

National Testing Agency

Question Paper Name :	Fish Processing Technology and Fish Post Harvest Technology 17th September Shift 2
Subject Name :	Fish Processing Technology and Fish Post Harvest Technology
Creation Date :	2021-09-17 18:54:46
Duration :	120
Total Marks :	480
Display Marks:	Yes

Fish Processing Technology and Fish Post Harvest Technology

Group Number :	1
Group Id :	190889125
Group Maximum Duration :	0
Group Minimum Duration :	120
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	480
Is this Group for Examiner? :	No

Part A: General Knowledge

Section Id :	190889299
Section Number :	1

Mandatory or Optional :	Mandatory
Number of Questions :	20
Number of Questions to be attempted :	20
Section Marks :	80
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	190889339
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 19088914302 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is the device used to measure the power and speed of the wind?

1. Avometer
2. Anemometer
3. Airometer
4. Aviontimeter

Options :

19088957101. 1

19088957102. 2

19088957103. 3

19088957104. 4

Question Number : 2 Question Id : 19088914303 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Optical fibre used the concept of which of the following?

1. Reflection
2. Refraction
3. Total internal reflection
4. Total internal refraction

Options :

19088957105. 1

19088957106. 2

19088957107. 3

19088957108. 4

Question Number : 3 Question Id : 19088914304 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Yellow vein mosaic is the viral disease of which of the following plants?

1. Ladyfinger
2. Papaya
3. Sugarcane
4. Banana

Options :

19088957109. 1

19088957110. 2

19088957111. 3

19088957112. 4

Question Number : 4 Question Id : 19088914305 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following organ(s) is affected by Mumps disease?

1. Entire body
2. Skin
3. Eye
4. Parotid

Options :

19088957113. 1

19088957114. 2

19088957115. 3

19088957116. 4

Question Number : 5 Question Id : 19088914306 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is the chemical name of vitamin B₂?

1. Riboflavin
2. Calciferol
3. Pyridoxin
4. Niacin

Options :

19088957117. 1

19088957118. 2

19088957119. 3

19088957120. 4

Question Number : 6 Question Id : 19088914307 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is not the input unit of the computer?

1. Mouse
2. Keyboard
3. Screen
4. Scanner

Options :

19088957121. 1

19088957122. 2

19088957123. 3

19088957124. 4

Question Number : 7 Question Id : 19088914308 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The digital computer operates on which of the following principle?

1. Measurement
2. Calculation
3. Logical
4. Electrification

Options :

19088957125. 1

19088957126. 2

19088957127. 3

19088957128. 4

Question Number : 8 Question Id : 19088914309 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The non-cooperation movement of Gandhiji was launched in which of the following year?

1. 1915
2. 1922
3. 1920
4. 1930

Options :

19088957129. 1

19088957130. 2

19088957131. 3

19088957132. 4

Question Number : 9 Question Id : 19088914310 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

An Islamic revivalist movement named Wahabi movement was founded by which of the following person?

1. Sian Saheb
2. Syed Ahmed
3. Haji Shariat-Allah
4. DaduMian

Options :

19088957133. 1

19088957134. 2

19088957135. 3

19088957136. 4

Question Number : 10 Question Id : 19088914311 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is considered as the “Magna Carta of England Education in India”?

1. Hunter education commission
2. Lord Macaulay's Minute
3. Wood's Despatch
4. Thomas Babington Macaulay

Options :

19088957137. 1

19088957138. 2

19088957139. 3

19088957140. 4

Question Number : 11 Question Id : 19088914312 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following nutrient does not come under the ambit of 'macro-nutrients in Soil Health Card?

1. Nitrogen
2. Zinc
3. Phosphorous
4. Potassium

Options :

19088957141. 1

19088957142. 2

19088957143. 3

19088957144. 4

Question Number : 12 Question Id : 19088914313 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Cole crops, root crops and legumes come under the ambit of which of the following?

1. Olericulture
2. Pomology
3. Viticulture
4. Arboriculture

Options :

19088957145. 1

19088957146. 2

19088957147. 3

19088957148. 4

Question Number : 13 Question Id : 19088914314 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The study of individual trees, shrubs, vines, and perennial woody plants is known as which of the following?

1. Turf management
2. Arboriculture
3. Pomology
4. Viticulture

Options :

19088957149. 1

19088957150. 2

19088957151. 3

19088957152. 4

Question Number : 14 Question Id : 19088914315 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The ministry is implementing MIDH (Mission for Integrated Development of Horticulture) with effect from which of the following year?

1. 2012-13
2. 2019-20
3. 2015-16
4. 2014-15

Options :

19088957153. 1

19088957154. 2

19088957155. 3

19088957156. 4

Question Number : 15 Question Id : 19088914316 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The interaction of soils with living things, particularly plants are well known as which of the following?

