2. II, VII, IX, X

3. II, V, VI, VIII

4. II, V, IX, X

Question Type : MCQ

Question ID : 41652911934

Option 1 ID : 41652946579

Option 2 ID : 41652946578

Option 3 ID : 41652946580

Option 4 ID : 41652946581

Status : Answered

Chosen Option : 2

Q.11 Calculate the accurate osmotic pressure at 0°C of a blood serum sample using Lewis equation having freezing point -0.53°C :

Options 1. 0.0441 atm

2. 574.28 atm

3. 6.39 atm

4. 0.636 atm

Freezing Point question also asked in test series

Question Type : MCQ

Question ID : 41652911938

Option 1 ID : 41652946597

Option 2 ID : 41652946596

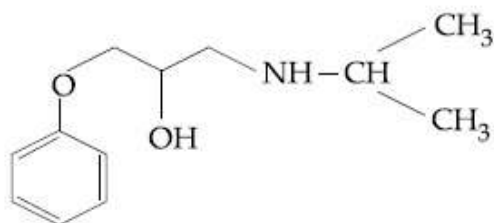
Option 3 ID : 41652946595

Option 4 ID : 41652946594

Status : Not Answered

Chosen Option : --

Q.12 Identify the name of drug with the following structure :



Options 1. Betaxolol

2. Esmolol

3. Metoprolol

4. Bisoprolol

Question Type : MCQ

Question ID : 41652911917

Option 1 ID : 41652946510

Option 2 ID : 41652946511

Option 3 ID : 41652946513

Option 4 ID : 41652946512

Status : Answered

Chosen Option : 1

Q.13 The structural features present in anti-cancer antibiotics (Doxorubicin, Daunorubicin, Idarubicin and Epirubicin) are

Options

1. Naphthalene nucleus connected with amino sugar via glycosidic linkage
2. Phenanthrene nucleus fused to cyclohexane ring that is subsequently connected with amino sugar via glycosidic linkage
3. Anthracene nucleus fused to cyclohexane ring that is subsequently connected with amino sugar via glycosidic linkage
4. Quinoline nucleus connected with amino sugar via glycosidic linkage

Question Type : **MCQ**

Question ID : **41652911922**

Option 1 ID : **41652946532**

Option 2 ID : **41652946531**

Option 3 ID : **41652946530**

Option 4 ID : **41652946533**

Status : **Answered**

Chosen Option : **4**

Q.14 Anti addition of bromine to trans-2-butene yields :

Options

1. Only enantiomers
2. Only meso compounds
3. Enantiomer and racemic mixture
4. Only racemic mixture

Question Type : **MCQ**

Question ID : **41652911950**

Option 1 ID : **41652946642**

Option 2 ID : **41652946645**

Option 3 ID : **41652946644**

Option 4 ID : **41652946643**

Status : **Not Answered**

Chosen Option : **--**

Q.15 Retention hyperbilirubenamia is caused due to _____.

Options

1. Non clearance of bilirubin
2. Reflux of bilirubin into blood stream
3. Over production of bilirubin
4. Choleric jaundice

Question Type : **MCQ**

Question ID : **41652911935**

Option 1 ID : **41652946584**

Option 2 ID : **41652946583**

Option 3 ID : **41652946582**
 Option 4 ID : **41652946585**
 Status : **Answered**
 Chosen Option : **4**

Q.16 Oxazole is prepared by the condensation of α -amino carbonyl compound with :

- Options 1. Aminoether
 2. Iminoester
 3. Amino acid
 4. Isocyanide

Ques. from GPATINDIA test series- Subject wise
 Major test 3

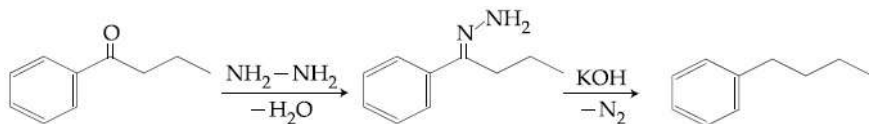
Question Type : **MCQ**
 Question ID : **41652911953**
 Option 1 ID : **41652946655**
 Option 2 ID : **41652946654**
 Option 3 ID : **41652946656**
 Option 4 ID : **41652946657**
 Status : **Answered**
 Chosen Option : **1**

Q.17 Conversion of aryldiazonium chloride to arylchloride can be achieved in the presence of :

- Options 1. Copper (I) chloride
 2. Calcium chloride
 3. Sodium chloride
 4. Copper (II) chloride

Question Type : **MCQ**
 Question ID : **41652911943**
 Option 1 ID : **41652946614**
 Option 2 ID : **41652946617**
 Option 3 ID : **41652946616**
 Option 4 ID : **41652946615**
 Status : **Answered**
 Chosen Option : **1**

Q.18



Identify the named reaction;

- Options 1. Curtius Rearrangement
 2. Wolf-Rearrangement
 3. Clemmensen reduction
 4. Wolf-Kishner reduction

Ques. from GPATINDIA test series- Subject wise
 Major test 7

Question Type : MCQ

Question ID : 41652911945

Option 1 ID : 41652946624

Option 2 ID : 41652946625

Option 3 ID : 41652946622

Option 4 ID : 41652946623

Status : Answered

Chosen Option : 4

Q.19 RNA molecules having intrinsic catalytic activity are called as _____.

- Options
1. Ribozymes
 2. sn RNAs
 3. rRNAs
 4. mRNAs

Question Type : MCQ

Question ID : 41652911933

Option 1 ID : 41652946575

Option 2 ID : 41652946576

Option 3 ID : 41652946577

Option 4 ID : 41652946574

Status : Answered

Chosen Option : 1

Q.20 Which of the following pair of drugs is considered as selective α_1 -Blockers ?

- Options
1. Formoterol and Levalbuterol
 2. Yohimbine and Carynanthine
 3. Prazosin and Terazosin
 4. Timolol and Metoprolol

Ques. from GPATINDIA test series-
Grand Major test 5

Question Type : MCQ

Question ID : 41652911918

Option 1 ID : 41652946514

Option 2 ID : 41652946515

Option 3 ID : 41652946516

Option 4 ID : 41652946517

Status : Answered

Chosen Option : 3

Q.21 The infra-red absorption peaks of Nujol is due to vibrations involving :

- Options
1. $O-H_{str}$ and $O-H_{def}$
 2. $C-H_{str}$ and $C-H_{def}$
 3. $S-H_{str}$ and $S-H_{def}$
 4. $N-H_{str}$ and $N-H_{def}$

Question Type : MCQ

Question ID : 41652911929

Option 1 ID : 41652946560

Option 2 ID : 41652946558

Option 3 ID : 41652946561

Option 4 ID : 41652946559

Status : Not Answered

Chosen Option : --

Q.22 The following ACE inhibitor used in treating cardiovascular disorder is synthesized from the natural amino acids L-alanine and L-proline :

