National Testing Agency

Question Paper Name :	Fish Processing Technology and Fish Post Harvest Technology 23rd Sep 2020 Shift 2
Subject Name :	Fish Processing Technology and Fish Post Harvest Technology
Creation Date :	2020-09-23 19:33:44
Duration :	120
Total Marks :	480
Display Marks:	Yes
Share Answer Key With Delivery Engine :	Yes
Actual Answer Key :	Yes

Fish Processing Technology and Fish Post Harvest Technology

Group Number :	1
Group Id :	71087053
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 :	710870157
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory

Number of Questions :	20
Number of Questions to be attempted :	20
Section Marks :	80
Display Number Panel :	Yes
Group All Questions :	Yes
Mark As Answered Required? :	Yes
Sub-Section Number :	1
Sub-Section Id :	710870157
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 7108706301 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Which one of the following crops is a commercial crop in Punjab and Haryana but is a subsistence crop in Orissa?

1. Tea
2. Cotton
3. Rubber
4. Rice

Options :
71087025201. 1
71087025202. 2
71087025203. 3
71087025204. 4

Question Number : 2 Question Id : 7108706302 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Which of the following are the two most important wheat-growing zones of the country?

A. Ganga-Satluj plains in the north-west

B. Deltaic regions

C. Black soil region of the Deccan

D. Plains of north-east

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

1. Only A and B
2. Only B and C
3. Only C and D
4. Only A and C

Options :

71087025205. 1
71087025206. 2
71087025207. 3
71087025208. 4

Question Number : 3 Question Id : 7108706303 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Indian agriculture is typically characterized as

1. Land surplus, labour scarce economy
2. Land surplus, labour surplus economy
3. Land scarce, labour surplus economy
4. Land scarce, labour scarce economy

Options :

71087025209. 1

71087025210. 2
71087025211. 3
71087025212. 4

Question Number : 4 Question Id : 7108706304 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Which one of the following countries is the main rival of India in tea export?

1. China
2. Japan
3. Germany
4. Sri Lanka

Options :
71087025213. 1
71087025214. 2
71087025215. 3
71087025216. 4

Question Number : 5 Question Id : 7108706305 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement A: MSP is declared by the government every year to provide incentives to the farmers for raising the production of crops.

Statement B: Buffer stock is created to distribute food grains in the deficit areas and among the poorer strata of the society at the lower price than the market price.

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

1. Both Statement A and Statement B are correct
2. Both Statement A and Statement B are incorrect
3. Statement A is correct but Statement B is incorrect
4. Statement A is incorrect but Statement B is correct

Options :

71087025217. 1
71087025218. 2
71087025219. 3
71087025220. 4

Question Number : 6 Question Id : 7108706306 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Which one of the following is a global association of nations of the world to help cooperation in international law, security, economic development and social equity?

1. United Nations Organization
2. International Monetary Fund
3. World Bank
4. World Health Organization

Options :

71087025221. 1

71087025222. 2

71087025223. 3

71087025224. 4

Question Number : 7 Question Id : 7108706307 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Under the Ganga Action Plan Phase II, pollution abatement works are being taken up in how many towns?

1. 57
2. 65
3. 52
4. 69

Options :

71087025225. 1

71087025226. 2

71087025227. 3

71087025228. 4

Question Number : 8 Question Id : 7108706308 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which one of the following statements is **incorrect**?

1. The highest number of pigs in the world are found in India
2. Utter Pradesh provides largest amount of pork
3. Assam has the largest number of pork producing pigs
4. Pork constitutes about 7.6% of the total meat produced in India

Options :

71087025229. 1
71087025230. 2
71087025231. 3
71087025232. 4

Question Number : 9 Question Id : 7108706309 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Which type of N-fertilizer is suitable for water-logged soils?