1. Edaphology
2. Pedology
3. Soil zoology
4. Pedogenesis

Options :

19088957157. 1

19088957158. 2

19088957159. 3

19088957160. 4

Question Number : 16 Question Id : 19088914317 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following systems has also incorporated social aspects in itself?

1. Landscaping
2. Permaculture
3. Horticulture
4. Forest gardening

Options :

19088957161. 1

19088957162. 2

19088957163. 3

19088957164. 4

Question Number : 17 Question Id : 19088914318 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

What do you term the phenomenon whereby the specific gene is added to the plant for producing a desirable phenotype?

1. Genetic manipulation
2. Genetic recombination
3. Genetic modification
4. Genetic hybridisation

Options :

19088957165. 1

19088957166. 2

19088957167. 3

19088957168. 4

Question Number : 18 Question Id : 19088914319 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

What is the focus of the participatory plant breeding program?

1. Scientists
2. Plants
3. Environment
4. Farmers

Options :

19088957169. 1

19088957170. 2

19088957171. 3

19088957172. 4

**Question Number : 19 Question Id : 19088914320 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

How do you term the form of agriculture, in which, industrialized production of crops and animal products takes place?

1. Manufactured agriculture
2. Modern agriculture
3. Industrial agriculture
4. Mechanistic agriculture

Options :

19088957173. 1

19088957174. 2

19088957175. 3

19088957176. 4

**Question Number : 20 Question Id : 19088914321 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

Micro-irrigation fund of Rs. 5.000 crore has been placed with which of the following organization?

1. NABARD
2. IDBI
3. SBI
4. RRBs

Options :

19088957177. 1

19088957178. 2

19088957179. 3

19088957180. 4

Part B Core : Fishery Science-I

Section Id :	190889300
Section Number :	2
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	50
Number of Questions to be attempted :	50
Section Marks :	200
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	190889340
Question Shuffling Allowed :	Yes

Question Number : 21 Question Id : 19088914322 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Largest river, among Peninsular rivers of India, is

1. Krishna
2. Godavari
3. Narmada
4. Mahanadi

Options :

19088957181. 1

19088957182. 2

19088957183. 3

19088957184. 4

Question Number : 22 Question Id : 19088914323 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Maximum landing of shallow-water lobsters is reported from which region of India?

1. Northwest coast
2. Northeast coast
3. Southwest coast
4. Southeast coast

Options :

19088957185. 1

19088957186. 2

19088957187. 3

19088957188. 4

Question Number : 23 Question Id : 19088914324 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is a blue mussel?

1. *Perna viridis*
2. *Perna perna*
3. *Mytilus edulis*
4. *Mytilus californianus*

Options :

19088957189. 1

19088957190. 2

19088957191. 3

19088957192. 4

Question Number : 24 Question Id : 19088914325 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which is a useful biological reference point used in fisheries management for describing fish stocks in relation to exploitation?

1. Maximum sustainable yield
2. Maximum biomass
3. Catch per unit effort
4. Yield / Biomass

Options :

19088957193. 1

19088957194. 2

19088957195. 3

19088957196. 4

Question Number : 25 Question Id : 19088914326 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Indian marine fish production (million tonnes) during 2019-20 was

1. 4.41
2. 3.93
3. 3.72
4. 2.81

Options :

19088957197. 1

19088957198. 2

19088957199. 3

19088957200. 4

Question Number : 26 Question Id : 19088914327 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The target organ of ACTH is

1. Interrenal
2. Pituitary
3. Gonads
4. Muscle

Options :

19088957201. 1

19088957202. 2

19088957203. 3

19088957204. 4

Question Number : 27 Question Id : 19088914328 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Crab egg hatches out into

1. Nauplius
2. Protozoa
3. Zoa
4. Megalopa

Options :

19088957205. 1

19088957206. 2

19088957207. 3

19088957208. 4

Question Number : 28 Question Id : 19088914329 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following areas is categorised under CRZ1-B, as per CRZ notification, 2019?

1. Salt marshes
2. Territorial water
3. Intertidal zone
4. Critically vulnerable coastal areas

Options :

19088957209. 1

19088957210. 2

19088957211. 3

19088957212. 4

Question Number : 29 Question Id : 19088914330 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is the major factor for natural mortality in ocean?

1. Predation
2. Old age
3. Disease
4. Spawning stress

Options :

19088957213. 1

19088957214. 2

19088957215. 3

19088957216. 4

Question Number : 30 Question Id : 19088914331 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is NOT a biodiversity hotspot found in India?