- Options
1. Enalapril
 2. Captopril
 3. Lisinopril
 4. Ramipril

Question Type : MCQ

Question ID : 41652911923

Option 1 ID : 41652946535

Option 2 ID : 41652946536

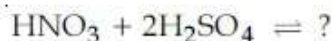
Option 3 ID : 41652946534

Option 4 ID : 41652946537

Status : Answered

Chosen Option : 2

Q.23 Choose the correct product of the following reaction :



- Options
1. $\text{H}_3\text{O}^+ + 2\text{HSO}_4^- + \text{NO}_2^+$
 2. $\text{OH}^- + 2\text{HSO}_4^- + \text{NO}_2^-$
 3. $\text{H}_3\text{O}^+ + 2\text{HSO}_4^- + \text{NO}_2^+$
 4. $\text{H}_2\text{O} + 2\text{HSO}_4^- + \text{NO}_2^+$

Question Type : MCQ

Question ID : 41652911948

Option 1 ID : 41652946637

Option 2 ID : 41652946636

Option 3 ID : 41652946635

Option 4 ID : 41652946634

Status : Answered

Chosen Option : 3

Q.24 One of the following is a most commonly used protecting group for amines :

- Options
1. t-Butyloxy carbonyl (t-BOC) Ques. from GPATINDIA test series-
 2. Para Methyl benzyl (PMB) 50% similarity in option & Question language

3. Methoxy methylene (MOM)
4. Tetra hydro pyranyl oxy (THP)

Question Type : MCQ
 Question ID : 41652911946
 Option 1 ID : 41652946626
 Option 2 ID : 41652946629
 Option 3 ID : 41652946628
 Option 4 ID : 41652946627
 Status : Answered
 Chosen Option : 1

Q.25 Conversion of a carbonyl functionality directly to its hydrocarbon in basic media can be achieved by :

- Options
1. Clemmensen reduction
 2. Lithium aluminium hydride reduction
 3. Wolf Kishner reduction
 4. Sodium borohydride reduction

Question Type : MCQ
 Question ID : 41652911947
 Option 1 ID : 41652946632
 Option 2 ID : 41652946631
 Option 3 ID : 41652946633
 Option 4 ID : 41652946630
 Status : Answered
 Chosen Option : 3

Q.26 pM indicators are used in :

- Options
1. Complexometric titrations
 2. Non-Aqueous titrations
 3. Acid-base titrations
 4. Redox titrations

Ques. from GPATINDIA test series- Minor test

Question Type : MCQ
 Question ID : 41652911926
 Option 1 ID : 41652946549
 Option 2 ID : 41652946548
 Option 3 ID : 41652946547
 Option 4 ID : 41652946546
 Status : Answered
 Chosen Option : 1

Q.27 What will be the Heat of vaporisation of 1 mole of water, when it has the entropy change (ΔS) of 35.2 cal/mole.deg (at 25°C) ?

- Options
1. 8465 cal/mole

2. 880 cal/mole
3. 1.408 cal/mole
4. 10489 cal/mole

Question Type : MCQ

Question ID : 41652911939

Option 1 ID : 41652946600

Option 2 ID : 41652946601

Option 3 ID : 41652946598

Option 4 ID : 41652946599

Status : Not Answered

Chosen Option : --

Q.28 Kinetically $\frac{x}{a(a-x)} = kt$ is the expression for :

- Options
1. fractional order reaction
 2. first order reaction
 3. second order reaction
 4. pseudo first order reaction

Question Type : MCQ

Question ID : 41652911941

Option 1 ID : 41652946609

Option 2 ID : 41652946606

Option 3 ID : 41652946608

Option 4 ID : 41652946607

Status : Answered

Chosen Option : 2

Q.29 Reaction of an α -halo ester with an aldehyde or ketone in the presence of a base like NaNH_2 gives α , β -epoxy carboxylic ester. This reaction is referred as :

- Options
1. Bamford steven reaction
 2. Darzen's glycidic synthesis
 3. Bayer villiger rearrangement
 4. Willgerodt rearrangement

Question Type : MCQ

Question ID : 41652911951

Option 1 ID : 41652946646

Option 2 ID : 41652946648

Option 3 ID : 41652946647

Option 4 ID : 41652946649

Status : Answered

Chosen Option : 3

Q.30

Select the correct order of ortho/para directing ability of the functional groups from those given below :

(Strongest first, Weakest last)

- Options
1. $-\text{NHCOR} > -\text{OH} > -\text{C}_6\text{H}_5 > \text{I}$
 2. $-\text{NHR} > -\text{NHCOR} > -\text{C}_6\text{H}_5 > \text{I}$
 3. $-\text{NHCOR} > -\text{NH}_2 > -\text{C}_6\text{H}_5 > \text{I}$
 4. $-\text{NHCOR} > -\text{NR}_2 > -\text{C}_6\text{H}_5 > \text{I}$

Question Type : **MCQ**

Question ID : **41652911942**

Option 1 ID : **41652946610**

Option 2 ID : **41652946613**

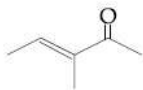
Option 3 ID : **41652946611**

Option 4 ID : **41652946612**

Status : **Answered**

Chosen Option : **4**

Q.31 Predict λ_{max} for a $\pi \rightarrow \pi^*$ absorption band in the UV spectrum of following compound :



- Options
1. **237 nm**
 2. 241 nm
 3. 240 nm
 4. 215 nm

Ques. from GPATINDIA test series- Major test

Question Type : **MCQ**

Question ID : **41652911930**

Option 1 ID : **41652946563**

Option 2 ID : **41652946565**

Option 3 ID : **41652946564**

Option 4 ID : **41652946562**

Status : **Not Answered**

Chosen Option : **--**

Q.32 The basic ring system present in the antihypertensive and antiglaucoma drug "Timolol" is :

- Options
1. **1, 2, 5 - Thiadiazole and Morpholine**
 2. 1, 3, 5 - Thiadiazole and Morpholine
 3. 1, 2, 4 - Thiadiazole and Morpholine
 4. 1, 3 - Thiazole and Morpholine

Question Type : **MCQ**

Question ID : **41652911919**

Option 1 ID : **41652946519**

Option 2 ID : **41652946520**

Option 3 ID : **41652946518**

Option 4 ID : **41652946521**
 Status : **Answered**
 Chosen Option : **3**

Q.33 When 50 ml of sodium hydroxide (0.1 M) is added to 100 mL of 0.1 M acetic acid, pH of the resultant solution is _____.
 Ka of acetic acid = 1.82×10^{-5}