1. Zinc Phosphate
2. Ammonium Sulphate
3. Calcium
4. Potassium Nitrate

Options :
71087025233. 1
71087025234. 2
71087025235. 3
71087025236. 4

Question Number : 10 Question Id : 7108706310 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

The famous Bailadila range of hills in the Bastar district of Chhattisgarh is famous for its

1. Bauxite deposits
2. Manganese deposits
3. Copper deposits
4. High-grade haematite deposits

Options :
71087025237. 1

71087025238. 2
71087025239. 3
71087025240. 4

Question Number : 11 Question Id : 7108706311 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

A farmer wishes to start a 100 sq. m rectangular vegetable garden. Since he has only 30m barbed wire, he fences three sides of the garden letting his house compound wall act as the fourth side fencing. What is the dimension of the garden?

1. 15 m x 6.67m
2. 20 m x 5 m
3. 30 m x 3.33 m
4. 40 m x 2.5 m

Options :
71087025241. 1
71087025242. 2
71087025243. 3
71087025244. 4

Question Number : 12 Question Id : 7108706312 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

In which one of the following industries, the consumption of natural rubber is the largest?

1. Auto tyres and tubes
2. Footwear
3. Dipped goods
4. Latex foam

Options :

71087025245. 1
71087025246. 2
71087025247. 3
71087025248. 4

Question Number : 13 Question Id : 7108706313 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Which one of the following countries was the partner country of 34th Surajkund International Crafts Fair held in Haryana?

1. China
2. Nepal
3. Bhutan
4. Uzbekistan

Options :
71087025249. 1
71087025250. 2
71087025251. 3
71087025252. 4

Question Number : 14 Question Id : 7108706314 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Nobel laureate Abhijit Vinayak Banerjee was conferred the honorary Doctor of Letters (D. Litt.) by which University?

1. University of Delhi
2. University of Kolkata
3. University of Mumbai
4. University of Hyderabad

Options :
71087025253. 1
71087025254. 2
71087025255. 3
71087025256. 4

Question Number : 15 Question Id : 7108706315 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Where is the headquarters of European Union?

1. Geneva, Switzerland
2. Washington D.C., USA
3. New York, US
4. Brussels, Belgium

Options :
71087025257. 1
71087025258. 2
71087025259. 3
71087025260. 4

Question Number : 16 Question Id : 7108706316 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Which of the following would be deficient if one finds high somatic cell count in the cow's milk?

1. Butterfat
2. Whey protein
3. Casein
4. Trace minerals

Options :
71087025261. 1
71087025262. 2
71087025263. 3
71087025264. 4

Question Number : 17 Question Id : 7108706317 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Who was the first administrator-statesman to attempt planning as a means for economic development?

1. C. Rajagopalachari
2. V. T. Krishnamachari
3. M. Viswesvarayya
4. Sir C. P. Ramaswami Aiyyar

Options :
71087025265. 1
71087025266. 2
71087025267. 3
71087025268. 4

Question Number : 18 Question Id : 7108706318 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Amazon rainforest span over nine countries. In August 2019, in which country did a deadly fire broke out in the Amazon forest?

1. Brazil
2. Venezuela
3. Colombia
4. Argentina

Options :

71087025269. 1

71087025270. 2

71087025271. 3

71087025272. 4

Question Number : 19 Question Id : 7108706319 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Economic liberalization in India started with

1. Sustainable changes in industrial licensing policy
2. The convertibility of the Indian Rupee
3. Significant reduction of tax rates
4. Changes in procedural formalities for FDI

Options :

71087025273. 1

71087025274. 2

71087025275. 3

71087025276. 4

Question Number : 20 Question Id : 7108706320 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The term 'Delimitation' which was in news recently is associated with which process?

1. Fixing the limit of Income tax
2. Fixing limits of Affordable housing
3. Fixing limits of Territorial constituencies
4. Fixing limits of Chairpersons salary

Options :

71087025277. 1

71087025278. 2
71087025279. 3
71087025280. 4

Part B Core Fishery Science I

Section Id :	710870158
Section Number :	2
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	50
Number of Questions to be attempted :	50
Section Marks :	200
Display Number Panel :	Yes
Group All Questions :	Yes
Mark As Answered Required? :	Yes
Sub-Section Number :	1
Sub-Section Id :	710870158
Question Shuffling Allowed :	Yes

Question Number : 21 Question Id : 7108706321 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

The base width of an earthen pond dike depends upon

1. Height, top width and slope of dike
2. Species to be cultured
3. Position of inlets and outlets
4. Distance from the source of water intake