1. Western Ghats
2. Sundarban
3. Sundaland
4. Indo-Burman region

Options :

19088957217. 1

19088957218. 2

19088957219. 3

19088957220. 4

Question Number : 31 Question Id : 19088914332 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Neuromast cells in fishes are associated with

1. Nervous system
2. Skeletal system
3. Lateral line system
4. Muscular system

Options :

19088957221. 1

19088957222. 2

19088957223. 3

19088957224. 4

Question Number : 32 Question Id : 19088914333 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Chemicals that are secreted by individuals to induce a certain behaviour response on conspecific individuals are

1. Hormones
2. Pheromones
3. Cytokines
4. Chemokines

Options :

19088957225. 1

19088957226. 2

19088957227. 3

19088957228. 4

Question Number : 33 Question Id : 19088914334 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Process of yolk production and accumulation in a developing oocyte is

1. Oogenesis
2. Anagenesis
3. Vitellogenesis
4. Cytogenesis

Options :

19088957229. 1

19088957230. 2

19088957231. 3

19088957232. 4

Question Number : 34 Question Id : 19088914335 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

About two-third of bivalve resources in brackishwaters of India is comprised of

1. Pearl oysters
2. Edible oysters
3. Clams
4. Mussels

Options :

19088957233. 1

19088957234. 2

19088957235. 3

19088957236. 4

Question Number : 35 Question Id : 19088914336 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

ISO 22000 is a family of

1. Food safety management standards
2. Quality management standards
3. Environmental management standards
4. Health and safety standards

Options :

19088957237. 1

19088957238. 2

19088957239. 3

19088957240. 4

Question Number : 36 Question Id : 19088914337 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Over pressure retort is normally used for sterilization of

1. Pouches
2. Tin cans
3. Glass containers
4. Aluminum cans

Options :

19088957241. 1

19088957242. 2

19088957243. 3

19088957244. 4

Question Number : 37 Question Id : 19088914338 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The deacetylated form of Chitin is known as

1. Chitosan
2. Chitin
3. Hydrolysates
4. Fish proteins

Options :

19088957245. 1

19088957246. 2

19088957247. 3

19088957248. 4

Question Number : 38 Question Id : 19088914339 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Head quarters of FSSAI is located at

1. New Delhi
2. Cochin
3. Chennai
4. Mumbai

Options :

19088957249. 1

19088957250. 2

19088957251. 3

19088957252. 4

Question Number : 39 Question Id : 19088914340 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Common quality defect in frozen fish is

1. Drip loss
2. Black spot formation
3. Thaw drip
4. Meat disintegration

Options :

19088957253. 1

19088957254. 2

19088957255. 3

19088957256. 4

Question Number : 40 Question Id : 19088914341 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is bio-preservative that can be used in the preservation of fish sausage?

1. Antibiotics
2. Bacteriocin
3. Bacitracin
4. Nitrosamines

Options :

19088957257. 1

19088957258. 2

19088957259. 3

19088957260. 4

Question Number : 41 Question Id : 19088914342 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Major bacterial flora dominated in marine fish is

1. Gram negative bacteria
2. Gram positive bacteria
3. Yeasts
4. Moulds

Options :

19088957261. 1

19088957262. 2

19088957263. 3

19088957264. 4

Question Number : 42 Question Id : 19088914343 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The organism which is a fecal contamination indicator is

1. *E.coli*
2. Vibrios
3. Salmonella
4. Listeria

Options :

19088957265. 1

19088957266. 2

19088957267. 3

19088957268. 4

Question Number : 43 Question Id : 19088914344 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Sun spoilage is very common in

1. Salted and dried fish
2. Freeze dried fish
3. Frozen fish
4. Smoked fish

Options :

19088957269. 1

19088957270. 2

19088957271. 3

19088957272. 4

Question Number : 44 Question Id : 19088914345 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Masmeen is associated with which of the following?

1. Tuna
2. Seer fish
3. Crabs
4. Squids

Options :

19088957273. 1

19088957274. 2

19088957275. 3

19088957276. 4

Question Number : 45 Question Id : 19088914346 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Hardswell spoilage is commonly associated with

1. Frozen fish
2. Canned fish
3. Smoked fish
4. Dried fish

Options :

19088957277. 1

19088957278. 2

19088957279. 3

19088957280. 4

Question Number : 46 Question Id : 19088914347 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

HEPA filter is commonly found in

1. Laminar flow chamber
2. Waterbath
3. Incubator
4. Hot air oven

Options :

19088957281. 1

19088957282. 2

19088957283. 3

19088957284. 4

Question Number : 47 Question Id : 19088914348 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Commonly used solidifying medium in microbiological media preparation is

1. Agarose
2. Carragenan
3. Peptone
4. Agar

Options :

19088957285. 1

19088957286. 2

19088957287. 3

19088957288. 4

Question Number : 48 Question Id : 19088914349 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The father of canning is