- Options
1. 4.74
 2. 7.42
 3. 8.58
 4. 7.06

Question Type : **MCQ**
 Question ID : **41652911931**
 Option 1 ID : **41652946569**
 Option 2 ID : **41652946566**
 Option 3 ID : **41652946568**
 Option 4 ID : **41652946567**
 Status : **Not Answered**
 Chosen Option : --

Q.34 Blockade in β -oxidation results in :

- Options
1. Von Gierk's disease
 2. Taruli's disease
 3. Scurvy
 4. Sudden infant death syndrome

Ques. from GPATINDIA test series-
 Grand Major test 9

Question Type : **MCQ**
 Question ID : **41652911936**
 Option 1 ID : **41652946588**
 Option 2 ID : **41652946589**
 Option 3 ID : **41652946586**
 Option 4 ID : **41652946587**
 Status : **Answered**
 Chosen Option : **2**

Q.35 Choose the correct sequence of process during Atomization in atomic absorption spectroscopy :

- Options
1. Nebulization → Desolvation → Volatilization → Dissociation → Ionization
 2. Desolvation → Nebulization → Volatilization → Dissociation → Ionization
 3. Nebulization → Volatilization → Desolvation → Dissociation → Ionization
 4. Desolvation → Nebulization → Dissociation → Volatilization → Ionization

Question Type : **MCQ**
 Question ID : **41652911924**

Option 1 ID : **41652946540**
Option 2 ID : **41652946538**
Option 3 ID : **41652946541**
Option 4 ID : **41652946539**
Status : **Answered**
Chosen Option : **2**

Q.36 Which among the following carrier gases has the highest thermal conductivity ?

- Options
1. Compressed Air
 2. Helium
 3. Nitrogen
 4. Oxygen

Question Type : **MCQ**
Question ID : **41652911925**
Option 1 ID : **41652946543**
Option 2 ID : **41652946544**
Option 3 ID : **41652946545**
Option 4 ID : **41652946542**
Status : **Answered**
Chosen Option : **2**

Q.37 The following combination of drugs are used in treating severe travellers diarrhoea :

- Options
1. Pyrimethamine and sulfadiazine
 2. Trimethoprim and sulfadiazine
 3. Pyrimethamine and sulfamethoxazole
 4. Trimethoprim and sulfamethoxazole

Question Type : **MCQ**
Question ID : **41652911921**
Option 1 ID : **41652946526**
Option 2 ID : **41652946529**
Option 3 ID : **41652946527**
Option 4 ID : **41652946528**
Status : **Answered**
Chosen Option : **2**

Q.38 Permitted tolerance limit for a 100 mL class B volumetric flask and 1000 mL class B volumetric flask according to BS 1792 specifications respectively are _____ mL.

- Options
1. 1.00 and 10.00
 2. 0.80 and 0.30
 3. 0.15 and 1.5
 4. 0.15 and 0.80

Question Type : **MCQ**
Question ID : **41652911928**

Option 1 ID : **41652946554**
Option 2 ID : **41652946556**
Option 3 ID : **41652946555**
Option 4 ID : **41652946557**
Status : **Not Answered**
Chosen Option : --

Section : **Pharmaceutics**

Q.1 In case of suppositories base, SFI stands for :

- Options
1. Solidified Fatty acid Indices
 2. Solid Fat Index
 3. Solid Fluid Indices
 4. Solidified Fatty acid Incline

**Ques. from GPATINDIA test series-
Minor test 6**

Question Type : **MCQ**
Question ID : **41652911958**
Option 1 ID : **41652946677**
Option 2 ID : **41652946675**
Option 3 ID : **41652946674**
Option 4 ID : **41652946676**
Status : **Answered**
Chosen Option : 1

Q.2 Which one of the following is the property of micro-emulsion ?

- Options
1. They have particle size more than 1 micron.
 2. They have milky yellow colour
 3. They exhibit a viscoelastic gel phase, when internal phase is added in excess.
 4. They have poor stability.

Question Type : **MCQ**
Question ID : **41652911956**
Option 1 ID : **41652946666**
Option 2 ID : **41652946667**
Option 3 ID : **41652946668**
Option 4 ID : **41652946669**
Status : **Answered**
Chosen Option : 3

Q.3 Volume of blood that flows per unit time per unit volume of the tissue is :

- Options
1. Gastric emptying rate
 2. Perfusion rate
 3. Elimination rate
 4. Residence time

Question Type : **MCQ**

Question ID : **41652911972**
 Option 1 ID : **41652946730**
 Option 2 ID : **41652946733**
 Option 3 ID : **41652946731**
 Option 4 ID : **41652946732**
 Status : **Answered**
 Chosen Option : **2**

Q.4 As per US FDA, NDA's for new chemical entitles are classified as either :

- Options
1. 'P' for priority review or 'S' for safety review.
 2. 'P' for priority review or 'S' for standard review
 3. 'P' for product review or 'S' for standard review
 4. 'P' for product review or 'S' for safety review

**Ques. from GPATINDIA Drug inspector
 test series- Subject wise test paper**

Question Type : **MCQ**
 Question ID : **41652911976**
 Option 1 ID : **41652946746**
 Option 2 ID : **41652946747**
 Option 3 ID : **41652946749**
 Option 4 ID : **41652946748**
 Status : **Not Answered**
 Chosen Option : **--**

Q.5 The phase contrast microscopy is valuable in studying living cells which are :

- Options
1. Treated with fluorescent antibody
 2. Stained
 3. Treated with fluorescent dye
 4. Unstained

Question Type : **MCQ**
 Question ID : **41652911990**
 Option 1 ID : **41652946805**
 Option 2 ID : **41652946803**
 Option 3 ID : **41652946804**
 Option 4 ID : **41652946802**
 Status : **Not Answered**
 Chosen Option : **--**

Q.6 In case of one-compartment open model intravenous infusion, C_{ss} (steady state plasma concentration) is equal to :

- Options
1. $\frac{[\text{Plasma concentration}] [\text{Infusion rate}]}{\text{Clearance}}$
 2. $\frac{\text{Infusion rate}}{\text{Clearance}}$
 3. $\frac{[t_{\max}] [\text{Infusion rate}]}{\text{Clearance}}$

4.
$$\frac{[C_{\max}][\text{Infusion rate}]}{\text{Clearance}}$$

Question Type : **MCQ**

Question ID : **41652911974**

Option 1 ID : **41652946740**

Option 2 ID : **41652946738**

Option 3 ID : **41652946739**

Option 4 ID : **41652946741**

Status : **Answered**

Chosen Option : **4**

Q.7 Which of the following oxide is not used for achieving Amber color to glass ?