Options :
71087025281. 1
71087025282. 2

71087025283. 3
71087025284. 4

Question Number : 22 Question Id : 7108706322 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

An earthen channel of most economical cross section carries a discharge of 10 cum/sec with velocity of flow being 2.0 m/sec. The area of flow is

1. 20.00 m^2
2. 5.00 m^2
3. 10.00 m^2
4. 0.20 m^2

Options :

71087025285. 1
71087025286. 2
71087025287. 3
71087025288. 4

Question Number : 23 Question Id : 7108706323 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The approximate power requirement for an electrically operated pump, pumping water at the rate of 1242 cum/hr against the head of 10.00 m and with a pump efficiency of 65% shall be

1. 80 BHP
2. 70 BHP
3. 50 BHP
4. 25 BHP

Options :

71087025289. 1
71087025290. 2

71087025291. 3
71087025292. 4

Question Number : 24 Question Id : 7108706324 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

In a trapezoidal earthen channel, if 'T' is top width of flow, 'd' is depth of flow and z:1 is the side slope, the wetted perimeter of flow is

1. $d+2b\ (1+z^2)^{1/2}$
2. $2b+d\ (1+z^2)^{1/2}$
3. $b+2d\ (1+z^2)^{1/2}$
4. $b+d\ (1+z^2)^{1/2}$

Options :

71087025293. 1
71087025294. 2
71087025295. 3
71087025296. 4

Question Number : 25 Question Id : 7108706325 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The most preferred device for supplying compressed air in a hatchery is

1. Turbine air-blowers
2. Twin lobe air compressors
3. Pneumatic air compressors
4. Propeller-aspirator pump

Options :

71087025297. 1
71087025298. 2
71087025299. 3

71087025300. 4

Question Number : 26 Question Id : 7108706326 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

International distress frequency is

1. 3082 KHz
2. 4000 KHz
3. 2082 KHz
4. 2182 KHz

Options :

71087025301. 1
71087025302. 2
71087025303. 3
71087025304. 4

Question Number : 27 Question Id : 7108706327 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which device is used mainly to find out precise position of a pelagic trawl?

1. Transmitter
2. Sonar
3. Echo-sounder
4. Net sonde

Options :

71087025305. 1
71087025306. 2
71087025307. 3
71087025308. 4

Question Number : 28 Question Id : 7108706328 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

A vertical pole made of wood or steel with proper rigging for displaying the necessary and various flags and also light signals during the operation of the vessel is known as

1. Derrick
2. Mask
3. Block
4. Capstan

Options :

71087025309. 1
71087025310. 2
71087025311. 3
71087025312. 4

Question Number : 29 Question Id : 7108706329 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

As per internationally accepted norms, the activity at fishing harbours for which use of clean seawater is NOT recommended as replacement of freshwater is

1. Fish washing box
2. Auction hall hose down
3. Fish rinsing
4. Ice

Options :

71087025313. 1
71087025314. 2
71087025315. 3
71087025316. 4

Question Number : 30 Question Id : 7108706330 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The dredging technique used for dredging slurries containing extremely fine-graded sand particles is

1. Pontoon-mounted grabbing
2. Bucket dredging
3. Pontoon-mounting pumping
4. Cutter-section dredging

Options :

71087025317. 1
71087025318. 2
71087025319. 3
71087025320. 4

Question Number : 31 Question Id : 7108706331 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Widely used devices in a commercial fish meal plant are

1. Spray freezers
2. Blast freezers
3. Disc dryers
4. Ozonizers

Options :

71087025321. 1
71087025322. 2
71087025323. 3
71087025324. 4

Question Number : 32 Question Id : 7108706332 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The power supply from a battery is

1. Always AC
2. Always DC
3. Partially AC and partially DC
4. Intermittently AC and DC both

Options :

71087025325. 1
71087025326. 2
71087025327. 3
71087025328. 4

Question Number : 33 Question Id : 7108706333 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

A complete power supply system consists of

A. A generation system

B. A high voltage transmission grid

C. A distribution system

Select the most appropriate answer from the options given below:

1. A only
2. B only
3. C only
4. Combination of A, B and C

Options :