1. N. Appert
2. Peter Durand
3. Ames
4. John Needham

Options :

19088957289. 1

19088957290. 2

19088957291. 3

19088957292. 4

Question Number : 49 Question Id : 19088914350 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Fish is called as frozen when the temperature of fish is reduced to

1. -20°C
2. -10°C
3. -1°C
4. -5°C

Options :

19088957293. 1

19088957294. 2

19088957295. 3

19088957296. 4

Question Number : 50 Question Id : 19088914351 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Fish maws is prepared from

1. Air bladder
2. Shark skin
3. Shark fins
4. Fish scales

Options :

19088957297. 1

19088957298. 2

19088957299. 3

19088957300. 4

Question Number : 51 Question Id : 19088914352 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The most commonly used direct system for denoting the size of the yarn is

1. Tex system
2. Denier system
3. British system
4. Metric system

Options :

19088957301. 1

19088957302. 2

19088957303. 3

19088957304. 4

Question Number : 52 Question Id : 19088914353 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following floats is made of low-density materials?

1. Thermocole
2. Glass
3. Aluminium
4. Steel

Options :

19088957305. 1

19088957306. 2

19088957307. 3

19088957308. 4

Question Number : 53 Question Id : 19088914354 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Pump fishing is popular for which group of shellfish?

1. Squids
2. Shrimps
3. Clams
4. Oysters

Options :

19088957309. 1

19088957310. 2

19088957311. 3

19088957312. 4

Question Number : 54 Question Id : 19088914355 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Dol net is more popular in the State of

1. Maharastra
2. Kerala
3. Odissa
4. Karnataka

Options :

19088957313. 1

19088957314. 2

19088957315. 3

19088957316. 4

Question Number : 55 Question Id : 19088914356 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

In Kiln seasoning, in order to remove the moisture, the timber is exposed to

1. Cold air
2. Hot water
3. Hot air
4. Cold water

Options :

19088957317. 1

19088957318. 2

19088957319. 3

19088957320. 4

Question Number : 56 Question Id : 19088914357 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following preservaties is more effective to preserve timber?

1. Oil type
2. Waterborne type
3. Organic solvent type
4. Mixture of element

Options :

19088957321. 1

19088957322. 2

19088957323. 3

19088957324. 4

Question Number : 57 Question Id : 19088914358 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The FRP boat was first introduced in India during the year

1. 1947
2. 1968
3. 1977
4. 1978

Options :

19088957325. 1

19088957326. 2

19088957327. 3

19088957328. 4

Question Number : 58 Question Id : 19088914359 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The farthest distant part from the stem of a boat is called as

1. Stern
2. Stem
3. LOA
4. LBP

Options :

19088957329. 1

19088957330. 2

19088957331. 3

19088957332. 4

Question Number : 59 Question Id : 19088914360 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The measure of ship capacity is denoted as

1. Tonnage
2. Displacement
3. Density
4. Dead weight

Options :

19088957333. 1

19088957334. 2

19088957335. 3

19088957336. 4

**Question Number : 60 Question Id : 19088914361 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

The fishing gear most commonly used to catch Bombay duck fishery along the Maharashtra coast is

1. Rampani
2. Chinese dip net
3. Dol net
4. Trawler

Options :

19088957337. 1

19088957338. 2

19088957339. 3

19088957340. 4

**Question Number : 61 Question Id : 19088914362 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

Complete dissociation of chromatin material in the nucleus is termed as

1. Karyorrhexis
2. Karyolysis
3. Pyknosis
4. Neucleolysis

Options :

19088957341. 1

19088957342. 2

19088957343. 3

19088957344. 4

Question Number : 62 Question Id : 19088914363 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Nephelometer is used to measure

1. Dissolved oxygen
2. Carbon Dioxide
3. pH
4. Turbidity

Options :

19088957345. 1

19088957346. 2

19088957347. 3

19088957348. 4

Question Number : 63 Question Id : 19088914364 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Monocytes differentiate into which kind of phagocytic cells?

1. Neutrophils
2. Basophils
3. Macrophages
4. T Cell

Options :

19088957349. 1

19088957350. 2

19088957351. 3

19088957352. 4

Question Number : 64 Question Id : 19088914365 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which one belongs to crustacean parasite in fish?