Options 1. Manganese

2. Carbon

3. Cobalt

4. Iron

Question Type : **MCQ**

Question ID : **41652911968**

Option 1 ID : **41652946715**

Option 2 ID : **41652946716**

Option 3 ID : **41652946717**

Option 4 ID : **41652946714**

Status : **Answered**

Chosen Option : **4**

Q.8 21 CFR part 211 of USFDA describes :

Options 1. Current good clinical practice

2. Current good packaging practice

3. Current good manufacturing practice

4. Current good laboratory practice

Question Type : **MCQ**

Question ID : **41652911959**

Option 1 ID : **41652946679**

Option 2 ID : **41652946681**

Option 3 ID : **41652946678**

Option 4 ID : **41652946680**

Status : **Answered**

Chosen Option : **3**

Q.9 The co-administration of erythromycin with cyclosporine :

Options 1. Decrease bioavailability due to complex formation

2.

Increase bioavailability, due to inhibition of microflora in intestine

3.

Decrease bioavailability, due to induction of hepatic metabolism

4.

Increase bioavailability, due to inhibition of hepatic metabolism

Question Type : **MCQ**

Question ID : **41652911973**

Option 1 ID : **41652946737**

Option 2 ID : **41652946735**

Option 3 ID : **41652946734**

Option 4 ID : **41652946736**

Status : **Not Answered**

Chosen Option : --

Q.10 Movement of a charged particle through a liquid under the influence of an applied potential difference is known as :

Options 1. **Electroosmosis**

2. **Electrophoresis**

3. **Streaming Potential**

4. **Sedimentation Potential**

Question Type : **MCQ**

Question ID : **41652911977**

Option 1 ID : **41652946750**

Option 2 ID : **41652946753**

Option 3 ID : **41652946752**

Option 4 ID : **41652946751**

Status : **Answered**

Chosen Option : **2**

Q.11 In tablet, hydroxy propyl methyl cellulose is used as :

Options 1. **Binder**

2. **Diluent**

3. **Disintegrant**

4. **Film former**

Question Type : **MCQ**

Question ID : **41652911957**

Option 1 ID : **41652946671**

Option 2 ID : **41652946672**

Option 3 ID : **41652946670**

Option 4 ID : **41652946673**

Status : **Answered**

Chosen Option : **4**

Q.12 In treating immunodeficiency disease the goal is to maintain IgG levels at about :

Options 1. **300 mg/ dL**

2. **200 mg/ dL**

3. 400 mg/ dL
4. 100 mg/ dL

Question Type : **MCQ**
Question ID : **41652911991**
Option 1 ID : **41652946808**
Option 2 ID : **41652946807**
Option 3 ID : **41652946809**
Option 4 ID : **41652946806**
Status : **Not Answered**
Chosen Option : --

Q.13 MEDLINE, EMBASE, EBM AND IDIs are :

- Options
1. Drug databases
 2. Chronicles of drug standards
 3. New compendial specification of drugs
 4. Source for drug patents

In our test series-we asked about
medline

Question Type : **MCQ**
Question ID : **41652911963**
Option 1 ID : **41652946695**
Option 2 ID : **41652946696**
Option 3 ID : **41652946697**
Option 4 ID : **41652946694**
Status : **Answered**
Chosen Option : 1

Q.14 When two brands of a drug product gives same clinical results, it is termed as :

- Options
1. Pharmaceutical equivalence
 2. Clinical equivalence
 3. Bio equivalence
 4. Therapeutic equivalence

Question Type : **MCQ**
Question ID : **41652911971**
Option 1 ID : **41652946729**
Option 2 ID : **41652946726**
Option 3 ID : **41652946727**
Option 4 ID : **41652946728**
Status : **Answered**
Chosen Option : 3

Q.15 Soda ash is also known as :

- Options
1. Calcium carbonate
 2. Sodium carbonate

3. Lime stone

4. Pure silica

Question Type : MCQ

Question ID : 41652911964

Option 1 ID : 41652946701

Option 2 ID : 41652946699

Option 3 ID : 41652946698

Option 4 ID : 41652946700

Status : Answered

Chosen Option : 2

Q.16 Which one of the following viscometers can be used for characterizing non-Newtonian system ?

- Options
1. Falling sphere viscometer
 2. Cup and Bob viscometer
 3. Capillary viscometer
 4. Hoeppler viscometer

Question Type : MCQ

Question ID : 41652911979

Option 1 ID : 41652946759

Option 2 ID : 41652946760

Option 3 ID : 41652946758

Option 4 ID : 41652946761

Status : Answered

Chosen Option : 2

Q.17 Which of the following is NOT a mechanism for achieving gastroretention ?

- Options
1. Floating
 2. Osmosis
 3. Swelling
 4. Mucoadhesion

**Ques. from GPATINDIA test series-
Subject wise Major test**

Question Type : MCQ

Question ID : 41652911965

Option 1 ID : 41652946703

Option 2 ID : 41652946705

Option 3 ID : 41652946704

Option 4 ID : 41652946702

Status : Not Answered

Chosen Option : --

Q.18 If mean volume – number diameter of a powdered sample is $2.41 \mu\text{m}$, density is 3 gm/cm^3 , the number of particles/gm will be :

- Options
1. 3.68×10^{10}

2. 4.70×10^{10}

3. 5.38×10^{10}

4. 4.55×10^{10}

Question Type : MCQ

Question ID : 41652911983

Option 1 ID : 41652946777

Option 2 ID : 41652946776

Option 3 ID : 41652946775

Option 4 ID : 41652946774

Status : Not Answered

Chosen Option : --

Q.19 The following technique/s is/are used to determine the amount of drug bound to a protein :

Options 1. Solubility

2. Distribution method

3. Equilibrium dialysis

4. pH titration

Ques. from GPATINDIA test series-
Major test 10

Question Type : MCQ

Question ID : 41652911981

Option 1 ID : 41652946768

Option 2 ID : 41652946769

Option 3 ID : 41652946766

Option 4 ID : 41652946767

Status : Answered

Chosen Option : 3

Q.20 Containers may be rendered free from pyrogens by adequate cleaning and by :

Options 1. Autoclaving at 121°C for 15 minutes.

2. Heating at 210°C for 3-4 hours

3. Autoclaving at 121°C for 1 hour

4. Heating at 100°C for 3-4 hours

Ques. from GPATINDIA test series-
Subject Wise Major test

Question Type : MCQ

Question ID : 41652911966

Option 1 ID : 41652946706

Option 2 ID : 41652946709

Option 3 ID : 41652946707

Option 4 ID : 41652946708

Status : Answered

Chosen Option : 2

Q.21 Which of the following statement is NOT true regarding bulkiness ?

Options 1. Bulkiness increases with decrease in particle size

2.

Smaller particles shift between larger ones and increases bulkiness

3.

Bulkiest substance will require container larger than required for less bulky substance

4. The reciprocal of bulk density is bulkiness

Question Type : MCQ

Question ID : 41652911982

Option 1 ID : 41652946772

Option 2 ID : 41652946773

Option 3 ID : 41652946771

Option 4 ID : 41652946770

Status : Answered

Chosen Option : 2

Q.22 Which mechanism of metabolism of drug is not affected by weight change of patient ?

