

National Testing Agency

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Subject Name : PGQP24
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PGQP24

Group Number : 1
Group Id : 19088929
Group Maximum Duration : 0
Group Minimum Duration : 120
Show Attended Group? : No
Edit Attended Group? : No
Break time : 0
Group Marks : 400
Is this Group for Examiner? : No

PART A - General

Section Id : 19088977
Section Number : 1
Section type : Online
Mandatory or Optional : Mandatory

Number of Questions : 25
Number of Questions to be attempted : 25
Section Marks : 100
Enable Mark as Answered Mark for Review and Clear Response : Yes
Sub-Section Number : 1
Sub-Section Id : 190889113
Question Shuffling Allowed : Yes

Question Number : 1 Question Id : 1908893299 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Select the correct word that can best complete the given sentence:

By training children at a young age we can bring out the _____ talents in them.

- | | |
|-----------------|--------------|
| (1) artificial | (2) budding |
| (3) superficial | (4) inherent |

Options :

19088913101. 1

19088913102. 2

19088913103. 3

19088913104. 4

Question Number : 2 Question Id : 1908893300 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

From the choices given below, select the pair which exhibits the same relationship as the one in capitalized pair of words:

SOUP : APPETIZER

- | | |
|------------------------|-----------------------|
| (1) coffee : bean | (2) pudding : dessert |
| (3) breakfast : cereal | (4) tea : drink |

Options :

19088913105. 1

19088913106. 2

19088913107. 3

19088913108. 4

Question Number : 3 Question Id : 1908893301 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Select the most suitable synonym :

MUDDLE

- | | |
|--------------|---------------|
| (1) whisper | (2) horde |
| (3) disorder | (4) speculate |

Options :

19088913109. 1

19088913110. 2

19088913111. 3

19088913112. 4

Question Number : 4 Question Id : 1908893302 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Identify the part of the body with which the disease is associated:

Leukemia

- | | |
|-----------|----------------------|
| (1) heart | (2) skin |
| (3) lungs | (4) lymphatic system |

Options :

19088913113. 1

19088913114. 2

19088913115. 3

19088913116. 4

Question Number : 5 Question Id : 1908893303 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Identify the meaning of the expression below from the options given:

Per se

- | | |
|----------------------|-----------------|
| (1) by word of mouth | (2) gossip |
| (3) by itself | (4) spontaneous |

Options :

19088913117. 1

19088913118. 2

19088913119. 3

19088913120. 4

Question Number : 6 Question Id : 1908893304 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Identify the meaning of the underlined word:

Home appliances manufacturer 'B' electrical Limited is looking for acquisitions in the domestic market.

- | | |
|----------------|----------------|
| (1) obtainment | (2) apprentice |
| (3) attrition | (4) attention |

Options :

19088913121. 1

19088913122. 2

19088913123. 3

19088913124. 4

Question Number : 7 Question Id : 1908893305 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Identify the meaning of the phrase below from the options given:

Leave to a person by a will

- | | |
|-------------|--------------|
| (1) beseech | (2) billow |
| (3) blanch | (4) bequeath |

Options :

19088913125. 1

19088913126. 2

19088913127. 3

19088913128. 4

Question Number : 8 Question Id : 1908893306 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Select the most suitable antonym:

SKIMPY

- (1) glaring
- (3) affluent

- (2) modest
- (4) generous

Options :

19088913129. 1

19088913130. 2

19088913131. 3

19088913132. 4

Question Number : 9 Question Id : 1908893307 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Identify the meaning of the idiom from the options given:

A man of the world

- (1) headstrong and arrogant
- (2) highly trustworthy
- (3) very popular because of success
- (4) highly experienced in many fields

Options :

19088913133. 1

19088913134. 2

19088913135. 3

19088913136. 4

Question Number : 10 Question Id : 1908893308 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Select the correct word from the answer:

Now a days, it is difficult to _____ good books in English.

- | | |
|-----------|------------|
| (1) track | (2) verify |
| (3) find | (4) know |

Options :

19088913137. 1

19088913138. 2

19088913139. 3

19088913140. 4

Question Number : 11 Question Id : 1908893309 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

If Neena says "Anita's father Raman is the only son of my father-in-law Mahipal", then how is Bindu, who is the sister of Anita, related to Mahipal?

- | | |
|-----------|-------------------|
| (1) Neice | (2) Daughter |
| (3) Wife | (4) None of these |

Options :

19088913141. 1

19088913142. 2

19088913143. 3

19088913144. 4

Question Number : 12 Question Id : 1908893310 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Choose the missing term out of the given alternatives.

Y, W, U, S, Q, __, __

(1) N, J

(2) M, L

(3) J, R

(4) O, M

Options :

19088913145. 1

19088913146. 2

19088913147. 3

19088913148. 4

Question Number : 13 Question Id : 1908893311 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Arrange the given words in alphabetical order and tick the one that comes last.

(1) Abandon

(2) Actuate

(3) Accumulate

(4) Acquit

Options :

19088913149. 1

19088913150. 2

19088913151. 3

19088913152. 4

Question Number : 14 Question Id : 1908893312 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Raman ranks sixteenth from the top and forty nine from the bottom in a class. How many students are there in the class?