1. *Ichthyophthirus*
2. *Ichthyobodo*
3. *Myxobolous*
4. *Argulus*

Options :

19088957353. 1

19088957354. 2

19088957355. 3

19088957356. 4

Question Number : 65 Question Id : 19088914366 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Gas bubble disease is associated with

1. Nitrogen & Oxygen
2. Nitrogen & Hydrogen
3. Oxygen & Hydrogen
4. Hydrogen Sulphide

Options :

19088957357. 1

19088957358. 2

19088957359. 3

19088957360. 4

Question Number : 66 Question Id : 19088914367 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Programmed cell death is called

1. Necrosis
2. Apoptosis
3. Pyknosis
4. Karyolysis

Options :

19088957361. 1

19088957362. 2

19088957363. 3

19088957364. 4

Question Number : 67 Question Id : 19088914368 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Increase in concentration of chemical substance along the trophic level of food chain is called

1. Bioconcentration
2. Bioaccumulation
3. Biomagnification
4. Biotransformation

Options :

19088957365. 1

19088957366. 2

19088957367. 3

19088957368. 4

Question Number : 68 Question Id : 19088914369 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Toxin responsible for Diarrhoetic shellfish poisoning is

1. Saxitoxin
2. Brevetoxin
3. Okadaic acid
4. Domoic acid

Options :

19088957369. 1

19088957370. 2

19088957371. 3

19088957372. 4

Question Number : 69 Question Id : 19088914370 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Average lapse rate in troposphere is

1. 6.4 °C /Km
2. 7.4 °C /Km
3. 8.4 °C /Km
4. 5.4 °C /Km

Options :

19088957373. 1

19088957374. 2

19088957375. 3

19088957376. 4

Question Number : 70 Question Id : 19088914371 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Interspecific relationship where one species suffers and other species experiences no effect is

1. Commensalism
2. Ammensalism
3. Mutualism
4. Predation

Options :

19088957377. 1

19088957378. 2

19088957379. 3

19088957380. 4

Part C : Fish Processing Technology and Fish Post Harvest Technology

Section Id : 190889301

Section Number : 3

Section type : Online



Mandatory or Optional :	Mandatory
Number of Questions :	50
Number of Questions to be attempted :	50
Section Marks :	200
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	190889341
Question Shuffling Allowed :	Yes

Question Number : 71 Question Id : 19088914372 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The ratio of gas mixture to fish in modified atmospheric packaging is

1. 3:1 (v/v)
2. 2:1 (v/v)
3. 1:1 (v/v)
4. 1:3 (v/v)

Options :

19088957381. 1

19088957382. 2

19088957383. 3

19088957384. 4

Question Number : 72 Question Id : 19088914373 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

In protein estimation by Kjeldahl method, digestion of organic nitrogen with sulphuric acid in the presence of a catalyst is

1. An oxidation reaction
2. A reduction reaction
3. A condensation reaction
4. A hydrolysis reaction

Options :

19088957385. 1

19088957386. 2

19088957387. 3

19088957388. 4

**Question Number : 73 Question Id : 19088914374 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

Which among the following is a non-essential amino acid?

1. Methionine
2. Histidine
3. Cysteine
4. Valine

Options :

19088957389. 1

19088957390. 2

19088957391. 3

19088957392. 4

**Question Number : 74 Question Id : 19088914375 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

Fish is a poor source of

1. Retinol
2. Calciferol
3. Ascorbic acid
4. Folic acid

Options :

19088957393. 1

19088957394. 2

19088957395. 3

19088957396. 4

Question Number : 75 Question Id : 19088914376 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

In the tropical countries, fish usually spoils

1. Within 6-12 hrs of catching
2. Within 12-20 hrs of catching
3. Within 20-40 hrs of catching
4. Within 40-70 hrs of catching

Options :

19088957397. 1

19088957398. 2

19088957399. 3

19088957400. 4

Question Number : 76 Question Id : 19088914377 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Fish fillets should be prepared

1. Before onset of rigor
2. During rigor mortis
3. After resolution of rigor
4. As soon as the fish dies

Options :

- 19088957401. 1
- 19088957402. 2
- 19088957403. 3
- 19088957404. 4

Question Number : 77 Question Id : 19088914378 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which phase of bacterial growth is extended by lowering the temperature?

- 1. Log phase
- 2. Lag phase
- 3. Decline phase
- 4. Stationery phase

Options :

- 19088957405. 1
- 19088957406. 2
- 19088957407. 3
- 19088957408. 4

Question Number : 78 Question Id : 19088914379 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Rate of heat transfer of a material is known as

- 1. Thermal conductivity
- 2. Thermal diffusivity
- 3. Specific heat
- 4. Latent heat

Options :

- 19088957409. 1
- 19088957410. 2
- 19088957411. 3

19088957412. 4

Question Number : 79 Question Id : 19088914380 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Operating temperature of air blast freezer is

1. -30°C to -37°C
2. -40°C to -50°C
3. -21°C to -30°C
4. -45°C to -60°C

Options :

19088957413. 1

19088957414. 2

19088957415. 3

19088957416. 4

Question Number : 80 Question Id : 19088914381 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Bulk freezing at sea is usually carried out using

1. Horizontal Plate freezer
2. Vertical plate freezer
3. Air blast freezer
4. Immersion freezer

Options :

19088957417. 1

19088957418. 2

19088957419. 3

19088957420. 4

Question Number : 81 Question Id : 19088914382 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Acceptable limit of TMA in marine fishes is

1. 10-15 mg N / 100 g
2. 35-45 mg N / 100 g
3. 10-15 mg N %
4. 35-45 mg N %

Options :

19088957421. 1

19088957422. 2

19088957423. 3

19088957424. 4

Question Number : 82 Question Id : 19088914383 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following organisms is a faecal contamination indicator?