Options 1. Oxidative metabolism

2. Acetylation metabolism

3. Conjugative metabolism

4. Hydrolytic metabolism

Question Type : MCQ

Question ID : 41652911975

Option 1 ID : 41652946742

Option 2 ID : 41652946745

Option 3 ID : 41652946743

Option 4 ID : 41652946744

Status : Not Answered

Chosen Option : --

Q.23 Microcrystalline cellulose is also called as :

Options 1. Nutab

2. Avicel

3. Sugar tab

4. Emdex

Ques. from GPATINDIA test series- Major test 4

Question Type : MCQ

Question ID : 41652911954

Option 1 ID : 41652946659

Option 2 ID : 41652946661

Option 3 ID : 41652946658

Option 4 ID : 41652946660

Status : Answered

Chosen Option : 2

Q.24 GMP regulation are pertaining to minimum requirements to be met by industry when :

Options 1.

Manufacture and holding of human drugs and veterinary drugs

2. Manufacturing, packaging and holding of human drugs and veterinary drugs.
3. Manufacture of human drugs and veterinary drugs.
4. Manufacture and packaging of human drugs and veterinary drugs.

Question Type : **MCQ**
Question ID : **41652911969**
Option 1 ID : **41652946720**
Option 2 ID : **41652946721**
Option 3 ID : **41652946718**
Option 4 ID : **41652946719**
Status : **Answered**
Chosen Option : **2**

Q.25 Which polymorphic form of a drug candidate has highest melting point :

- Options
1. Unstable
 2. Hydrates
 3. Stable
 4. Metastable

Ques. from GPATINDIA test series- Major test 11

Question Type : **MCQ**
Question ID : **41652911960**
Option 1 ID : **41652946684**
Option 2 ID : **41652946685**
Option 3 ID : **41652946682**
Option 4 ID : **41652946683**
Status : **Answered**
Chosen Option : **4**

Q.26 In case of Aerosol testing, valve delivering acceptance criteria for a volume of 54 μ L or less is :

- Options
1. $\pm 15\%$
 2. $\pm 10\%$
 3. $\pm 5\%$
 4. $\pm 75\%$

Question Type : **MCQ**
Question ID : **41652911967**
Option 1 ID : **41652946710**
Option 2 ID : **41652946711**
Option 3 ID : **41652946712**
Option 4 ID : **41652946713**
Status : **Answered**
Chosen Option : **1**

Q.27 Roll-tube technique is the modification of :

Options

1. The streak - plate technique
2. Micromanipulator technique
3. Spread plate technique
4. Pour plate technique

Question Type : **MCQ**
Question ID : **41652911989**
Option 1 ID : **41652946798**
Option 2 ID : **41652946801**
Option 3 ID : **41652946800**
Option 4 ID : **41652946799**
Status : **Not Answered**
Chosen Option : --

Q.28 Essentially Hospital Formulary system provide mechanism to :

- Options
1. Improve quality and hygenicity of food
 2. Improve surgical procedures
 3. Avoid brand and therapeutic duplication
 4. Streamline prescription writing

Question Type : **MCQ**
Question ID : **41652911986**
Option 1 ID : **41652946789**
Option 2 ID : **41652946788**
Option 3 ID : **41652946786**
Option 4 ID : **41652946787**
Status : **Answered**
Chosen Option : **4**

Q.29 "Shake well" label must be placed on the containers of :

- Options
1. Ophthalmic solution
 2. Ophthalmic gels
 3. Ophthalmic suspension
 4. Occuserts

**Ques. from GPATINDIA test series-
Minor test**

Question Type : **MCQ**
Question ID : **41652911955**
Option 1 ID : **41652946662**
Option 2 ID : **41652946663**
Option 3 ID : **41652946664**
Option 4 ID : **41652946665**
Status : **Answered**
Chosen Option : **3**

Q.30 Dakin's solution is a synonym for :

- Options
1. Chlorinated soda solution
 2. Aluminium Acetate solution
 3. Ammonium Acetate solution
 4. Chloroxylenol solution

Ques. from GPATINDIA test series- Grand Major test 8

Question Type : MCQ
Question ID : 41652911987
Option 1 ID : 41652946792
Option 2 ID : 41652946791
Option 3 ID : 41652946793
Option 4 ID : 41652946790
Status : Answered
Chosen Option : 1

Q.31 In preformulation study polymorphs can be detected by :

- Options
1. Differential scanning calorimetry
 2. Retractometry
 3. Counter - current chromatography
 4. High performance liquid chromatography

Question Type : MCQ
Question ID : 41652911962
Option 1 ID : 41652946692
Option 2 ID : 41652946690
Option 3 ID : 41652946693
Option 4 ID : 41652946691
Status : Answered
Chosen Option : 1

Q.32 A mixture of emulsifier A and emulsifier B with H.L.B. values of 4 and 14 respectively are to be mixed in a proportion to get a mixture with required HLB 12. What is the weight of individual emulsifier that is to be taken to have a total weight of 7 gm ?

- Options
1. A = 5.8 gm and B = 1.2 gm
 2. A = 5.6 gm and B = 1.4 gm
 3. A = 1.2 gm and B = 5.8 gm
 4. A = 1.4 gm and B = 5.6 gm

Question Type : MCQ
Question ID : 41652911985
Option 1 ID : 41652946785
Option 2 ID : 41652946783
Option 3 ID : 41652946784
Option 4 ID : 41652946782
Status : Not Answered
Chosen Option : --

Q.33 The rheological and functional properties of synovial fluid are impaired due to :

- Options
1. Decrease in the content of mucus
 2. Increase in the content of hyaluronic acid
 3. Increase in the content of mucus
 4. Decrease in the content of hyaluronic acid

Question Type : MCQ
Question ID : 41652911978
Option 1 ID : 41652946757
Option 2 ID : 41652946754
Option 3 ID : 41652946756
Option 4 ID : 41652946755
Status : Not Answered
Chosen Option : --

Q.34 For drug substances with highly variable pharmacokinetic characteristics the following Bioequivalence study design is used :

- Options
1. Non-Replicate Design
 2. Replicate Design
 3. Non-Parallel Design
 4. Parallel Design

Question Type : MCQ
Question ID : 41652911970
Option 1 ID : 41652946724
Option 2 ID : 41652946723
Option 3 ID : 41652946725
Option 4 ID : 41652946722
Status : Not Answered
Chosen Option : --

Q.35 Theories of emulsification are characterized by one of the following EXCEPT :

- Options
1. Phase inversion
 2. Film formation
 3. Monomolecular adsorption
 4. Solid particle adsorption