71087025329. 1

71087025330. 2
71087025331. 3
71087025332. 4

Question Number : 34 Question Id : 7108706334 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The standard voltage of a 3-phase AC power supply system in India is

1. 415 volts
2. 220 volts
3. 320 volts
4. 120 volts

Options :

71087025333. 1
71087025334. 2
71087025335. 3
71087025336. 4

Question Number : 35 Question Id : 7108706335 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

For lighting and heating, the power supply used is mostly

1. Three phase AC
2. Single phase AC
3. DC
4. A combination of AC and DC

Options :

71087025337. 1
71087025338. 2
71087025339. 3

71087025340. 4

Question Number : 36 Question Id : 7108706336 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The Frazer Ganj Fishing harbour is located in the State of

1. West Bengal
2. Maharashtra
3. Odisha
4. Gujarat

Options :

71087025341. 1

71087025342. 2

71087025343. 3

71087025344. 4

Question Number : 37 Question Id : 7108706337 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

In which year did the The United Nations Convention on the Law of The Sea come in to force?

1. 1984
2. 1994
3. 1990
4. 1995

Options :

71087025345. 1

71087025346. 2

71087025347. 3

71087025348. 4

Question Number : 38 Question Id : 7108706338 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Strong acid is secreted in the stomach of

1. Herbivorous fish
2. Omnivorous fish
3. Detritivorous fish
4. Carnivorous fish

Options :

71087025349. 1

71087025350. 2

71087025351. 3

71087025352. 4

Question Number : 39 Question Id : 7108706339 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Gonopodium is seen in the males of

1. Salmons
2. Sharks
3. Gold fish
4. Guppies

Options :

71087025353. 1

71087025354. 2

71087025355. 3

71087025356. 4

Question Number : 40 Question Id : 7108706340 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The smallest eggs are produced by which one of the following groups of fishes?

1. Cyclostomes
2. Flat fishes
3. Sticklebacks
4. Carps

Options :

71087025357. 1
71087025358. 2
71087025359. 3
71087025360. 4

Question Number : 41 Question Id : 7108706341 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Red tide in the sea is usually caused by

1. Diatoms
2. Dynoflagellates
3. Cladocerans
4. Bacteria

Options :

71087025361. 1
71087025362. 2
71087025363. 3
71087025364. 4

Question Number : 42 Question Id : 7108706342 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Protein sparing can be achieved, when it is deficient in the feed by incorporating

1. Starch
2. Lipids
3. Minerals
4. Vitamins

Options :

71087025365. 1
71087025366. 2
71087025367. 3
71087025368. 4

Question Number : 43 Question Id : 7108706343 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Itai-Itai disease is caused by the following in

1. Zinc
2. Mercury
3. Lead
4. Cadmium

Options :

71087025369. 1
71087025370. 2
71087025371. 3
71087025372. 4

Question Number : 44 Question Id : 7108706344 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The exploitation of a fish stock at the right age is called

1. Eumetric fishing
2. Over fishing
3. Under fishing
4. Zero fishing

Options :

71087025373. 1
71087025374. 2
71087025375. 3
71087025376. 4

Question Number : 45 Question Id : 7108706345 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Soft rayed bony fishes are covered with

1. Placoid
2. Cormoid
3. Cycloid
4. Ctenoid

Options :

71087025377. 1
71087025378. 2
71087025379. 3
71087025380. 4

Question Number : 46 Question Id : 7108706346 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which part of Echosounder converts the electrical energy to sound?

1. Transmitter
2. Receiver
3. Transducer
4. Recorder

Options :

71087025381. 1
71087025382. 2
71087025383. 3
71087025384. 4

Question Number : 47 Question Id : 7108706347 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The intestine is shorter in

1. Carnivores
2. Bivalves
3. Amphibians
4. Planktivores

Options :

71087025385. 1
71087025386. 2
71087025387. 3
71087025388. 4

Question Number : 48 Question Id : 7108706348 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The teeth used for crushing and grounding in fish are called

1. Molariforms
2. Ardiforms
3. Canine
4. Incisor

Options :