(1) 64

(2) 65

(3) 66

(4) None of these

Options :

19088913153. 1

19088913154. 2

19088913155. 3

19088913156. 4

Question Number : 15 Question Id : 1908893313 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

If $\times$ means $\div$, $-$ means $\times$, $\div$ means $+$ and $+$ means $-$, then

$$(3 - 15 \div 19) \times 8 + 6 = ?$$

(1) 8

(2) 4

(3) 2

(4) -1

Options :

19088913157. 1

19088913158. 2

19088913159. 3

19088913160. 4

Question Number : 16 Question Id : 1908893314 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Choose the correct alternative based on relationship :

Botany : Plants :: Entomology : ?

(1) Snakes

(2) Insects

(3) Birds

(4) Germs

Options :

19088913161. 1

19088913162. 2

19088913163. 3

19088913164. 4

Question Number : 17 Question Id : 1908893315 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Choose the correct answer:

$$9572 - 4018 - 2164 = ?$$

(1) 3300

(2) 3390

(3) 3570

(4) 7718

Options :

19088913165. 1

19088913166. 2

19088913167. 3

19088913168. 4

Question Number : 18 Question Id : 1908893316 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The H.C.F. (Highest Common Factor) of 2923 and 3239 is :

(1) 37

(2) 47

(3) 73

(4) 79

Options :

19088913169. 1

19088913170. 2

19088913171. 3

19088913172. 4

Question Number : 19 Question Id : 1908893317 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

One fifth of a number exceeds one seventh of the same by 10. The number is :

- | | |
|---------|---------|
| (1) 125 | (2) 150 |
| (3) 175 | (4) 200 |

Options :

19088913173. 1

19088913174. 2

19088913175. 3

19088913176. 4

Question Number : 20 Question Id : 1908893318 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

If a number, divided by 4, is reduced by 21, the number is :

- | | |
|--------|--------|
| (1) 18 | (2) 20 |
| (3) 28 | (4) 38 |

Options :

19088913177. 1

19088913178. 2

19088913179. 3

19088913180. 4

Question Number : 21 Question Id : 1908893319 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The newly launched 100 rupees notes have the motif of ————— on the reverse side.

- | | |
|------------------------|------------------|
| (1) Mangalyaan | (2) Sanchi stupa |
| (3) Hampi with chariot | (4) Rani ki vav |

Options :

19088913181. 1

19088913182. 2

19088913183. 3

19088913184. 4

Question Number : 22 Question Id : 1908893320 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The 'Mission Purvodaya' initiative is related to the development of which of the following?

- | | |
|------------------------|------------------|
| (1) Agriculture sector | (2) Space sector |
| (3) Dairy sector | (4) Steel sector |

Options :

19088913185. 1

19088913186. 2

19088913187. 3

19088913188. 4

Question Number : 23 Question Id : 1908893321 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Generally wooden doors are difficult to open or close during rainy season because of

- | | |
|---------------|--------------------|
| (1) Diffusion | (2) Imbibition |
| (3) Osmosis | (4) Photosynthesis |

Options :

19088913189. 1

19088913190. 2

19088913191. 3

19088913192. 4

Question Number : 24 Question Id : 1908893322 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Mahabhasya, an outstanding work in the fields of Sanskrit grammar, is attributed to

- | | |
|---------------|-------------|
| (1) Ghosha | (2) Ashwins |
| (3) Patanjali | (4) Kalidas |

Options :

19088913193. 1

19088913194. 2

19088913195. 3

19088913196. 4

Question Number : 25 Question Id : 1908893323 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Who among the following passed the Bengal Sati Regulation Act, 1829, which declared the practice of 'Sati' a punishable offence?

- | | |
|---------------------------|---------------------|
| (1) Lord William Bentinck | (2) Lord Dalhousie |
| (3) Lord Wellesley | (4) Warren Hastings |

Options :

19088913197. 1

19088913198. 2

19088913199. 3

19088913200. 4

PART B - PHARMACEUTICS

Section Id :

19088978

Section Number :

2

Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	75
Number of Questions to be attempted :	75
Section Marks :	300
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	190889114
Question Shuffling Allowed :	Yes

Question Number : 26 Question Id : 1908893324 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Higher the HLB value of surfactant, more _____ it is.

- | | |
|-----------------|-------------------|
| (1) Hydrophilic | (2) Lipophilic |
| (3) Amphoteric | (4) None of these |

Options :

19088913201. 1

19088913202. 2

19088913203. 3

19088913204. 4

Question Number : 27 Question Id : 1908893325 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Bingham bodies show which type of flow?

- | | |
|--------------------|------------------|
| (1) Newtonian flow | (2) Plastic flow |
| (3) Pseudoplastic | (4) Dilatant |

Options :

- 19088913205. 1
- 19088913206. 2
- 19088913207. 3
- 19088913208. 4

Question Number : 28 Question Id : 1908893326 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following vaccine is the combination of two different adenoviruses (Ad26 and Ad5)?