Ques. from GPATINDIA test series-
Major test

Question Type : MCQ
Question ID : 41652911980
Option 1 ID : 41652946764
Option 2 ID : 41652946763
Option 3 ID : 41652946762
Option 4 ID : 41652946765
Status : Answered
Chosen Option : 4

Q.36

For bitter drugs in paediatric formulations, excellent flavouring agent will be :

- Options
1. Lemon syrup
 2. Raspberry syrup
 3. Black current syrup
 4. Orange syrup

Question Type : MCQ
Question ID : 41652911984
Option 1 ID : 41652946779
Option 2 ID : 41652946780
Option 3 ID : 41652946781
Option 4 ID : 41652946778
Status : Answered
Chosen Option : 4

Q.37 The protein toxins that have been modified to reduce the toxicity without significantly altering the immunogenicity are known as :

- Options
1. Toxoids
 2. Vaccines
 3. Sera
 4. Antisera

Question Type : MCQ
Question ID : 41652911988
Option 1 ID : 41652946794
Option 2 ID : 41652946795
Option 3 ID : 41652946797
Option 4 ID : 41652946796
Status : Answered
Chosen Option : 4

Q.38 Leaching by immersion of crude material in a solvent is also known as :

- Options
1. Precipitation
 2. Evaporation
 3. Maceration
 4. Crystallization

Ques. from GPATINDIA test series-
Grand Major test 3

Question Type : MCQ
Question ID : 41652911961
Option 1 ID : 41652946688
Option 2 ID : 41652946686
Option 3 ID : 41652946687
Option 4 ID : 41652946689
Status : Answered
Chosen Option : 3

Section : Pharmacognosy

Q.1 The Glycoside Scilliroside in red squill acts as :

- Options
1. Insecticide
 2. Molluscide
 3. Acaricide
 4. Rodenticide

Question Type : MCQ

Question ID : 41652912001

Option 1 ID : 41652946846

Option 2 ID : 41652946847

Option 3 ID : 41652946848

Option 4 ID : 41652946849

Status : Answered

Chosen Option : 4

Q.2 In *Cassia angustifolia* short-term drought :

- Options
1. causes loss of leaf biomass
 2. increases the concentration of sennosides A + B
 3. causes death of the plant
 4. decreases the concentration of sennosides A + B

Question Type : MCQ

Question ID : 41652911992

Option 1 ID : 41652946811

Option 2 ID : 41652946812

Option 3 ID : 41652946810

Option 4 ID : 41652946813

Status : Not Answered

Chosen Option : --

Q.3 Regholarhenines A-F have been isolated from :

- Options
1. Veratrums
 2. Kurchi
 3. Aconite
 4. Areca

Question Type : MCQ

Question ID : 41652912000

Option 1 ID : 41652946842

Option 2 ID : 41652946843

Option 3 ID : 41652946844

Option 4 ID : 41652946845

Status : Not Answered

Chosen Option : --

Q.4

The size of Lycopodium spores is :

- Options
1. 45 μm
 2. 35 μm
 3. 25 μm
 4. 15 μm

Ques. from GPATINDIA test series-
Major test

Question Type : MCQ
Question ID : 41652911997
Option 1 ID : 41652946833
Option 2 ID : 41652946832
Option 3 ID : 41652946831
Option 4 ID : 41652946830
Status : Answered
Chosen Option : 3

Q.5 Shellac is a resinous substance prepared from a secretion that encrusts the bodies of a scale insect :

- Options
1. Alverites moschiferus
 2. Viverra civet
 3. Acipenser huso
 4. Karria lacca

Question Type : MCQ
Question ID : 41652911995
Option 1 ID : 41652946824
Option 2 ID : 41652946825
Option 3 ID : 41652946822
Option 4 ID : 41652946823
Status : Not Answered
Chosen Option : --

Q.6 Antiviral action of Neem in due to :

- Options
1. Azadirachitin
 2. Nimbin
 3. Kaemferol
 4. Nelanin

Question Type : MCQ
Question ID : 41652911993
Option 1 ID : 41652946816
Option 2 ID : 41652946814
Option 3 ID : 41652946817
Option 4 ID : 41652946815
Status : Answered
Chosen Option : 1

Q.7 In Gambir - fluorescin test the petroleum spirit layer shows a strong :

- Options
1. yellow fluorescence
 2. red fluorescence
 3. green fluorescence
 4. blue fluorescence

Question Type : **MCQ**
Question ID : **41652911998**
Option 1 ID : **41652946834**
Option 2 ID : **41652946835**
Option 3 ID : **41652946837**
Option 4 ID : **41652946836**
Status : **Not Answered**
Chosen Option : --

Q.8 The principal cultivation areas of pyrethrum flowers are in -

- Options
1. Kenya
 2. Malaysia
 3. India
 4. Sri Lanka

Question Type : **MCQ**
Question ID : **41652911996**
Option 1 ID : **41652946829**
Option 2 ID : **41652946828**
Option 3 ID : **41652946827**
Option 4 ID : **41652946826**
Status : **Not Answered**
Chosen Option : --

Q.9 Pungency of Zingiber officinale rhizome is due to the presence of :

- Options
1. Gingerol
 2. Gingular
 3. Commiphoric acid
 4. Citral

Question Type : **MCQ**
Question ID : **41652911999**
Option 1 ID : **41652946840**
Option 2 ID : **41652946838**
Option 3 ID : **41652946841**
Option 4 ID : **41652946839**
Status : **Answered**
Chosen Option : **1**

Q.10 All members of this order are trees or shrubs; mostly evergreen with needle - like leaves ;
monoecious or dioecious - sporophylls usually in cones. Resin ducts occur in all parts :

- Options
1. Cycadales

2. Ginkgoales
3. Taxales
4. Coniferae

Question Type : MCQ
Question ID : 41652911994
Option 1 ID : 41652946819
Option 2 ID : 41652946820
Option 3 ID : 41652946818
Option 4 ID : 41652946821
Status : Not Answered
Chosen Option : --

Section : Pharmacology

Q.1 Metabolic acidosis does NOT occur during :

- Options
1. Wound healing
 2. Chronic renal failure
 3. Starvation
 4. Uncontrolled diabetes mellitus

Question Type : MCQ
Question ID : 41652912028
Option 1 ID : 41652946957
Option 2 ID : 41652946955
Option 3 ID : 41652946954
Option 4 ID : 41652946956
Status : Answered
Chosen Option : 2

Q.2 The adverse reaction associated with β -2 agonists administered by inhalation or nebulisation in the management of asthma does not include _____.

