

Itemcode : **DR1001**

**Q1:** The particle size of colloidal dispersion is

- |          |                                |
|----------|--------------------------------|
| <b>A</b> | 1 nm to 0.5 $\mu\text{m}$      |
| <b>B</b> | Less than 1 nm                 |
| <b>C</b> | Greater than 0.5 $\mu\text{m}$ |
| <b>D</b> | None of the above              |

Correct Ans: **A**

Itemcode : **DR1002**

**Q2:** Identify the complex which belongs to the category of inclusion type

- |          |                    |
|----------|--------------------|
| <b>A</b> | Pi complexes       |
| <b>B</b> | Sandwich compounds |
| <b>C</b> | Chelates           |
| <b>D</b> | Clathrates         |

Correct Ans: **D**

Itemcode : **DR1003**

**Q3:** In the Gram staining iodine is used

- |          |                                 |
|----------|---------------------------------|
| <b>A</b> | To stain Gram positive bacteria |
| <b>B</b> | To stain gram negative bacteria |
| <b>C</b> | As mordant                      |
| <b>D</b> | None of the above               |

Correct Ans: **C**

Itemcode : **DR1004**

**Q4:** Identify the D value of *B. pumilus* under irradiation sterilization protocol

- |          |        |
|----------|--------|
| <b>A</b> | 3 kGy  |
| <b>B</b> | 5 min  |
| <b>C</b> | 12 kGy |
| <b>D</b> | 15 min |

Correct Ans: **A**

Itemcode : **DR1005**

**Q5:** The minute molecules that elicit an immune response only when attached to a large carrier such as a protein are known as

- |          |              |
|----------|--------------|
| <b>A</b> | Proimmunoten |
| <b>B</b> | Hapten       |
| <b>C</b> | Antigen      |

<b>D</b>	All the above
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Correct Ans: **B**

Itemcode : **DR1006**

**Q6:** List of drugs exempted from the provision of import of drugs is described in

<b>A</b>	Schedule A
<b>B</b>	Schedule J
<b>C</b>	Schedule E
<b>D</b>	Schedule D

Correct Ans: **D**

Itemcode : **DR1007**

**Q7:** Identify the Chairman of Central Insecticides Board (Established Under Section 4 of the Insecticides Act, 1968)

<b>A</b>	Director General, Indian Council of Agricultural Research
<b>B</b>	Plant Protection Adviser to the Government of India
<b>C</b>	Director General of Health Services
<b>D</b>	Director, National Institute of Communicable Diseases

Correct Ans: **C**

Itemcode : **DR1008**

**Q8:** A rule for evaluating the dosage of medicine for a child by adding 12 to the child's age, and dividing the sum by the age of the child, then dividing the adult dose by the result obtained is known as

<b>A</b>	Clarks rule
<b>B</b>	Young's rule
<b>C</b>	Fried's Rule
<b>D</b>	Nomogram Method

Correct Ans: **B**

Itemcode : **DR1009**

**Q9:** Identify the incompatibility present in the following prescription

Rx

Benzalkonium chloride

Sodium lauryl sulfate

<b>A</b>	Physical incompatibility
<b>B</b>	Chemical incompatibility
<b>C</b>	Pharmacokinetic incompatibility
<b>D</b>	Pharmacodynamic incompatibility

Correct Ans: **A**

Itemcode : **DR1010**

**Q10:** Identify the instrument used for moist heat sterilization

- |          |                       |
|----------|-----------------------|
| <b>A</b> | Hot air oven          |
| <b>B</b> | Glass bead sterilizer |
| <b>C</b> | Autoclave             |
| <b>D</b> | All the above         |

Correct Ans: **C**

Itemcode : **DR1011**

**Q11:** The study in real conditions and on large populations, of use, effectiveness and risk of drugs is known as.

- |          |                      |
|----------|----------------------|
| <b>A</b> | Pharmacoeconomics    |
| <b>B</b> | Pharmacogenomics     |
| <b>C</b> | Pharmacovigilance    |
| <b>D</b> | Pharmacoepidemiology |

Correct Ans: **C,D**

Itemcode : **DR1012**

**Q12:** Which one of the size reduction apparatus works based on the principle of impact and attrition

- |          |               |
|----------|---------------|
| <b>A</b> | Ball Mill     |
| <b>B</b> | Roller Mill   |
| <b>C</b> | Hammer Mill   |
| <b>D</b> | All the above |

Correct Ans: **A**

Itemcode : **DR1013**

**Q13:** Identify the industrial filter

- |          |               |
|----------|---------------|
| <b>A</b> | Filter press  |
| <b>B</b> | Rotary filter |
| <b>C</b> | Edge filter   |
| <b>D</b> | All the above |