1. *Clostridium botulinum*
2. *Staphylococcus aureus*
3. *Clostridium perfringens*
4. *Campylobacter jejuni*

Options :

19088957425. 1

19088957426. 2

19088957427. 3

19088957428. 4

Question Number : 83 Question Id : 19088914384 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

3-4 Benzopyrene is a carcinogen present in

1. Fish meal
2. Fish oil
3. Smoked fish
4. Canned fish

Options :

19088957429. 1

19088957430. 2

19088957431. 3

19088957432. 4

Question Number : 84 Question Id : 19088914385 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Freshwater fishes have better quality than marine fishes after the same duration of storage because of absence of

1. TMAO
2. IMP
3. AMP
4. Hypoxanthine

Options :

19088957433. 1

19088957434. 2

19088957435. 3

19088957436. 4

Question Number : 85 Question Id : 19088914386 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

During freezing of fish, maximum ice crystals formation zone lies between

1. -1°C to -5°C
2. -55°C to -60°C
3. -6°C to -10°C
4. $+1^{\circ}\text{C}$ to $+5^{\circ}\text{C}$

Options :

19088957437. 1

19088957438. 2

19088957439. 3

19088957440. 4

Question Number : 86 Question Id : 19088914387 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

During ice storage the spoilage of fish is mainly due to the activity of

1. Psychrophilic bacteria
2. Mesophilic bacteria
3. Thermophilic bacteria
4. Thermoduric Bacteria

Options :

19088957441. 1

19088957442. 2

19088957443. 3

19088957444. 4

Question Number : 87 Question Id : 19088914388 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Options :

- 19088957445. 1
- 19088957446. 2
- 19088957447. 3
- 19088957448. 4

Question Number : 88 Question Id : 19088914389 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Gelatin is the denatured form of

- 1. Collagen
- 2. Chitin
- 3. Chitosan
- 4. Connectinin

Options :

- 19088957449. 1
- 19088957450. 2
- 19088957451. 3
- 19088957452. 4

Question Number : 89 Question Id : 19088914390 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Botulism in canned food is caused by

- 1. *Clostridium botulinum*
- 2. *Clostridium perfringens*
- 3. *Clostridium tetani*
- 4. *Clostridium nigrificans*

Options :

- 19088957453. 1
- 19088957454. 2
- 19088957455. 3

19088957456. 4

Question Number : 90 Question Id : 19088914391 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The distance from the top of the double seam of a can to the base of the chuck wall radius is called as

1. Counter sink depth
2. Head space
3. Cover hook length
4. Body hook length

Options :

19088957457. 1

19088957458. 2

19088957459. 3

19088957460. 4

Question Number : 91 Question Id : 19088914392 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The type of toxin produced by the *Clostridium botulinum* in canned fish product is

1. Neurolytic
2. Proteolytic
3. Lipolytic
4. Saccharolytic

Options :

19088957461. 1

19088957462. 2

19088957463. 3

19088957464. 4

Question Number : 92 Question Id : 19088914393 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

An example for cook chilled fish product is

1. Sous-vide
2. Ham
3. Sausage
4. Komoboko

Options :

19088957465. 1

19088957466. 2

19088957467. 3

19088957468. 4

Question Number : 93 Question Id : 19088914394 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The bacterium causing food intoxication is

1. Salmonella
2. Shigella
3. *Escherichia coli*
4. *Staphylococcus aureus*

Options :

19088957469. 1

19088957470. 2

19088957471. 3

19088957472. 4

Question Number : 94 Question Id : 19088914395 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The moisture content in final dried fish meal is

1. 6-10%
2. 15-20%
3. 20-30%
4. 20-25%

Options :

19088957473. 1

19088957474. 2

19088957475. 3

19088957476. 4

Question Number : 95 Question Id : 19088914396 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The number of degrees ($^{\circ}\text{F}$ or $^{\circ}\text{C}$) required for the TDT curve to pass through one log cycle is known as

1. Z value
2. D value
3. Fo value
4. TDT

Options :

19088957477. 1

19088957478. 2

19088957479. 3

19088957480. 4

Question Number : 96 Question Id : 19088914397 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match **List I** with **List II**