- | | |
|-------------|----------------|
| (1) Covaxin | (2) Covishield |
| (3) Covovax | (4) Sputnik V |

Options :

- 19088913209. 1
- 19088913210. 2
- 19088913211. 3
- 19088913212. 4

Question Number : 29 Question Id : 1908893327 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Gluconeogenesis is regulated by

- | | |
|------------------|--------------|
| (1) ACTH | (2) Glucagon |
| (3) Progesterone | (4) Insulin |

Options :

- 19088913213. 1
- 19088913214. 2
- 19088913215. 3

19088913216. 4

Question Number : 30 Question Id : 1908893328 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

SARS-CoV-2 is a

- (1) Double stranded RNA-enveloped virus
- (2) Single stranded RNA-enveloped virus
- (3) Double stranded DNA virus
- (4) Single stranded DNA virus

Options :

19088913217. 1

19088913218. 2

19088913219. 3

19088913220. 4

Question Number : 31 Question Id : 1908893329 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Describe the coronavirus structure

- (1) Club shaped glycoprotein spikes protrude through a lipid bilayer
- (2) An icosahedral structure with an envelope
- (3) An icosahedral large pleomorphic virus
- (4) Large regimented barrel shaped virus

Options :

19088913221. 1

19088913222. 2

19088913223. 3

19088913224. 4

Question Number : 32 Question Id : 1908893330 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

On November 19, 2020, the FDA issued an Emergency Use Authorization (EUA) for in hospitalized adults and children aged ≥ 2 years with COVID-19 who require supplemental oxygen, invasive mechanical ventilation, or extracorporeal membrane oxygenation. Which of the following drug is given in combination with remdesivir?

- | | |
|-----------------|-----------------|
| (1) Baricitinib | (2) Trastuzumab |
| (3) Doxycycline | (4) Lopinavir |

Options :

19088913225. 1

19088913226. 2

19088913227. 3

19088913228. 4

Question Number : 33 Question Id : 1908893331 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Digitalis purpurea is a cardiotonic drug belonging to the family

- | | |
|------------------|----------------------|
| (1) Apocynaceae | (2) Lilliaceae |
| (3) Polygonaceae | (4) Scrophulariaceae |

Options :

19088913229. 1

19088913230. 2

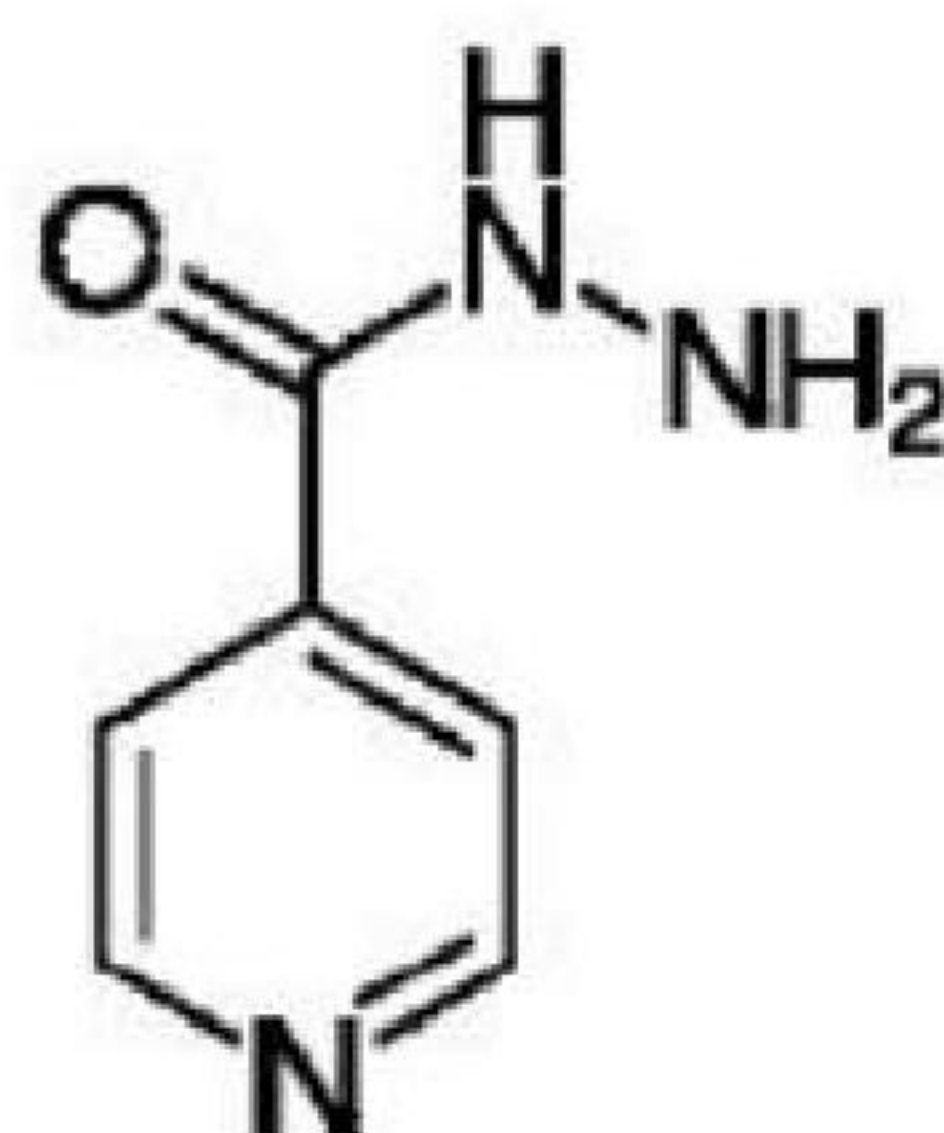
19088913231. 3

19088913232. 4

Question Number : 34 Question Id : 1908893332 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The chemical structure



is known as

(1) Isoniazid

(2) Pyrazinamide

(3) Ethoxinamide

(4) Rifampicin

Options :