Correct Ans: **D**

Itemcode : **DR1014**

**Q14:** Identify the capsule of smallest size

- |          |     |
|----------|-----|
| <b>A</b> | 000 |
| <b>B</b> | 5   |
| <b>C</b> | 1   |
| <b>D</b> | 3   |

Correct Ans: **B**

Itemcode : **DR1015**

**Q15:** The uneven distribution of the colour on the surface of the tablet is known as

- |          |            |
|----------|------------|
| <b>A</b> | Mottling   |
| <b>B</b> | Picking    |
| <b>C</b> | Lamination |
| <b>D</b> | Chipping   |

Correct Ans: **A**

Itemcode : **DR1016**

**Q16:** Identify the propellant used in topical aerosol

- |          |               |
|----------|---------------|
| <b>A</b> | Propane       |
| <b>B</b> | Butane        |
| <b>C</b> | Isobutane     |
| <b>D</b> | All the above |

Correct Ans: **D**

Itemcode : **DR1017**

**Q17:** The movement of molecules across a membrane from a region of their lower concentration to a region of their higher concentration i.e. in the direction against the concentration gradient is known as

- |          |                   |
|----------|-------------------|
| <b>A</b> | Passive diffusion |
| <b>B</b> | Pinocytosis       |
| <b>C</b> | Active transport  |
| <b>D</b> | None of the above |

Correct Ans: **C**

Itemcode : **DR1018**

**Q18:** Renal clearance depends on

- |          |                            |
|----------|----------------------------|
| <b>A</b> | Glomerular filtration rate |
| <b>B</b> | Tubular reabsorption       |
| <b>C</b> | Tubular secretion          |
| <b>D</b> | All the above              |

Correct Ans: **D**

Itemcode : **DR1019**

**Q19:** Citric acid is used in limit test for iron

- |          |                                       |
|----------|---------------------------------------|
| <b>A</b> | To reduce ferric iron to ferrous iron |
| <b>B</b> | To prevent the precipitation of iron  |
| <b>C</b> | To develop purple color               |

<b>D</b>	To make the medium alkaline
Correct Ans: <b>B</b>	

<u>Itemcode</u> : <b>DR1020</b>	
<b>Q20:</b> Antimony potassium tartrate is also known as	
<b>A</b>	Tartar emetic
<b>B</b>	Epsom salt
<b>C</b>	Cathartic potash
<b>D</b>	None of the above
Correct Ans: <b>A</b>	

<u>Itemcode</u> : <b>DR1021</b>	
<b>Q21:</b> Identify the chelating agent used for treatment of thalassaemia major	
<b>A</b>	EDTA
<b>B</b>	D-Pencillamine
<b>C</b>	Deferoxamine
<b>D</b>	2,3-Dimercaprol
Correct Ans: <b>C</b>	

<u>Itemcode</u> : <b>DR1022</b>	
<b>Q22:</b> The radioisotope Yttrium-90 ( $^{90}\text{Y}$ ) is a	
<b>A</b>	Alpha emitter
<b>B</b>	Beta emitter
<b>C</b>	Gamma emitter
<b>D</b>	Positron emitter
Correct Ans: <b>B</b>	

<u>Itemcode</u> : <b>DR1023</b>	
<b>Q23:</b> The reciprocal of the co-efficient of viscosity is called	
<b>A</b>	Parachor
<b>B</b>	Reciprocity
<b>C</b>	Surface tension
<b>D</b>	Fluidity
Correct Ans: <b>D</b>	

<u>Itemcode</u> : <b>DR1024</b>	
<b>Q24:</b> The sulphur system is an example of	
<b>A</b>	One component system
<b>B</b>	Two component system

<b>C</b>	Three component system
<b>D</b>	Four component system
Correct Ans: <b>A</b>	

<u>Itemcode</u> : <b>DR1025</b>	
<b>Q25:</b> _____ is a method to synthesize amides from amines and acid chlorides	
<b>A</b>	Cannizzaro reaction
<b>B</b>	Reimer–Tiemann reaction
<b>C</b>	Schotten–Baumann reaction
<b>D</b>	Perkin reaction
Correct Ans: <b>C</b>	

<u>Itemcode</u> : <b>DR1026</b>	
<b>Q26:</b> Compounds that are nonsuperimposable mirror images are known as	
<b>A</b>	Enantiomers
<b>B</b>	Diastereomers
<b>C</b>	Mesomers
<b>D</b>	None of the above
Correct Ans: <b>A</b>	

