

National Testing Agency

Question Paper Name :	PGQP24 15th Sep 2021 Shift 2
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PGQP24

Group Number :	1
Group Id :	19088929
Group Maximum Duration :	0
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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
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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 | (2) modest |
| (3) affluent | (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

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

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

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 :

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 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 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 |
|--------------------|------------------|

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

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

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

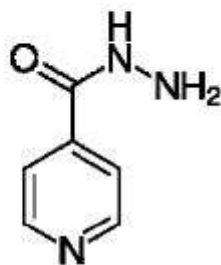
19088913232. 4

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 |

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 trietahnolamine 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

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

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

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) Dragendroff'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 |

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

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

Correct Marks : 4 Wrong Marks : 1

Which of the following statement is true about famotidine

- (1) It contains thiazole ring and completely antagonises H_2 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 H_2 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 |
|-------------|--------------------|

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

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

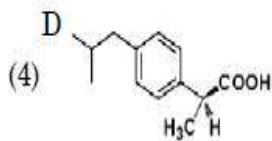
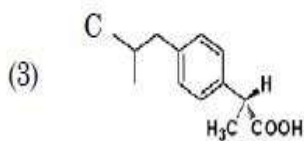
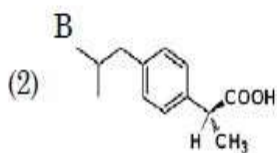
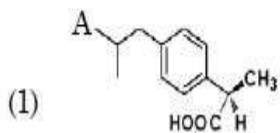
19088913416. 4

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 |
|-----------------|-----------------|

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) Rosette |

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 |
|---------------|---------------|

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