19088913233. 1

19088913234. 2

19088913235. 3

19088913236. 4

Question Number : 35 Question Id : 1908893333 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Pregn-4-ene-3,20-dione is

(1) Norethisterone

(2) Ethynodiol

(3) Ethisterone

(4) Progesterone

Options :

19088913237. 1

19088913238. 2

19088913239. 3

19088913240. 4

Question Number : 36 Question Id : 1908893334 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following ring is present in sulphamethoxazole

- | | |
|--------------|---------------|
| (1) Pyrazole | (2) Thiazole |
| (3) Oxazole | (4) Isoxazole |

Options :

19088913241. 1

19088913242. 2

19088913243. 3

19088913244. 4

Question Number : 37 Question Id : 1908893335 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following acids has the highest degree of ionization in an aqueous solution

- | | |
|-----------------------|---------------------------|
| (1) Aspirin pKa- 3.5 | (2) Indomethacin pKa- 4.5 |
| (3) Warfarin pKa- 5.1 | (4) Ibuprofen pKa- 5.2 |

Options :

19088913245. 1

19088913246. 2

19088913247. 3

19088913248. 4

Question Number : 38 Question Id : 1908893336 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Sorbitan esters, used as nonionic surfactants, are

- | | |
|------------------|--------------------|
| (1) Tweens | (2) Spans |
| (3) Polawaxes | (4) Poloxalkols |

Options :

19088913249. 1

19088913250. 2

19088913251. 3

19088913252. 4

Question Number : 39 Question Id : 1908893337 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

What is the starting material of retinol?

- | | |
|--------------------------------------|--|
| (1) Butyraldehyde and formic acid | (2) Beta-ionone and methylvinyl lactone |
| (3) Ribulose | (4) Beta -ionone and methyl lactone |

Options :

19088913253. 1

19088913254. 2

19088913255. 3

19088913256. 4

Question Number : 40 Question Id : 1908893338 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

What is the common name of cis-9-octadecanoic acid?

- | | |
|--------------------|-------------------------|
| (1) Oleic acid | (2) Linoleic acid |
| (3) Lauric acid | (4) Palmitoleic acid |

Options :

19088913257. 1

19088913258. 2

19088913259. 3

19088913260. 4

Question Number : 41 Question Id : 1908893339 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following drug is used to treat hypertension during pregnancy?

(1) Hydralazine

(2) Diazoxide

(3) Clonidine

(4) Minoxidil

Options :

19088913261. 1

19088913262. 2

19088913263. 3

19088913264. 4

Question Number : 42 Question Id : 1908893340 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Indicate which one of the following drugs may interfere with the uptake of ^{123}I in the thyroid gland

(1) Beta-blockers

(2) Alpha blockers

(3) Calcium channel blockers

(4) Amiodarone

Options :

19088913265. 1

19088913266. 2

19088913267. 3

19088913268. 4

Question Number : 43 Question Id : 1908893341 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Witepsol is a type of

- | | |
|---------------------|----------------------|
| (1) Aqueous base | (2) Emulsifying base |
| (3) Oleagenous base | (4) None of these |

Options :

19088913269. 1

19088913270. 2

19088913271. 3

19088913272. 4

Question Number : 44 Question Id : 1908893342 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Dip tube in aerosol container is made up of

- | | |
|--------------------------------|----------------------|
| (1) Polyethylene/polypropylene | (2) Propylene glycol |
| (3) PEG | (4) All |

Options :

19088913273. 1

19088913274. 2

19088913275. 3

19088913276. 4

Question Number : 45 Question Id : 1908893343 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Vanishing creams are called so because

- (1) They disappear during formulation mix
- (2) They vanish during removal from skin surface
- (3) They disappear after rubbing application
- (4) None of these

Options :

19088913277. 1

19088913278. 2

19088913279. 3

19088913280. 4

Question Number : 46 Question Id : 1908893344 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Cold creams are

- (1) O/W-type borax cream
- (2) W/O-type borax cream
- (3) O/W-type cationic emulsifier wax cream
- (4) W/O-type triethanolamine cream

Options :

19088913281. 1

19088913282. 2

19088913283. 3

19088913284. 4

Question Number : 47 Question Id : 1908893345 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The stationary phase used in gel permeation chromatography

- (1) Alumina
- (2) Charcoal
- (3) Squalene
- (4) Styrene divinyl benzene copolymer

Options :

- 19088913285. 1
- 19088913286. 2
- 19088913287. 3
- 19088913288. 4

Question Number : 48 Question Id : 1908893346 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Bathochromic shift depends on:

- | | |
|---------------------------|----------------------------|
| (1) Isolated double bonds | (2) Conjugated double bond |
| (3) Thermal conductivity | (4) Absorption of light |

Options :

- 19088913289. 1
- 19088913290. 2
- 19088913291. 3
- 19088913292. 4

Question Number : 49 Question Id : 1908893347 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

RP-HPLC method contains

- (1) Stationary phase is polar and mobile phase is non-polar
- (2) Stationary phase is non-polar and mobile phase is polar
- (3) Stationary phase is non-polar and mobile phase is non-polar
- (4) Stationary phase is polar and mobile phase is polar