<u>Itemcode</u> : <b>DR1027</b>	
<b>Q27:</b> The lock and key theory of enzyme action is first postulated by	
<b>A</b>	Paul Ehrlich
<b>B</b>	Koshland
<b>C</b>	Linus Carl Pauling
<b>D</b>	Emil Fischer
Correct Ans: <b>D</b>	

<u>Itemcode</u> : <b>DR1028</b>	
<b>Q28:</b> In the citric acid cycle the conversion of oxalosuccinate to alpha keto glutarate is catalyzed by the enzyme	
<b>A</b>	$\alpha$ -Ketoglutarate dehydrogenase
<b>B</b>	Succinate dehydrogenase
<b>C</b>	Isocitrate dehydrogenase
<b>D</b>	Aconitase
Correct Ans: <b>S</b> <b>(S Denotes question scrapped and no credit to Candidates.)</b>	

<u>Itemcode</u> : <b>DR1029</b>	
<b>Q29:</b> Identify the ketone body	
<b>A</b>	Acetone

<b>B</b>	Acetoacetate
<b>C</b>	Beta-hydroxybutyrate
<b>D</b>	All the above
Correct Ans: <b>D</b>	

<u>Itemcode</u> : <b>DR1030</b>	
<b>Q30:</b> Citrullinemia is a metabolic disorder of	
<b>A</b>	Beta oxidation
<b>B</b>	Urea cycle
<b>C</b>	Glycogenolysis
<b>D</b>	Citric acid cycle
Correct Ans: <b>B</b>	

<u>Itemcode</u> : <b>DR1031</b>	
<b>Q31:</b> Sultamicillin is a _____ prodrug	
<b>A</b>	Mutual
<b>B</b>	Carrier linked
<b>C</b>	Bioprecursor
<b>D</b>	Macromolecular
Correct Ans: <b>A</b>	

<u>Itemcode</u> : <b>DR1032</b>	
<b>Q32:</b> Computer aided drug design technique where the study of interaction of ligand molecule with receptor is known as	
<b>A</b>	Hansch Analysis
<b>B</b>	Docking
<b>C</b>	Free Wilson analysis
<b>D</b>	None of the above
Correct Ans: <b>B</b>	

<u>Itemcode</u> : <b>DR1033</b>	
<b>Q33:</b> Lignocaine is chemically	
<b>A</b>	N-(2,4-dimethylphenyl)-N2,N2-dimethylglycinamide
<b>B</b>	N-(2,4-diethylphenyl)-N2,N2-dimethylglycinamide
<b>C</b>	N-(2,6-dimethylphenyl)-N2,N2-diethylglycinamide
<b>D</b>	N-(2,6-dimethylpentyl)-N2,N2-diethylglycinamide
Correct Ans: <b>C</b>	

<u>Itemcode</u> : <b>DR1034</b>	
<b>Q34:</b> p-Aminophenylbutyric acid and ethylene oxide are the starting materials for the synthesis of	

<b>A</b>	ThioTEPA
<b>B</b>	Chlorambucil
<b>C</b>	Busulfan
<b>D</b>	Methotrexate
Correct Ans: <b>B</b>	

<u>Itemcode</u> : <b>DR1035</b>	
<b>Q35:</b> Identify the most active erythromycin	
<b>A</b>	Erythromycin A
<b>B</b>	Erythromycin B
<b>C</b>	Erythromycin C
<b>D</b>	Erythromycin D
Correct Ans: <b>A</b>	

<u>Itemcode</u> : <b>DR1036</b>	
<b>Q36:</b> The following are the characteristics of a primary standard substance except	
<b>A</b>	High purity
<b>B</b>	Stability
<b>C</b>	Low hygroscopicity
<b>D</b>	Low equivalent weight
Correct Ans: <b>D</b>	

<u>Itemcode</u> : <b>DR1037</b>	
<b>Q37:</b> Identify the suitable indicator for the titration of bromide and iodide by Fajans method	
<b>A</b>	Gentian violet
<b>B</b>	Phenolphthalein
<b>C</b>	Eosin
<b>D</b>	Murexide
Correct Ans: <b>C</b>	

<u>Itemcode</u> : <b>DR1038</b>	
<b>Q38:</b> Identify the chromatographic technique where the principle of separation is partition	
<b>A</b>	Column chromatography
<b>B</b>	Paper chromatography
<b>C</b>	Gas solid chromatography
<b>D</b>	Thin layer chromatography
Correct Ans: <b>B</b>	