71087025389. 1
71087025390. 2
71087025391. 3
71087025392. 4

Question Number : 49 Question Id : 7108706349 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Among the various classes of molluscs, filter feeders are exclusive to the class

1. Cephalopods
2. Gastropoda
3. Bivalvia
4. Aplacophora

Options :

71087025393. 1
71087025394. 2
71087025395. 3
71087025396. 4

Question Number : 50 Question Id : 7108706350 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Numerical method of gut content analysis is suitable for

1. Carnivore
2. Omnivore
3. Detritivore
4. Plankton feeder

Options :

71087025397. 1
71087025398. 2
71087025399. 3
71087025400. 4

Question Number : 51 Question Id : 7108706351 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The average number of eggs per unit weight of fish is

1. Relative fecundity
2. Absolute fecundity
3. Population fecundity
4. Rational fecundity

Options :

71087025401. 1
71087025402. 2
71087025403. 3
71087025404. 4

Question Number : 52 Question Id : 7108706352 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The general behavior of the vessel in the sea with respect to motion and comfort of the crew is called

1. Displacement
2. Efficiency
3. Speed
4. Sea kindliness

Options :

71087025405. 1
71087025406. 2
71087025407. 3
71087025408. 4

Question Number : 53 Question Id : 7108706353 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The ideal spindle shaped sinkers used in purse-seine is made up of which one of the following materials?

1. Lead
2. Wood
3. Aluminium
4. Iron

Options :

71087025409. 1
71087025410. 2
71087025411. 3
71087025412. 4

Question Number : 54 Question Id : 7108706354 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The enzyme Transglutaminase belongs to which group?

1. Hydrolase
2. Oxidase
3. Reductase
4. Acyl-transferase

Options :

71087025413. 1
71087025414. 2
71087025415. 3
71087025416. 4

Question Number : 55 Question Id : 7108706355 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The ends of a normal food can appear

1. Round
2. Concave or flat
3. Convex
4. Rectangular

Options :

71087025417. 1
71087025418. 2
71087025419. 3
71087025420. 4

Question Number : 56 Question Id : 7108706356 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The conditon of Honeycombing is common in

1. Sardine
2. Seer
3. Tuna
4. Crab

Options :

71087025421. 1
71087025422. 2
71087025423. 3
71087025424. 4

Question Number : 57 Question Id : 7108706357 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The end product of ATP breakdown is

1. ADP
2. Hypoxanthine
3. IMP
4. Lactic acid

Options :

71087025425. 1
71087025426. 2
71087025427. 3
71087025428. 4

Question Number : 58 Question Id : 7108706358 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The distance from the top of the dorsal seam to the base of the check wall radius is called

1. Cover hook
2. Body hook
3. Seann width
4. Counter sink

Options :

71087025429. 1
71087025430. 2
71087025431. 3
71087025432. 4

Question Number : 59 Question Id : 7108706359 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Food poisoning of canned fish products for *Clostridium botulinum* (Type E) is an indication of which one of the following?

1. Soft swell
2. Hard swell
3. Leaker spoilage
4. Springer

Options :

71087025433. 1
71087025434. 2
71087025435. 3
71087025436. 4

Question Number : 60 Question Id : 7108706360 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The presence of *Staphylococcus cereus* in processed sea food is the indicative of

1. Under processing
2. Over processing
3. Personal hygiene
4. Faecal pollution

Options :

71087025437. 1
71087025438. 2
71087025439. 3
71087025440. 4

Question Number : 61 Question Id : 7108706361 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

DSP in Bivalves is mainly caused by which one of the following organisms?

1. Dinophysis
2. Gymnodinium
3. Diatoms
4. Pyrodinium

Options :

71087025441. 1
71087025442. 2
71087025443. 3
71087025444. 4

Question Number : 62 Question Id : 7108706362 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The cost changes with a change in input is grouped under

1. Variable cost
2. Fixed cost
3. Capital cost
4. Opportunity cost

Options :

71087025445. 1
71087025446. 2
71087025447. 3
71087025448. 4

Question Number : 63 Question Id : 7108706363 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The process of involving local people in the analysis and interpretation of a rural situation is

1. Extension programme
2. Participatory Rural Appraisal
3. Demonstration of results
4. Exhibition

Options :

71087025449. 1
71087025450. 2
71087025451. 3
71087025452. 4

Question Number : 64 Question Id : 7108706364 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Earth digesting protein in the ingested food, in fish synthesize the following

1. Carboxypeptidase
2. Lipases
3. Proteases
4. Pancreatic juice

Options :

71087025453. 1
71087025454. 2
71087025455. 3
71087025456. 4

Question Number : 65 Question Id : 7108706365 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The toxic ingredient trypsin inhibitor is usually present in which one of the following?