Options :

- 19088913293. 1
- 19088913294. 2
- 19088913295. 3

19088913296. 4

Question Number : 50 Question Id : 1908893348 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

In TLC silica-G is used as coating material 'G' means

- (1) Gelatin and used to improve solubility of silica
- (2) Gelatin and used as a binder
- (3) Gypsum and used to improve solubility of silica
- (4) Gypsum and used as a binder

Options :

19088913297. 1

19088913298. 2

19088913299. 3

19088913300. 4

Question Number : 51 Question Id : 1908893349 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Identity non-ionic surfactant

- | | |
|---------------------------|--------------|
| (1) Sodium lauryl sulfate | (2) Spans |
| (3) Benzalkonium chloride | (4) Lecithin |

Options :

19088913301. 1

19088913302. 2

19088913303. 3

19088913304. 4

Question Number : 52 Question Id : 1908893350 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Finger print region in IR spectra is

- | | |
|--------------------------------|--------------------------------|
| (1) 1400-4000 cm^{-1} | (2) 4000-8000 cm^{-1} |
| (3) 400-1400 cm^{-1} | (4) None of these |

Options :

19088913305. 1

19088913306. 2

19088913307. 3

19088913308. 4

Question Number : 53 Question Id : 1908893351 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Volume capacity of '000' size capsule is

- | | |
|-------------|-------------|
| (1) 0.95 ml | (2) 0.85 ml |
| (3) 0.75 ml | (4) 1.37ml |

Options :

19088913309. 1

19088913310. 2

19088913311. 3

19088913312. 4

Question Number : 54 Question Id : 1908893352 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Chemically Mayer's reagent is

- | | |
|-------------------------------|------------------------------|
| (1) Potassium mercuric iodide | (2) Potassium bismuth iodide |
| (3) I_2 and KI | (4) Picric acid |

Options :

19088913313. 1

19088913314. 2

19088913315. 3

19088913316. 4

Question Number : 55 Question Id : 1908893353 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Amylases consists of which type of glycosidic linkage

- | | |
|------------------|------------------|
| (1) α 1-4 | (2) α 1-2 |
| (3) β 1-4 | (4) β 1-2 |

Options :

19088913317. 1

19088913318. 2

19088913319. 3

19088913320. 4

Question Number : 56 Question Id : 1908893354 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which one of the following is not an ex-officio member of Pharmacy Council of India?

- (1) The Director General of Health Services
- (2) The Director of Central Drugs Laboratory
- (3) The Drugs Controller General of India
- (4) The Director of Pharmacopoeia Laboratory

Options :

19088913321. 1

19088913322. 2

19088913323. 3

19088913324. 4

Question Number : 57 Question Id : 1908893355 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Coulter counter is used in determination of

- | | |
|---------------------------|----------------------|
| (1) particle surface area | (2) particle size |
| (3) particle volume | (4) all of the above |

Options :

19088913325. 1

19088913326. 2

19088913327. 3

19088913328. 4

Question Number : 58 Question Id : 1908893356 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Alkaloids are not precipitated by

- | | |
|---------------------|---------------------------|
| (1) Mayer's reagent | (2) Dragendorff's Reagent |
| (3) Picric acid | (4) Millon's reagent |

Options :

19088913329. 1

19088913330. 2

19088913331. 3

19088913332. 4

Question Number : 59 Question Id : 1908893357 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which solvent used in NMR analysis

- | | |
|--------------------------|--------------|
| (1) Chloroform | (2) Acetone |
| (3) Carbon tetrachloride | (4) Methanol |

Options :

19088913333. 1

19088913334. 2

19088913335. 3

19088913336. 4

Question Number : 60 Question Id : 1908893358 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The Schedule in Drugs and Cosmetics Act that deals with the requirements and guidelines for clinical trials, import and manufacture of new drugs is

- | | |
|------------------|------------------|
| (1) Schedule 'O' | (2) Schedule 'M' |
| (3) Schedule 'F' | (4) Schedule 'Y' |

Options :

19088913337. 1

19088913338. 2

19088913339. 3

19088913340. 4

Question Number : 61 Question Id : 1908893359 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

How many parts of 10 % ointment be mixed with 2 parts of 15 % ointment to get 12% ointment

- | | |
|-------|-------|
| (1) 2 | (2) 3 |
| (3) 5 | (4) 6 |

Options :

19088913341. 1

19088913342. 2

19088913343. 3

19088913344. 4

Question Number : 62 Question Id : 1908893360 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

A drug whose solubility is 1.5 g/L in water, when given orally at a dose of 400 mg is absorbed upto 95% of the administered dose. The drug belongs to which class according to the BCS classification?

- | | |
|---------------|--------------|
| (1) Class I | (2) Class II |
| (3) Class III | (4) Class IV |

Options :

19088913345. 1

19088913346. 2

19088913347. 3

19088913348. 4

Question Number : 63 Question Id : 1908893361 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following statements is FALSE for artemisinin?