Itemcode : **DR1039**

**Q39:** Identify the chemical shift range of methoxy group

- |          |           |
|----------|-----------|
| <b>A</b> | 3.3 - 3.8 |
| <b>B</b> | 6.5 - 5.2 |
| <b>C</b> | 2.0 - 2.6 |
| <b>D</b> | 1.5 - 2.2 |

Correct Ans: **A**

Itemcode : **DR1040**

**Q40:** The order of electronic transitions in UV is

- |          |  |
|----------|--|
| <b>A</b> | $\sigma-\sigma^* > n-\sigma^* > n-\pi^* > \pi-\pi^*$ |
| <b>B</b> | $n-\sigma^* > n-\pi^* > \pi-\pi^* > \sigma-\sigma^*$ |
| <b>C</b> | $\sigma-\sigma^* > n-\sigma^* > \pi-\pi^* > n-\pi^*$ |
| <b>D</b> | $\sigma-\sigma^* > \pi-\pi^* > n-\sigma^* > n-\pi^*$ |

Correct Ans: **C**

Itemcode : **DR1041**

**Q41:** Identify the pathogen responsible for the cause of filariasis

- |          |                            |
|----------|----------------------------|
| <b>A</b> | Wuchereria bancrofti       |
| <b>B</b> | Mycobacterium tuberculosis |
| <b>C</b> | Entamoeba histolytica      |
| <b>D</b> | Aedes aegypti              |

Correct Ans: **A**

Itemcode : **DR1042**

**Q42:** The following are the autoimmune disorders of skin except

- |          |                    |
|----------|--------------------|
| <b>A</b> | Morphea            |
| <b>B</b> | Erythema nodosum   |
| <b>C</b> | Sjogren's syndrome |
| <b>D</b> | Vitiligo           |

Correct Ans: **C**

Itemcode : **DR1043**

**Q43:** The causative organism of syphilis is

- |          |                          |
|----------|--------------------------|
| <b>A</b> | Aedes aegypti            |
| <b>B</b> | Streptococcus syphilatis |
| <b>C</b> | Treponema pallidum       |

**D** Wuchereria bancrofti

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Correct Ans: **C**

Itemcode : **DR1044**  
**Q44:** Identify the beta lactum antibiotic

**A** Chloramphenicol

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**B** Streptomycin

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**C** Tetracycline

---

**D** Penicillin

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Correct Ans: **D**

Itemcode : **DR1045**  
**Q45:** Identify the proton pump inhibitor used in the treatment of peptic ulcer

**A** Cimitidine

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**B** Omeprazole

---

**C** Nifedipine

---

**D** Propanalol

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Correct Ans: **B**

Itemcode : **DR1046**  
**Q46:** Asthma is characterized by recurrent episodes of

**A** Wheezing

---

**B** Chest tightness

---

**C** Coughing

---

**D** All the above

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Correct Ans: **D**

Itemcode : **DR1047**  
**Q47:** Which drug has a high first pass effect

**A** Amiodarone

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**B** Phenytoin

---

**C** Verapamil

---

**D** Disopyramide

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Correct Ans: **C**

Itemcode : **DR1048**  
**Q48:** Flushing is occurs when alcohol is taken along with

**A** Phenformin

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**B** Chlorpropamide

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<b>C</b>	Glibenclamide
<b>D</b>	Tolbutamide
Correct Ans: <b>B,D</b>	

<u>Itemcode</u> : <b>DR1049</b>	
<b>Q49:</b> Gray baby syndrome is caused by	
<b>A</b>	Chloramphenicol
<b>B</b>	Erythromycin
<b>C</b>	Penicillin
<b>D</b>	Ketoconazole
Correct Ans: <b>A</b>	

<u>Itemcode</u> : <b>DR1050</b>	
<b>Q50:</b> Identify the drug which act by inhibiting mycolic acid synthesis	
<b>A</b>	Ethambutol
<b>B</b>	Norfloxacin
<b>C</b>	Lincomycin
<b>D</b>	Isoniazid
Correct Ans: <b>D</b>	

<u>Itemcode</u> : <b>DR1051</b>	
<b>Q51:</b> Ciprofloxacin increases the toxicity of theophylline by	
<b>A</b>	Inhibiting metabolism
<b>B</b>	Decreasing excretion
<b>C</b>	Promote absorption
<b>D</b>	All the above
Correct Ans: <b>A,B</b>	

<u>Itemcode</u> : <b>DR1052</b>	
<b>Q52:</b> The ganglion blocking drugs act by	
<b>A</b>	Competing with acetylcholine at neuromuscular junction
<b>B</b>	Preventing nerve conduction in post ganglionic segment
<b>C</b>	Preventing release of acetylcholine
<b>D</b>	Preventing catecholamine release
Correct Ans: <b>C</b>	