1. Ground nut
2. Cotton seed
3. Mustard seeds
4. Soybean

Options :

71087025457. 1
71087025458. 2
71087025459. 3
71087025460. 4

Question Number : 66 Question Id : 7108706366 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Live bacterial cells which beneficially affect fish, aid in the digestion and enrich gut microflora, are refered to as

1. Enzymes
2. Hormones
3. Probiotics
4. Nucleotides

Options :

71087025461. 1
71087025462. 2
71087025463. 3
71087025464. 4

Question Number : 67 Question Id : 7108706367 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

In the manufacture of extruded floating feeds for fish, the following conditions should be met

1. High temperature
2. High pressure
3. High moisture
4. All of above conditions

Options :

71087025465. 1
71087025466. 2
71087025467. 3
71087025468. 4

Question Number : 68 Question Id : 7108706368 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

For estimating digestibility in fish, the following compound is incorporated in feeds at low levels

1. Bentonite
2. Chromic oxide
3. Calcium chloride
4. Magnesium oxide

Options :

71087025469. 1
71087025470. 2
71087025471. 3
71087025472. 4

Question Number : 69 Question Id : 7108706369 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The following programming is used for formulation of least cost diets for fish/shell fish

1. Hardy's Square programming
2. Peterson Square programming
3. Mixed feeding schedule programming
4. Linear programming

Options :

71087025473. 1
71087025474. 2
71087025475. 3
71087025476. 4

Question Number : 70 Question Id : 7108706370 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The deficiency of which one of the following causes haemorrhagic kidney in fish?

1. Iodine
2. Choline
3. Cholestrol
4. Iron

Options :

71087025477. 1
71087025478. 2
71087025479. 3
71087025480. 4

Part C Fish Processing Technology and Fish Post Harvest Technology

Section Id :	710870159
Section Number :	3
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	50
Number of Questions to be attempted :	50
Section Marks :	200
Display Number Panel :	Yes
Group All Questions :	Yes
Mark As Answered Required? :	Yes
Sub-Section Number :	1
Sub-Section Id :	710870159
Question Shuffling Allowed :	Yes

Question Number : 71 Question Id : 7108706371 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

In Kiln seasoning of timber, it is exposed to which one of the following to remove the moisture, insects and fungi?

1. Cold air in a chamber
2. Hot air in a chamber
3. Dry air in a chamber
4. Water in a chamber

Options :

71087025481. 1
71087025482. 2
71087025483. 3
71087025484. 4

Question Number : 72 Question Id : 7108706372 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

What type of preservatives are often employed for the treated wood used in boat building, keeping in view of cleanliness and painting?

1. Oil type
2. Waterborne type
3. Organic solvent type
4. Foam type

Options :

71087025485. 1
71087025486. 2
71087025487. 3
71087025488. 4

Question Number : 73 Question Id : 7108706373 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The outward curvature of the hull surface above the water line is called

1. Beam
2. Flare
3. Sheer
4. Keel

Options :

71087025489. 1
71087025490. 2
71087025491. 3
71087025492. 4

Question Number : 74 Question Id : 7108706374 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The general behavior of the vessel to perform adequately and safely at sea under all conditions and provide sufficient buoyancy and stability is called

1. Seakindliness
2. Seaworthiness
3. Displacement
4. Speed

Options :

71087025493. 1
71087025494. 2
71087025495. 3
71087025496. 4

Question Number : 75 Question Id : 7108706375 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The staple fibres are cut filaments and have a rough surface area. They are prepared from

1. PVD
2. PP
3. PVA
4. PES

Options :

71087025497. 1
71087025498. 2
71087025499. 3
71087025500. 4

Question Number : 76 Question Id : 7108706376 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which one of the following anchors is an American design which can be stowed on the deck?