- (1) It is a sesquiterpene lactone endoperoxide
- (2) It is a drug of choice in prophylaxis of malaria
- (3) It does not cure relapsing malaria
- (4) It is useful in treatment of cerebral falciparum malaria

Options :

19088913349. 1

19088913350. 2

19088913351. 3

19088913352. 4

Question Number : 64 Question Id : 1908893362 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Creaming in emulsions is governed by

- | | |
|---------------------|------------------|
| (1) Gay–Lussacs law | (2) Newton's law |
| (3) Stoke's law | (4) Charles' law |

Options :

19088913353. 1

19088913354. 2

19088913355. 3

19088913356. 4

Question Number : 65 Question Id : 1908893363 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

BCG vaccine contains

- (1) A live-attenuated strain derived from M. bovis
- (2) A live-attenuated strain derived from M. Africanum
- (3) A live-attenuated strain derived from M. tuberculosis
- (4) A dead-attenuated strain derived from M. Africanum

Options :

19088913357. 1

19088913358. 2

19088913359. 3

19088913360. 4

Question Number : 66 Question Id : 1908893364 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following statement is true about famotidine

- (1) It contains thiazole ring and completely antagonises H₂ receptor
- (2) It contains furan ring and neutralizes gastric acid
- (3) It contains thiazole ring and neutralizes gastric acid
- (4) It contains furan ring and completely antagonises H₂ receptor

Options :

19088913361. 1

19088913362. 2

19088913363. 3

19088913364. 4

Question Number : 67 Question Id : 1908893365 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

A naturally occurring amino acid which does not have a chiral centre is

- | | |
|----------------|--------------|
| (1) Glycine | (2) Alanine |
| (3) Tryptophan | (4) Tyrosine |

Options :

19088913365. 1

19088913366. 2

19088913367. 3

19088913368. 4

Question Number : 68 Question Id : 1908893366 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

CONI SNAP is a commercial name of

- | | |
|--------------------------|---------------------|
| (1) Diluent | (2) Tablet package |
| (3) Capsule shell design | (4) Flavoring agent |

Options :

19088913369. 1

19088913370. 2

19088913371. 3

19088913372. 4

Question Number : 69 Question Id : 1908893367 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is the correct precursor of the colchicine

(1) Dihydrotyrosine

(2) Phenylalanine

(3) Ornithine

(4) Lysine

Options :

19088913373. 1

19088913374. 2

19088913375. 3

19088913376. 4

Question Number : 70 Question Id : 1908893368 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following antihypertensive drug produces its effects by blocking alpha-1 adrenergic receptor?

(1) Minoxidil

(2) Methyldopa

(3) Terazosin

(4) Labetolol

Options :

19088913377. 1

19088913378. 2

19088913379. 3

19088913380. 4

Question Number : 71 Question Id : 1908893369 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Minoxidil is related to

- (1) Multiple sites including α -2 agonist
- (2) Catecholamine release
- (3) Sympathetic neuronal block
- (4) Non-selective vasodilation

Options :

19088913381. 1

19088913382. 2

19088913383. 3

19088913384. 4

Question Number : 72 Question Id : 1908893370 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The mechanism of action of digitalis is

- (1) Decreases intracellular sodium concentration
- (2) Inhibits sodium potassium ATPase
- (3) Activates adenylcyclase which produces cAMP
- (4) Decreases release of calcium from sarcoplasmic reticulum

Options :

19088913385. 1

19088913386. 2

19088913387. 3

19088913388. 4

Question Number : 73 Question Id : 1908893371 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Mechanism of action of ondansetron is

- | | |
|--|--|
| (1) Muscarinic receptor antagonist | (2) Histamine H ₂ receptor antagonist |
| (3) Histamine H ₁ receptor antagonist | (4) 5HT ₃ receptor antagonist |

Options :

19088913389. 1

19088913390. 2

19088913391. 3

19088913392. 4

Question Number : 74 Question Id : 1908893372 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

An organism which has been implicated as a possible cause of chronic gastritis and peptic ulcer is

- | | |
|---------------------------------|-----------------------------|
| (1) <i>Campylobacter jejuni</i> | (2) <i>Escherichia coli</i> |
| (3) <i>Helicobacter pylori</i> | (4) <i>Giardia lamblia</i> |

Options :

19088913393. 1

19088913394. 2

19088913395. 3

19088913396. 4

Question Number : 75 Question Id : 1908893373 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Mechanism of action of lansoprazole which is used for peptic ulcer is

- (1) Histamine H₂ receptor antagonist
- (2) Proton pump inhibitor
- (3) Antacid
- (4) Inhibit gastrin secretion

Options :

19088913397. 1

19088913398. 2

19088913399. 3

19088913400. 4

Question Number : 76 Question Id : 1908893374 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Phase-IV clinical trials deal with

- | | |
|---------------------------|--------------------------|
| (1) Post marketing survey | (2) Safety and efficacy |
| (3) Micro dosing | (4) Bioequivalence study |

Options :

19088913401. 1

19088913402. 2

19088913403. 3

19088913404. 4

Question Number : 77 Question Id : 1908893375 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is correct?

- (1) Mottling is partial separation of top or bottom crowns of the tablet from main body
- (2) Mottling is uneven distribution of color on the tablet surface
- (3) Lamination refers to adhering of tablet material to die wall
- (4) Sticking is unequal distribution of color on the tablet surface

Options :

19088913405. 1

19088913406. 2

19088913407. 3

19088913408. 4

Question Number : 78 Question Id : 1908893376 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following functional groups can be found in epinephrine

- (1) Tertiary aliphatic amine
- (2) Phenolic hydroxyl group
- (3) Secondary aliphatic amine
- (4) Tertiary alcoholic hydroxyl group

Options :

19088913409. 1

19088913410. 2

19088913411. 3

19088913412. 4

Question Number : 79 Question Id : 1908893377 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is directly compressible polymer?