<u>Itemcode</u> : <b>DR1053</b>	
<b>Q53:</b> Identify the 5-HT receptor antagonist	
<b>A</b>	Ondansetron

<b>B</b>	Risperidone
<b>C</b>	Ketanserine
<b>D</b>	Sumatriptan
Correct Ans: <b>A</b>	

<u>Itemcode</u> : <b>DR1054</b>	
<b>Q54:</b> Identify the diuretic drug which is a Epithelial sodium channel blocker	
<b>A</b>	Spirolactone
<b>B</b>	Triametrene
<b>C</b>	Metazolamide
<b>D</b>	Torasemide
Correct Ans: <b>B</b>	

<u>Itemcode</u> : <b>DR1055</b>	
<b>Q55:</b> Identify the COX-2 inhibitor	
<b>A</b>	Valdecoxib
<b>B</b>	Indomethacin
<b>C</b>	Morphine
<b>D</b>	Diclofenac
Correct Ans: <b>A</b>	

<u>Itemcode</u> : <b>DR1056</b>	
<b>Q56:</b> Identify the oral hypoglycemic agent	
<b>A</b>	Furosemide
<b>B</b>	Glycolamide
<b>C</b>	Pioglitazone
<b>D</b>	Insulin
Correct Ans: <b>C</b>	

<u>Itemcode</u> : <b>DR1057</b>	
<b>Q57:</b> Tetracycline act by inhibition of protein synthesis by binding with	
<b>A</b>	Cell wall
<b>B</b>	Acetyl CoA
<b>C</b>	50 S ribosomal subunit
<b>D</b>	30 S ribosomal subunit
Correct Ans: <b>D</b>	

<u>Itemcode</u> : <b>DR1058</b>	
<b>Q58:</b> Identify the antihyperlipidemic drug which act as bile acid sequestrant	

<b>A</b>	Clofibrate
<b>B</b>	Colsevelam
<b>C</b>	Simvastatin
<b>D</b>	Niacin
Correct Ans: <b>B</b>	

<u>Itemcode</u> : <b>DR1059</b>	
<b>Q59:</b> Identify the anti-HIV drug which is a entry inhibitor	
<b>A</b>	Maraviroc
<b>B</b>	Zidovudine
<b>C</b>	Indinavir
<b>D</b>	Rilpivirine
Correct Ans: <b>A</b>	

<u>Itemcode</u> : <b>DR1060</b>	
<b>Q60:</b> All of the following inhibit hepatic enzymes except	
<b>A</b>	Rifampin
<b>B</b>	Phenytoin
<b>C</b>	Phenobarbitone
<b>D</b>	Tolbutamide
Correct Ans: <b>S</b> <b>(S Denotes question scrapped and no credit to Candidates.)</b>	

<u>Itemcode</u> : <b>DR1061</b>	
<b>Q61:</b> Therapeutic index of a drug is an indicator of	
<b>A</b>	Potency
<b>B</b>	Toxicity
<b>C</b>	Safety
<b>D</b>	Efficacy
Correct Ans: <b>B,C</b>	

<u>Itemcode</u> : <b>DR1062</b>	
<b>Q62:</b> According to morphological classification the following crude drugs belongs to the category of rhizomes except	
<b>A</b>	Turmeric
<b>B</b>	Ginger
<b>C</b>	Valerian
<b>D</b>	Aconite
Correct Ans: <b>C,D</b>	

<u>Itemcode</u> : <b>DR1063</b>	
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**Q63:** The endogenous plant growth regulator gibberellic acid is referred as