List I	List II
A. Nicholas Appert	I. Double seam technology
B. Peter Durand	II. Thermal process calculation
C. Stumbo	III. Tin plate technology
D. Ames brothers	IV. French confectioner

Choose the **correct** answer from the options given below:

1. A - IV, B - III, C - II, D - I
2. A - III, B - IV, C - I, D - II
3. A - I, B - III, C - IV, D - II
4. A - IV, B - III, C - I, D - II

Options :

19088957481. 1

19088957482. 2

19088957483. 3

19088957484. 4

Question Number : 97 Question Id : 19088914398 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match **List I** with **List II**

List I	List II
A. Fish oil	I. Shark
B. Squalene	II. Shellfish waste
C. Nori	III. PUFA
D. Chitosan	IV. Edible seaweed

Choose the **correct** answer from the options given below:

1. A - III, B - I, C - IV, D - II
2. A - III, B - I, C - II, D - IV
3. A - II, B - III, C - IV, D - I
4. A - I, B - II, C - IV, D - III

Options :

19088957485. 1

19088957486. 2

19088957487. 3

19088957488. 4

**Question Number : 98 Question Id : 19088914399 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

As the acidity of food decreases, the severity of thermal process

1. Increases
2. Decreases
3. Increases and then decreases
4. Decreases and then increases

Options :

19088957489. 1

19088957490. 2

19088957491. 3

19088957492. 4

**Question Number : 99 Question Id : 19088914400 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

Which of the following source of ionizing radiation is mainly permitted for usage in food preservation?

1. UV rays
2. Cosmic rays
3. Radio waves
4. Gamma rays

Options :

19088957493. 1

19088957494. 2

19088957495. 3

19088957496. 4

Question Number : 100 Question Id : 19088914401 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The double seam of a can is mainly characterised by how many layers?

1. 5 layers
2. 3 layers
3. 2 layers
4. 4 layers

Options :

19088957497. 1

19088957498. 2

19088957499. 3

19088957500. 4

Question Number : 101 Question Id : 19088914402 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The *Clostridium botulinum* is

1. An obligate anaerobe
2. A facultative anaerobe
3. An aerobe
4. Microaerophilic

Options :

19088957501. 1

19088957502. 2

19088957503. 3

19088957504. 4

Question Number : 102 Question Id : 19088914403 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Canned products have a shelf life which is measured in terms of

1. Weeks
2. Months
3. Days
4. Years

Options :

19088957505. 1

19088957506. 2

19088957507. 3

19088957508. 4

**Question Number : 103 Question Id : 19088914404 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

Which of the following steps is very important for the canning of the frozen fish?

1. Thawing
2. Brining
3. Blanching
4. Curing

Options :

19088957509. 1

19088957510. 2

19088957511. 3

19088957512. 4

**Question Number : 104 Question Id : 19088914405 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

Spore forming bacteria are NOT considered important in the spoilage of canned foods having pH

1. < 3.7
2. > 4.6
3. 5.0 to 7.0
4. 6.0 to 7.0

Options :

19088957513. 1

19088957514. 2

19088957515. 3

19088957516. 4

Question Number : 105 Question Id : 19088914406 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following structure of protein is alpha helix?

1. Primary
2. Secondary
3. Quarternary
4. Tertiary

Options :

19088957517. 1

19088957518. 2

19088957519. 3

19088957520. 4

Question Number : 106 Question Id : 19088914407 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Functional and textural properties of fish meat depends on

1. Sarcoplasmic proteins
2. Stroma proteins
3. Myofibrillar proteins
4. Collagen

Options :

19088957521. 1

19088957522. 2

19088957523. 3

19088957524. 4

Question Number : 107 Question Id : 19088914408 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Primary structure of protein refers to the sequence of

1. Amino acids
2. Fatty acids
3. Carboxy acids
4. Peptone

Options :

19088957525. 1

19088957526. 2

19088957527. 3

19088957528. 4

Question Number : 108 Question Id : 19088914409 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Bacterium responsible for Kanagawa phenomenon is

1. *Vibrio parahaemolyticus*
2. *Vibrio cholerae*
3. *Vibrio harveyi*
4. *Vibrio vulnificus*

Options :

19088957529. 1

19088957530. 2

19088957531. 3

19088957532. 4

Question Number : 109 Question Id : 19088914410 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

An example of bacterium causing flat sour spoilage in canned foods is

1. *Bacillus stearothermophilus*
2. *Bacillus coagulans*
3. *Bacillus polymyxa*
4. *Clostridium nigrificans*

Options :

19088957533. 1

19088957534. 2

19088957535. 3

19088957536. 4

Question Number : 110 Question Id : 19088914411 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

An instrument which is most commonly used to determine the total lethality of the canned product is