- | | |
|------------|------------|
| (1) PVP | (2) Avicel |
| (3) DI-Tab | (4) HPMC |

Options :

19088913413. 1

19088913414. 2

19088913415. 3

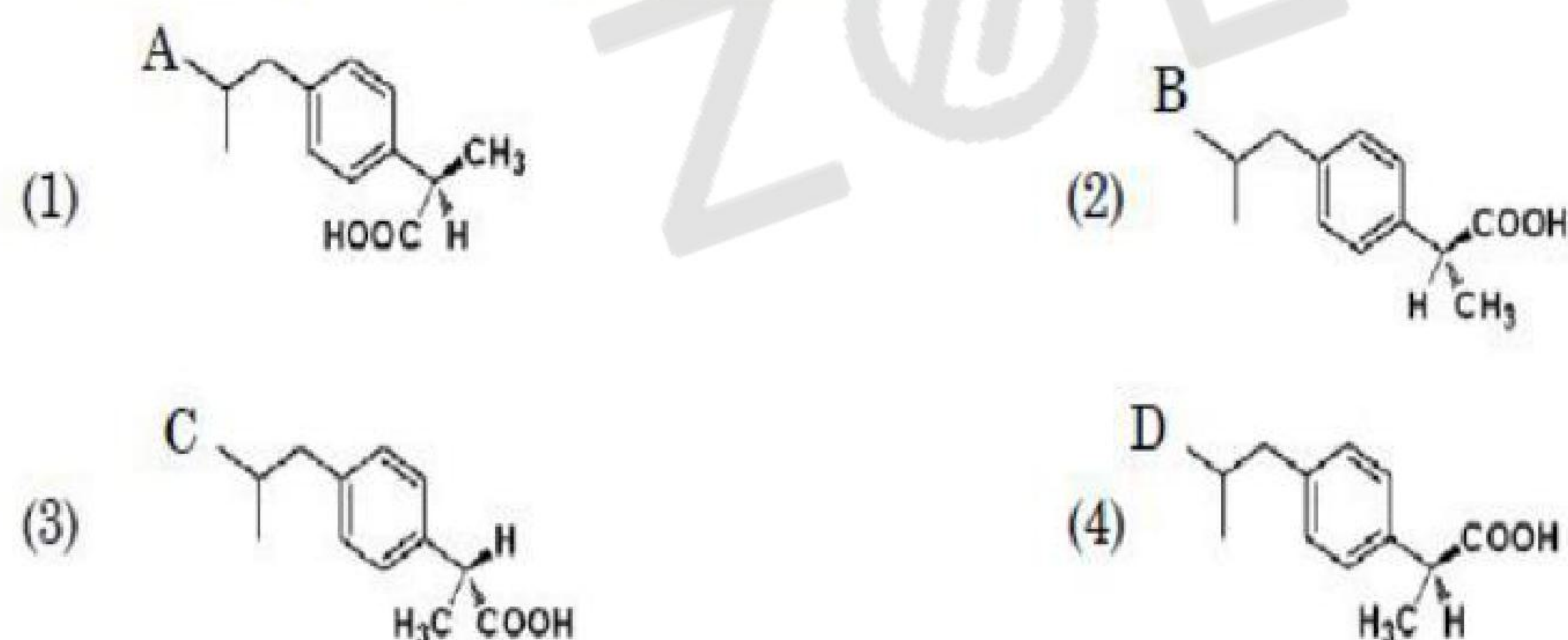
19088913416. 4

Question Number : 80 Question Id : 1908893378 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The S enantiomer of ibuprofen is responsible for its pain-relieving properties. Which one of the structures shown is (S)-ibuprofen?



Options :

19088913417. 1

19088913418. 2

19088913419. 3

19088913420. 4

Question Number : 81 Question Id : 1908893379 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is used for enteric coating?

- | | |
|---------|----------|
| (1) PVP | (2) HPMC |
| (3) CAP | (4) HPC |

Options :

19088913421. 1

19088913422. 2

19088913423. 3

19088913424. 4

Question Number : 82 Question Id : 1908893380 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Sodium nitroprusside is one of the most potent blood pressure lowering drugs. Its use is limited because of

- | | |
|----------------------------------|----------------------------------|
| (1) Its short duration of action | (2) Very long duration of action |
| (3) Ineffective orally | (4) None of these |

Options :

19088913425. 1

19088913426. 2

19088913427. 3

19088913428. 4

Question Number : 83 Question Id : 1908893381 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

In a hypertensive patient who is taking insulin to treat diabetes, which of the following drugs is to be used with extra caution and advice to the patient?