**A** GA1

**B** GA3

**C** GA7

**D** GA9

Correct Ans: **B**

Itemcode : **DR1064**

**Q64:** Identify the crude drug which contains lignified trichome

**A** Nux vomica

**B** Buchu

**C** Pyrethrum

**D** Datura

Correct Ans: **A**

Itemcode : **DR1065**

**Q65:** Caryophyllaceous stomata is present in

**A** Digitalis

**B** Belladonna

**C** Vasaka

**D** Senna

Correct Ans: **C**

Itemcode : **DR1066**

**Q66:** Identify the oil which contains Vitamin A and Vitamin D as Chemical constituents

**A** Lin seed oil

**B** Cod liver oil

**C** Sesame oil

**D** Hydnocarpus oil

Correct Ans: **B**

Itemcode : **DR1067**

**Q67:** Identify the source of the Saigon cinnamon

**A** Cinnamomum loureirii

**B** Cinnamomum burmanii

**C** Cinnamomum zeylanicum

**D** Cinnamomum verum

Correct Ans: **A**

Itemcode : **DR1068**

**Q68:** Oleanolic acid is a chemical constituent of

**A** Senega

**B** Liquorice

**C** Bitter almond

**D** Ginseng

Correct Ans: **D**

Itemcode : **DR1069**

**Q69:** Identify the herb used as the main source of atropine and scopolamine

**A** Cinchona

**B** Duboisia

**C** Colchicine

**D** Nux vomica

Correct Ans: **B**

Itemcode : **DR1070**

**Q70:** Identify the plant drug useful in the treatment of gout

**A** Ergot

**B** Rauwolfia

**C** Colchicum

**D** Gokhru

Correct Ans: **C**

Itemcode : **DR1071**

**Q71:** Dried rhizomes of *Alpinia officinarum* belongs to the family of Zingiberaceae is a source of

**A** Chitrack

**B** Adusa

**C** Kantkari

**D** Rasna

Correct Ans: **D**

Itemcode : **DR1072**

**Q72:** Ayurvedic preparation in the form of pills are known as

**A** Lehya

**B** Taila

**C** Gutika

**D** Asavas

Correct Ans: **C**

Itemcode : **DR1073**

**Q73:** Following are the drugs containing indole alkaloid except

- |          |            |
|----------|------------|
| <b>A</b> | Lobelia    |
| <b>B</b> | Ergot      |
| <b>C</b> | Vinca      |
| <b>D</b> | Nux vomica |

Correct Ans: **A**

Itemcode : **DR1074**

**Q74:** Following are the adulterants of Digitalis leaves except

- |          |                      |
|----------|----------------------|
| <b>A</b> | Verbascum thapsus    |
| <b>B</b> | Primula vulgaris     |
| <b>C</b> | Symphytum officinale |
| <b>D</b> | Thevetia neriifolia  |

Correct Ans: **D**

Itemcode : **DR1075**

**Q75:** Identify the number of isoprene units in sesquiterpenes

- |          |   |
|----------|---|
| <b>A</b> | 1 |
| <b>B</b> | 2 |
| <b>C</b> | 3 |
| <b>D</b> | 4 |

Correct Ans: **C**

Itemcode : **DR1076**

**Q76:** Identify the anticancer drug obtained from the marine source

- |          |            |
|----------|------------|
| <b>A</b> | Ara - C    |
| <b>B</b> | ATX - II   |
| <b>C</b> | Eptatretin |
| <b>D</b> | Eunicin    |

Correct Ans: **A**

Itemcode : **DR1077**

**Q77:** Identify the test for cardiac glycosides

- |          |               |
|----------|---------------|
| <b>A</b> | Keedes test   |
| <b>B</b> | Raymonds test |
| <b>C</b> | Baljet's test |



<b>D</b>	All the above
Correct Ans: <b>D</b>	

<u>Itemcode</u> : <b>DR1078</b>	
<b>Q78:</b> Libermann-Burchards test is the identification test for	
<b>A</b>	Glycosides
<b>B</b>	Steroids
<b>C</b>	Tannins
<b>D</b>	Napthoquinones
Correct Ans: <b>B</b>	

<u>Itemcode</u> : <b>DR1079</b>	
<b>Q79:</b> Boswellic acid obtained from <i>Bosellia serrata</i> used in cosmetic preparations used to treat	
<b>A</b>	Inflammation
<b>B</b>	Hyperpigmentation
<b>C</b>	Dry skin
<b>D</b>	None of the above
Correct Ans: <b>A</b>	

<u>Itemcode</u> : <b>DR1080</b>	
<b>Q80:</b> Rauwolfia contain the dried roots of the plant <i>Rauwolfia serpentina</i> belongs to the family of	
<b>A</b>	Solanaceae
<b>B</b>	Campanulaceae
<b>C</b>	Rubiaceae
<b>D</b>	Apocynacece
Correct Ans: <b>D</b>	

<u>Itemcode</u> : <b>DR1081</b>	
<b>Q81:</b> Which of the following is true about the Bara Banghal Valley of Himachal Pradesh?	
(i) It lies between the Dhauladhar and the Pir Panjal ranges.	
(ii) It lies in the lower Shivaliks.	
(iii) It lies between the Pir Panjal and the lower Shivaliks.	
<b>A</b>	(i) only.
<b>B</b>	(iii) only.
<b>C</b>	(i) & (ii).
<b>D</b>	(ii) & (iii).
Correct Ans: <b>A</b>	

<u>Itemcode</u> : <b>DR1082</b>	
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**Q82:** Which of the following is true about the Bara Lacha Pass?