1. Thermal validation system
2. Rheo meter
3. Voscosity meter
4. Texture analyser

Options :

19088957537. 1

19088957538. 2

19088957539. 3

19088957540. 4

Question Number : 111 Question Id : 19088914412 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Match List I with List II

List I	List II
A. Slope of TDT curve	I. D value
B. Z value for Cook value determination	II. Z value
C. Z value for F^0 value determination	III. 33°C
D. Slope of Death rate curve	IV. 10°C

Choose the **correct** answer from the options given below:

1. A - II, B - III, C - IV, D - I
2. A - II, B - III, C - I, D - IV
3. A - III, B - I, C - II, D - IV
4. A - I, B - III, C - IV, D - II

Options :

19088957541. 1

19088957542. 2

19088957543. 3

19088957544. 4

Question Number : 112 Question Id : 19088914413 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

Assertion A : As the acidity of food decreases, the severity of thermal process is increases.

Reason R : The severity of thermal process increases for a food having low acidity.

In light of the above statements, choose the *correct* answer from the options given below

1. Both **A** and **R** are true and **R** is the correct explanation of **A**
2. Both **A** and **R** are true but **R** is NOT the correct explanation of **A**
3. **A** is true but **R** is false
4. **A** is false but **R** is true

Options :

19088957545. 1

19088957546. 2

19088957547. 3

19088957548. 4

Question Number : 113 Question Id : 19088914414 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Given below are two statements, one is labelled as **Assertion A** and the other is labelled as **Reason R**

Assertion A : The presence of *Staphylococcus aureus* in processed seafood is an indication of bad personal hygiene practice.

Reason R : *Staphylococcus aureus* is an indicator organism for personal hygiene.

In light of the above statements, choose the *correct* answer from the options given below

1. Both **A** and **R** are true and **R** is the correct explanation of **A**
2. Both **A** and **R** are true but **R** is NOT the correct explanation of **A**
3. **A** is true but **R** is false
4. **A** is false but **R** is true

Options :

19088957549. 1

19088957550. 2

19088957551. 3

19088957552. 4

Question Number : 114 Question Id : 19088914415 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The bacteriological media commonly used for the isolation and identification of *Vibrios* associated with the seafood are

- A. APW, TCBS
- B. SCB, BSA
- C. Lactose broth, EMB
- D. UVM, PALCAM agar
- E. Lactose broth, BPA

Choose the *correct* answer from the options given below:

1. A, B and D only
2. A only
3. B only
4. C only

Options :

19088957553. 1

19088957554. 2

19088957555. 3

19088957556. 4

**Question Number : 115 Question Id : 19088914416 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

The bacterial pathogens which must be screened in Indian seafood before export to overseas countries is/are

- A. Salmonella
- B. Shigella
- C. *Vibrio cholerae*
- D. *Vibrio parahaemolyticus*
- E. Campylobacter

Choose the *correct* answer from the options given below:

- 1. A, C, D and E only
- 2. B, C and D only
- 3. A only
- 4. D only

Options :

- 19088957557. 1
- 19088957558. 2
- 19088957559. 3
- 19088957560. 4

Question Number : 116 Question Id : 19088914417 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The biogenic amine called Histamine is synthesized from

- 1. Histidine
- 2. Lysine
- 3. Methionine
- 4. Tryptophan

Options :

- 19088957561. 1
- 19088957562. 2
- 19088957563. 3

Question Number : 117 Question Id : 19088914418 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

The ability of a microscope to distinguish two closely related points as distinct and separate is called

1. Resolving power
2. Magnification
3. Eye piece
4. Limit of resolution

Options :

19088957565. 1

19088957566. 2

19088957567. 3

19088957568. 4

Question Number : 118 Question Id : 19088914419 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which of the following is associated with protein denaturation?

1. Viscosity of the protein increases
2. Protein solubility increases
3. Protein precipitates
4. pH increases

Options :

19088957569. 1

19088957570. 2

19088957571. 3

19088957572. 4

Question Number : 119 Question Id : 19088914420 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No

Correct Marks : 4 Wrong Marks : 1

Which one of the following statements is correct with reference to enzymes?

1. Apoenzyme + Coenzyme = Holoenzyme
2. Coenzyme + Cofactor = Apoenzyme
3. Holoenzyme + Prosthetic group = Apoenzyme
4. Holoenzyme + Apoenzyme = Coenzyme

Options :

19088957573. 1

19088957574. 2

19088957575. 3

19088957576. 4

**Question Number : 120 Question Id : 19088914421 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 4 Wrong Marks : 1

Which among the following is a Quality Management System?

1. QACP
2. HACCP
3. GMP/GHP
4. ISO 9000

Options :

19088957577. 1

19088957578. 2

19088957579. 3

19088957580. 4