- Options
1. Tachycardia
 2. Peripheral vasodilation
 3. Fine tremor
 4. Hypertension

Question Type : MCQ
Question ID : 41652912007
Option 1 ID : 41652946873
Option 2 ID : 41652946872
Option 3 ID : 41652946871
Option 4 ID : 41652946870
Status : Not Answered
Chosen Option : --

Q.3 Hematocrit 65% to 70% indicates :

- Options
1. Polycythemia

2. Hemophilia
3. Hypoxia
4. Anaemia

Question Type : **MCQ**
Question ID : **41652912006**
Option 1 ID : **41652946867**
Option 2 ID : **41652946869**
Option 3 ID : **41652946868**
Option 4 ID : **41652946866**
Status : **Answered**
Chosen Option : **1**

Q.4 Which of the following cells are called scavenger cells ?

- Options
1. Mast cells
 2. Natural killer cells
 3. Macrophages
 4. Neutrophils

Question Type : **MCQ**
Question ID : **41652912026**
Option 1 ID : **41652946949**
Option 2 ID : **41652946948**
Option 3 ID : **41652946946**
Option 4 ID : **41652946947**
Status : **Answered**
Chosen Option : **2**

Q.5 Which one of the following is NOT the role of Nitric oxide ?

- Options
1. Mediating microbicidal action of macrophages
 2. Serving as neurotransmitter in CNS
 3. Inducing platelet aggregation
 4. Relaxing vascular smooth muscle

Question Type : **MCQ**
Question ID : **41652912019**
Option 1 ID : **41652946921**
Option 2 ID : **41652946918**
Option 3 ID : **41652946920**
Option 4 ID : **41652946919**
Status : **Answered**
Chosen Option : **2**

Q.6 Which is NOT true about calcitriol ?

- Options
1. It enhances reabsorption of calcium and phosphate from bone

2. It is active form of Vit D₃
3. It prevents tubular reabsorption of calcium and phosphate
4. Enhances absorption of calcium and phosphate from intestine

Ques. from GPATINDIA test series-
Grand Major test

Question Type : MCQ
Question ID : 41652912023
Option 1 ID : 41652946934
Option 2 ID : 41652946936
Option 3 ID : 41652946937
Option 4 ID : 41652946935
Status : Answered
Chosen Option : 3

Q.7 Identify the false statement about benzodiazepines from the following :

- Options
1. Benzodiazepines cause convulsions
 2. Benzodiazepines are useful in insomnia
 3. Benzodiazepines produce muscle relaxation and loss of motor co-ordination
 4. Benzodiazepines cause reduction of anxiety

Question Type : MCQ
Question ID : 41652912013
Option 1 ID : 41652946896
Option 2 ID : 41652946895
Option 3 ID : 41652946897
Option 4 ID : 41652946894
Status : Answered
Chosen Option : 1

Q.8 Which of the following is 5-alpha reductase inhibitor ?

- Options
1. Finasteride
 2. Gliclazide
 3. Sildenafil
 4. Polythiazide

Ques. from GPATINDIA test series- Minor test

Question Type : MCQ
Question ID : 41652912012
Option 1 ID : 41652946890
Option 2 ID : 41652946892
Option 3 ID : 41652946893
Option 4 ID : 41652946891
Status : Answered
Chosen Option : 1

Q.9 Which of the following is NOT a cardioselective β blocker ?

- Options
1. Bisoprolol

2. Acebutolol
3. Pindolol
4. Nebivolol

Ques. from GPATINDIA test series- Subject wise test paper

Question Type : **MCQ**
Question ID : **41652912015**
Option 1 ID : **41652946902**
Option 2 ID : **41652946903**
Option 3 ID : **41652946904**
Option 4 ID : **41652946905**
Status : **Answered**
Chosen Option : **1**

Q.10 Cardiac output is :

- Options
1. Volume of blood ejected by the auricles per beat
 2. Volume of the blood ejected by the left ventricle per beat
 3. Volume of blood ejected by the auricle per minute
 4. Volume of the blood ejected by the left ventricle per minute

Question Type : **MCQ**
Question ID : **41652912005**
Option 1 ID : **41652946862**
Option 2 ID : **41652946863**
Option 3 ID : **41652946864**
Option 4 ID : **41652946865**
Status : **Answered**
Chosen Option : **3**

Q.11 Which of the following anticonvulsants have both inhibition of excitatory glutamatergic synapse and facilitation of GABA mediated Cl^- channel opening action ?

- Options
1. Ethosuximide
 2. Phenytoin
 3. Topiramate
 4. Valproate

Question Type : **MCQ**
Question ID : **41652912022**
Option 1 ID : **41652946933**
Option 2 ID : **41652946930**
Option 3 ID : **41652946932**
Option 4 ID : **41652946931**
Status : **Answered**
Chosen Option : **4**

Q.12

Match the following liver abnormalities with consequences :

- | | |
|-----------------|---|
| (a) Steatosis | (M) Raised bilirubin level |
| (b) Cholestasis | (N) Slight rise in serum transaminase level |
| (c) Hepatitis | (O) Accumulation of fat droplets within liver cells |
| (d) Fibrosis | (P) Elevated liver function test (LFT's) |

Options

1. (a) - (O)
(b) - (M)
(c) - (P)
(d) - (N)
2. (a) - (N)
(b) - (P)
(c) - (M)
(d) - (O)
3. (a) - (N)
(b) - (O)
(c) - (P)
(d) - (M)
4. (a) - (P)
(b) - (O)
(c) - (N)
(d) - (M)

Question Type : MCQ

Question ID : 41652912010

Option 1 ID : 41652946885

Option 2 ID : 41652946883

Option 3 ID : 41652946884

Option 4 ID : 41652946882

Status : Answered

Chosen Option : 2

Q.13 Characteristic microscopic features observed in Alzheimer's disease is :

Options

1. Depigmentation of substantia nigra
2. Demyelination of neurons in spinal cord
3. Presence of neuritic plaques containing A β -amyloid
4. Epidural haemoregic patches

Question Type : MCQ

Question ID : 41652912027

Option 1 ID : 41652946950

Option 2 ID : 41652946951

Option 3 ID : 41652946952

Option 4 ID : 41652946953

Status : Answered

Chosen Option : 1

Q.14 Numerous isomers of human liver P450 enzymes have been identified. It is not worthy that _____ alone is responsible for the metabolism of over 50% of the prescription drugs metabolized by liver.

Options

1. CYP2B6

- 2. CYP3A4
- 3. CYP1A2
- 4. CYP1A11

Ques. from GPATINDIA test series- Major test 13

Question Type : MCQ

Question ID : 41652912018

Option 1 ID : 41652946915

Option 2 ID : 41652946916

Option 3 ID : 41652946914

Option 4 ID : 41652946917

Status : Answered

Chosen Option : 2

Q.15 Testing of chemicals by OECD guideline No. 420 refers to which of the following :

- Options
- 1. Repeated dose 28-day toxicity study in rodents
 - 2. Acute oral toxicity by acute toxic class method
 - 3. Acute oral toxicity by fixed dose procedure
 - 4. Acute oral toxicity by up and Down procedure

Question Type : MCQ

Question ID : 41652912017

Option 1 ID : 41652946913

Option 2 ID : 41652946910

Option 3 ID : 41652946911

Option 4 ID : 41652946912

Status : Not Answered

Chosen Option : --

Q.16 Which of the following directly inhibits Factor Xa ?