- (i) Road from Zaskar, Spiti and Lahaul meet on its top.
- (ii) Roads from Kinnaur and Ladakh cross it through a tunnel.
- (iii) Roads from Zaskar and Lahaul meet on it.
- (iv) Roads from Dharamshala and Rohru meet on it.

**A** (i), (iv).

**B** (i), (ii).

**C** (i), (iii).

**D** (ii), (iii).

Correct Ans: **C**

Itemcode : **DR1083**

**Q83:** Which of the following is true about the tragic incident caused by the Andhra River in 1997 in Shimla district?

- (i) It occurred in the month of July.
- (ii) It swept away the Chirgaon Village in Shimla district causing great loss to lives and properties of people.
- (iii) It was due to the human interferences in the natural processes.
- (iv) It is the only incident of soil erosion by a stream in Shimla district.

**A** (i), (ii)

**B** (ii), (iii)

**C** (iii), (iv)

**D** (iv), (i)

Correct Ans: **B**

Itemcode : **DR1084**

**Q84:** 4. Find out the correct match of the following tribes with their marriage system:

- (i) The Khasas – Gadar type.
- (ii) The Gaddis – Bari Shadi.
- (iii) The Pangwals – Batta - Satta.
- (iv) The Halis – Malia.

**A** (i), (ii)

**B** (ii), (iii)

**C** (iii), (iv)

**D** (iv), (i)

Correct Ans: **D**

Itemcode : **DR1085**

**Q85:** The term "Scheduled Areas" of Himachal Pradesh and some other States is defined in the Indian Constitution:

<b>A</b>	Schedule II
<b>B</b>	Schedule IV
<b>C</b>	Schedule V
<b>D</b>	Schedule III
Correct Ans: <b>C</b>	

Itemcode : **DR1086**

**Q86:** Which of the following is true about the Educational Initiatives being taken for girl education in the Kasturba Gandhi Balika Vidyalayas in Himachal Pradesh?

- (i) They will admit the girl children of poor Scheduled Castes, Scheduled Tribes and minority communities.
- (ii) They will admit the girls of only the Scheduled Caste and Scheduled Tribe families.
- (iii) The annual income of such families must be below Rs. 30,000.

<b>A</b>	(i) only.
<b>B</b>	(ii) only.
<b>C</b>	(ii) and (iii).
<b>D</b>	(iii) and (i).
Correct Ans: <b>A</b>	

Itemcode : **DR1087**

**Q87:** The Anglo – Nepal War (1814-16) took place in the time of the Governor – Generalship of :

<b>A</b>	Lord Wellesley.
<b>B</b>	Lord Amherst.
<b>C</b>	Earl of Minto - I.
<b>D</b>	Marquess of Hastings.
Correct Ans: <b>D</b>	

Itemcode : **DR1088**

**Q88:** Which of the following is correct about the All India and Himachal Pradesh's Women Sex ratios as per the Census of 2011?

<b>A</b>	<u>All India</u>	<u>Himachal Pradesh</u>
	975	930
<b>B</b>	<u>All India</u>	<u>Himachal Pradesh</u>
	960	925
<b>C</b>	<u>All India</u>	<u>Himachal Pradesh</u>
	940	972
<b>D</b>	<u>All India</u>	<u>Himachal Pradesh</u>
	956	950

Correct Ans: **C**

Itemcode : **DR1089**

**Q89:** Which of the following is true about the contribution of Agriculture in State Domestic Product (SDP) in 1990-91?

- (i) It was declined to 30.5%.
- (ii) It was declined to 35.5%.
- (iii) It was declined to 26.5%.

**A** (i) only.

**B** (iii) only.

**C** (i) and (ii).

**D** (iii) and (i).

Correct Ans: **B**

Itemcode : **DR1090**

**Q90:** Which of the following is true about the D.P. Sood Commission?

- (i) It was set up to look into the benami land deals from 2003 to 2011 in Himachal Pradesh.
- (ii) It was set up to look into the benami land deals from 2003 to 2008 in Himachal Pradesh.
- (iii) It was set up to look into the benami land deals from 2005 to 2010 in Himachal Pradesh.

**A** (i) only.

**B** (iii) only.

**C** (ii) & (iii).

**D** (ii) & (i).

Correct Ans: **A**

Itemcode : **DR1091**

**Q91:** In which State of India, Gypsum is produced largely?

**A** Orissa.

**B** Tamil Nadu.

**C** Andhra Pradesh.

**D** Rajasthan.

Correct Ans: **D**

Itemcode : **DR1092**

**Q92:** Which of the following is true about the Indian Economy?

- (i) It became the fourth largest economy by overtaking United Kingdom and Italy.
- (ii) It became the fifth largest economy by overtaking France and United Kingdom.
- (iii) It became the sixth largest economy by overtaking France and Italy.
- (iv) It became the third largest economy by overtaking Germany and Brazil.