- | | |
|------------------|-----------------|
| (1) Hydralazine | (2) Prazosin |
| (3) Guanethidine | (4) Propranolol |

Options :

19088913429. 1

19088913430. 2

19088913431. 3

19088913432. 4

Question Number : 84 Question Id : 1908893382 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

ACE inhibitors are associated with a high incidence of which of the following adverse reactions

- | | |
|---------------------|-----------------|
| (1) Hepatitis | (2) Hypokalemia |
| (3) Agranulocytosis | (4) Proteinuria |

Options :

19088913433. 1

19088913434. 2

19088913435. 3

19088913436. 4

Question Number : 85 Question Id : 1908893383 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The standard used in the determination of fluoride through potentiometry is

- | | |
|-----------------------|------------------------|
| (1) Sodium fluoride | (2) Potassium fluoride |
| (3) Any fluoride salt | (4) None of these |

Options :

19088913437. 1

19088913438. 2

19088913439. 3

19088913440. 4

Question Number : 86 Question Id : 1908893384 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which type of the glass is not used for parenteral products

- | | |
|--------------|-------------|
| (1) Type I | (2) Type II |
| (3) Type III | (4) Type IV |

Options :

19088913441. 1

19088913442. 2

19088913443. 3

19088913444. 4

Question Number : 87 Question Id : 1908893385 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which Schedule has standard for ophthalmic preparation

- | | |
|-----------------|-----------------|
| (1) Schedule F1 | (2) Schedule F2 |
| (3) Schedule F3 | (4) Schedule FF |

Options :

19088913445. 1

19088913446. 2

19088913447. 3

19088913448. 4

Question Number : 88 Question Id : 1908893386 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Clove contains which type of calcium oxalate crystal

(1) Prism

(2) Acicular

(3) Cluster

(4) Rossette

Options :

19088913449. 1

19088913450. 2

19088913451. 3

19088913452. 4

Question Number : 89 Question Id : 1908893387 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following herbs is considered as valuable 'Nutraceutical'?

(1) Senna

(2) Spirulina

(3) Vasaka

(4) Bael

Options :

19088913453. 1

19088913454. 2

19088913455. 3

19088913456. 4

Question Number : 90 Question Id : 1908893388 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The shell of soft gelatin capsules may be made elastic or plastic like by the addition of

- | | |
|--------------|--------------|
| (1) Sorbitol | (2) Povidone |
| (3) Lactose | (4) PEG |

Options :

19088913457. 1

19088913458. 2

19088913459. 3

19088913460. 4

Question Number : 91 Question Id : 1908893389 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The inert gas used in the gas chromatography is

- | | |
|---------------------|-------------------------------------|
| (1) Hydrogen | (2) CO ₂ /O ₂ |
| (3) Nitrogen/Helium | (4) Sulphur |

Options :

19088913461. 1

19088913462. 2

19088913463. 3

19088913464. 4

Question Number : 92 Question Id : 1908893390 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which test animal is used for pyrogen testing?

- | | |
|------------|----------------|
| (1) Rat | (2) Mice |
| (3) Rabbit | (4) Guinea pig |

Options :

19088913465. 1

19088913466. 2

19088913467. 3

19088913468. 4

Question Number : 93 Question Id : 1908893391 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

LAL test stands for

- | | |
|------------------------------|-------------------------------|
| (1) Linker allele lyase | (2) Limulus amoebocyte lysate |
| (3) Lecithin antigen linkage | (4) None of these |

Options :

19088913469. 1

19088913470. 2

19088913471. 3

19088913472. 4

Question Number : 94 Question Id : 1908893392 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Ergot alkaloids are biosynthesized from

- | | |
|--------------------|----------------|
| (1) Tryptophan | (2) Tryptamine |
| (3) Dihydrotyrosin | (4) Tyrosin |

Options :

19088913473. 1

19088913474. 2

19088913475. 3

19088913476. 4

Question Number : 95 Question Id : 1908893393 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

A liquid, the viscosity of which increases when stress is applied, is from which class of the following materials?

- | | |
|--------------|-------------------|
| (1) Dilatant | (2) Newtonian |
| (3) Plastic | (4) Pseudoplastic |

Options :

19088913477. 1

19088913478. 2

19088913479. 3

19088913480. 4

Question Number : 96 Question Id : 1908893394 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Angle of repose is a measure of

- | | |
|------------------------------|---------------|
| (1) Surface tension | (2) Viscosity |
| (3) Flow property of powders | (4) Density |

Options :

19088913481. 1

19088913482. 2

19088913483. 3

19088913484. 4

Question Number : 97 Question Id : 1908893395 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Dextromethorphan is an:

- | | |
|-----------------|--------------------|
| (1) Analgesic | (2) Antitussive |
| (3) Expectorant | (4) Antihistaminic |

Options :

19088913485. 1

19088913486. 2

19088913487. 3

19088913488. 4

Question Number : 98 Question Id : 1908893396 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The general anaesthetic having significant cardiodepressant property is:

- | | |
|---------------|-------------------|
| (1) Halothane | (2) Enflurane |
| (3) Ether | (4) Nitrous oxide |

Options :

19088913489. 1

19088913490. 2

19088913491. 3

19088913492. 4

Question Number : 99 Question Id : 1908893397 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Barbiturates exert the following actions except:

(1) Anticonvulsant

(2) Analgesic

(3) Antianxiety

(4) Respiratory depressant

Options :

19088913493. 1

19088913494. 2

19088913495. 3

19088913496. 4

Question Number : 100 Question Id : 1908893398 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The characteristic toxicity of doxorubicin is:

(1) Kidney damage

(2) Liver damage

(3) Cardiomyopathy

(4) Pulmonary fibrosis

Options :

19088913497. 1

19088913498. 2

19088913499. 3

19088913500. 4

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