- Options
- 1. Bivalirudin
 - 2. Warfarin
 - 3. Rivaroxaban
 - 4. Dabigatran

Ques. from GPATINDIA test series- Grand Major test 5

Question Type : MCQ

Question ID : 41652912020

Option 1 ID : 41652946925

Option 2 ID : 41652946924

Option 3 ID : 41652946922

Option 4 ID : 41652946923

Status : Not Answered

Chosen Option : --

Q.17 What is anaplasia ?

- Options
- 1. Increase in size of cell
 - 2. Lack of growth of cells

3. Morphological and functional resemblance to normal cells

4. Morphological and functional alterations/changes, that are different from normal cells

Question Type : MCQ
Question ID : 41652912029
Option 1 ID : 41652946960
Option 2 ID : 41652946959
Option 3 ID : 41652946958
Option 4 ID : 41652946961
Status : Answered
Chosen Option : 4

Q.18 Which of the following is true ?

Excessive use of diuretics can lead to :

- Options
1. Hypovolemic shock
 2. Neurogenic shock
 3. Cardiogenic shock
 4. Hypervolemic shock

Question Type : MCQ
Question ID : 41652912025
Option 1 ID : 41652946945
Option 2 ID : 41652946942
Option 3 ID : 41652946944
Option 4 ID : 41652946943
Status : Answered
Chosen Option : 4

Q.19 Several different chemicals released by microbes and inflamed tissues attract phagocytes, this phenomenon is called as _____.

- Options
1. Integrins
 2. Emigration
 3. Phagocytosis
 4. Chemotaxis

Ques. from GPATINDIA test series-
Major test - Language differ

Question Type : MCQ
Question ID : 41652912003
Option 1 ID : 41652946857
Option 2 ID : 41652946856
Option 3 ID : 41652946854
Option 4 ID : 41652946855
Status : Answered
Chosen Option : 4

Q.20 The antiemetic activity of glycopyrronium is related to potent inhibition of _____ receptor both peripherally and centrally.

- Options
1. H₁

2. $5HT_3$

3. M_1

4. D_2

Que from-Subject wise major test

Question Type : **MCQ**

Question ID : **41652912008**

Option 1 ID : **41652946874**

Option 2 ID : **41652946877**

Option 3 ID : **41652946875**

Option 4 ID : **41652946876**

Status : **Answered**

Chosen Option : **4**

Q.21 Identify the drug which is not useful in the treatment of tuberculosis :

- Options
1. Gentamicin
 2. Pyrazinamide
 3. Streptomycin
 4. Ciprofloxacin

Question Type : **MCQ**

Question ID : **41652912014**

Option 1 ID : **41652946900**

Option 2 ID : **41652946901**

Option 3 ID : **41652946899**

Option 4 ID : **41652946898**

Status : **Answered**

Chosen Option : **4**

Q.22 The term 'aneurysm' refers to :

- Options
1. Abnormal connections in blood vessels
 2. Abnormal growth of neurones near blood vessels
 3. Permanent abnormal dilatation of blood vessel
 4. Permanent blockage of blood vessels

Question Type : **MCQ**

Question ID : **41652912024**

Option 1 ID : **41652946940**

Option 2 ID : **41652946941**

Option 3 ID : **41652946939**

Option 4 ID : **41652946938**

Status : **Not Answered**

Chosen Option : **--**

Q.23 Following are the facts regarding clinical applications of muscarinic receptor blocking drugs. Identify the false statement :

- Options
1. Used in the treatment of parkinson's disease is often an exercise in polypharmacy, since no single agent is fully effective.
 - 2.

Marked reflex vagal discharge may stimulate sinoatrial or atrioventricular node to improve cardiac output.

3.

Mydriasis produced greatly facilitates ophthalmoscopic examination of the retina and measurement of refractive error in uncooperative patient.

4.

Scopolamine is one among the old remedies used to treat sea-sickness

Question Type : **MCQ**

Question ID : **41652912021**

Option 1 ID : **41652946927**

Option 2 ID : **41652946926**

Option 3 ID : **41652946929**

Option 4 ID : **41652946928**

Status : **Answered**

Chosen Option : **1**

Q.24 Disturbances of oestrogen/progesterone balance could cause a relative deficiency of _____ leading to disturbances in production of dopamine and serotonin. This contributes for emotional disturbances and depression.

Options 1. **Tyrosine**

2. **Co-factor A**

3. **Enzyme decarboxylase**

4. **Pyridoxine phosphate**

Question Type : **MCQ**

Question ID : **41652912011**

Option 1 ID : **41652946886**

Option 2 ID : **41652946887**

Option 3 ID : **41652946889**

Option 4 ID : **41652946888**

Status : **Answered**

Chosen Option : **1**

Q.25 Production of an abnormal IgG immunoglobulin in Grave's disease causes :

Options 1. **Thyrotoxicosis**

2. **Hypothyroidism**

3. **Rheumatoid arthritis**

4. **Multinodular goitre**

Question Type : **MCQ**

Question ID : **41652912009**

Option 1 ID : **41652946878**

Option 2 ID : **41652946880**

Option 3 ID : **41652946879**

Option 4 ID : **41652946881**

Status : **Answered**

Chosen Option : **1**

Q.26 Glucocorticoids have following effects - EXCEPT :

Options

1. Resistance to stress
2. Lipolysis
3. Protein breakdown and glucose formation
4. Stimulation of immune responses

Question Type : **MCQ**
Question ID : **41652912002**
Option 1 ID : **41652946852**
Option 2 ID : **41652946851**
Option 3 ID : **41652946850**
Option 4 ID : **41652946853**
Status : **Answered**
Chosen Option : **1**

Q.27 What are sutures ?

- Options
1. Non fibrous joints
 2. Cartilaginous joints
 3. Fibrous joints of the skull
 4. Synovial joints

Question Type : **MCQ**
Question ID : **41652912004**
Option 1 ID : **41652946861**
Option 2 ID : **41652946859**
Option 3 ID : **41652946858**
Option 4 ID : **41652946860**
Status : **Not Answered**
Chosen Option : **--**

Q.28 Select the ulcer protective drug from the following :

- Options
1. Sucralfate
 2. Metronidazole
 3. Misoprostol
 4. Oxyphenonium

Subject wise major test from test series

Question Type : **MCQ**
Question ID : **41652912016**
Option 1 ID : **41652946906**
Option 2 ID : **41652946907**
Option 3 ID : **41652946908**
Option 4 ID : **41652946909**
Status : **Answered**
Chosen Option : **1**