<b>A</b>	(i) only.
<b>B</b>	(ii) only.
<b>C</b>	(i) & (iii).
<b>D</b>	(ii) & (iv).
Correct Ans: <b>B</b>	

<u>Itemcode</u> : <b>DR1093</b>	
<b>Q93:</b> Of the following, which is true about the proposed location of three capitals of Andhra Pradesh?	
<b>A</b>	Amaravati, Kurnool & Vishakhapatnam.
<b>B</b>	Amaravati, Vishakhapatnam & Guntur.
<b>C</b>	Vishakhapatnam, Sikandarabad & Kurnool.
<b>D</b>	Amaravati, Trichy & Guntur
Correct Ans: <b>A</b>	

<u>Itemcode</u> : <b>DR1094</b>	
<b>Q94:</b> The Agha Khan Cup is associated with:	
<b>A</b>	Badminton.
<b>B</b>	Hockey.
<b>C</b>	Football.
<b>D</b>	Table-Tenis.
Correct Ans: <b>B</b>	

<u>Itemcode</u> : <b>DR1095</b>	
<b>Q95:</b> Find out the correct match of the following Associations with their founders?	
	(i) Atmiya Samaj – (a) Gopal Krishna Gokhale.
	(ii) Prarthana Samaj – (b) Ram Mohan Roy.
	(iii) Servants of India Society – (c) Atmaram Pandurang.
	(iv) Young Bengal Movement – (d) Henry Vivian Derozio.
<b>A</b>	(i) – (b); (ii) – (c); (iii) – (a); (iv) – (d).
<b>B</b>	(i) – (c); (ii) – (a); (iii) – (b); (iv) – (d).
<b>C</b>	(i) – (d); (ii) – (b); (iii) – (c); (iv) – (a).
<b>D</b>	(i) – (a); (ii) – (c); (iii) – (d); (iv) – (b).
Correct Ans: <b>A</b>	

<u>Itemcode</u> : <b>DR1096</b>	
<b>Q96:</b> The Head-quarters of the ASEAN (Association of South-East Asian Nations) is located in:	
<b>A</b>	Manila.
<b>B</b>	Kuala Lumpur.

<b>C</b>	Jakarta.
<b>D</b>	Bangkok.
Correct Ans: <b>C</b>	

<u>Itemcode</u> : <b>DR1097</b>	
<b>Q97:</b> Which of the following is true about the Electoral College of the USA formed for the Presidential election?	
(i) Each of its 50 States only is given a number of Electoral College votes.	
(ii) Each of its 50 States plus Washington D.C., is given a number of electoral college votes.	
(iii) The total number of electoral college votes is 540.	
(iv) A candidate must get 270 electoral votes to win (50 p.c. plus one only).	
<b>A</b>	(i) & (iii).
<b>B</b>	(iii) & (ii).
<b>C</b>	(iv) & (i).
<b>D</b>	(ii) & (iv).
Correct Ans: <b>D</b>	

<u>Itemcode</u> : <b>DR1098</b>	
<b>Q98:</b> Which of the following State became the latest member of the International Monetary Fund in 2020?	
<b>A</b>	Andorra.
<b>B</b>	Vatican City.
<b>C</b>	Malta.
<b>D</b>	Monaco.
Correct Ans: <b>A</b>	

<u>Itemcode</u> : <b>DR1099</b>	
<b>Q99:</b> The Chinese Medical Practitioner, who first sounded the alarm on the Wuhan Coronavirus?	
<b>A</b>	Dr. Si-Wang-tsu.
<b>B</b>	Dr. Mei-Fangtse.
<b>C</b>	Dr. Li-Wenliang.
<b>D</b>	Dr. Chan-Tse.
Correct Ans: <b>C</b>	

<u>Itemcode</u> : <b>DR1100</b>	
<b>Q100:</b> Which of the following is true about the Brexit Deal of United Kingdom (U.K.)?	
(i) The U.K. decided to quit the European Union through a Referendum.	
(ii) But the conservative party could not get it passed in the British Parliament, though it made two attempts between 2017-19.	
(iii) But the entire nation wanted to quit the European Union.	

(iv) In the snap election held in December 2019, the conservative party won and hence the European Union was left.

**A** (i), (iii).

**B** (i), (iv).

**C** (i), (ii).

**D** (ii), (iii).

Correct Ans: **B**