1. CQR
2. Patent
3. Admirality
4. Danforth

Options :

71087025501. 1
71087025502. 2
71087025503. 3
71087025504. 4

Question Number : 77 Question Id : 7108706377 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which one of the following methods of netting involves making knots at the intersections?

1. Knotless netting
2. Knotted netting
3. Selvedges
4. Cut meshes

Options :

71087025505. 1
71087025506. 2
71087025507. 3
71087025508. 4

Question Number : 78 Question Id : 7108706378 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which one of the following methods involves towing of several lines from a boat using outriggers to catch mainly predatory fishes?

1. Drift line
2. Troll line
3. Hook and Line
4. Pole and Line

Options :

71087025509. 1
71087025510. 2
71087025511. 3
71087025512. 4

Question Number : 79 Question Id : 7108706379 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The fishing method used in several countries for catching jumping fish is

1. Boat traps
2. Bag nets
3. Dragged nets
4. Purse Seine

Options :

71087025513. 1
71087025514. 2
71087025515. 3
71087025516. 4

Question Number : 80 Question Id : 7108706380 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which type of otterboards finds extensive use in midwater trawling irrespective of the size of the trawlers?

1. Oval flat slotted
2. Rectangular flat
3. Vee
4. Suberkrub

Options :

71087025517. 1
71087025518. 2
71087025519. 3
71087025520. 4

Question Number : 81 Question Id : 7108706381 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Important vitamins present in fish liver oil are

1. A & E
2. A & D
3. B & C
4. E & K

Options :

71087025521. 1
71087025522. 2
71087025523. 3
71087025524. 4

Question Number : 82 Question Id : 7108706382 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The most commonly used acid in fish pickle preparation is

1. Formic acid
2. Tartaric acid
3. Benzoic acid
4. Acetic acid

Options :

71087025525. 1
71087025526. 2
71087025527. 3
71087025528. 4

Question Number : 83 Question Id : 7108706383 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The component responsible for sweet taste in shell fish is

1. Glycine
2. Glucose
3. Glycogen
4. Methionine

Options :

71087025529. 1
71087025530. 2
71087025531. 3
71087025532. 4

Question Number : 84 Question Id : 7108706384 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The major saturated fatty acid present in fish oil is

1. Palmitic acid
2. Stearic acid
3. Myristic acid
4. Arachadic acid

Options :

71087025533. 1
71087025534. 2
71087025535. 3
71087025536. 4

Question Number : 85 Question Id : 7108706385 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The process of removal of air at the beginning of operation of a steam retort is called

1. Venting
2. Exhausting
3. Sealing
4. Steaming

Options :

71087025537. 1
71087025538. 2
71087025539. 3
71087025540. 4

Question Number : 86 Question Id : 7108706386 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which component in wood smoke contributes essentially to the typical aroma of smoked fish?

1. Ketones
2. Aldehydes
3. Phenols
4. Acids

Options :

71087025541. 1
71087025542. 2
71087025543. 3
71087025544. 4

Question Number : 87 Question Id : 7108706387 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The time necessary to kill 1/10th of the population of a bacteria or its spores at a specific lethal temperature is called

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

Options :

71087025545. 1
71087025546. 2
71087025547. 3
71087025548. 4

Question Number : 88 Question Id : 7108706388 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Ionizing radiation permitted for use in food preservation is

1. Cosmic rays
2. UV Rays
3. Gamma rays
4. Beta rays

Options :

71087025549. 1
71087025550. 2
71087025551. 3
71087025552. 4

Question Number : 89 Question Id : 7108706389 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

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

1. -10 °C
2. -20 °C
3. -8 °C
4. -5 °C

Options :

71087025553. 1
71087025554. 2
71087025555. 3
71087025556. 4

Question Number : 90 Question Id : 7108706390 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which one of the following freezing methods is NOT generally used for making IQF products?

1. Spiral freezing
2. Tunnel freezing
3. Fluidized freezer
4. Contact plate freezer

Options :

71087025557. 1
71087025558. 2
71087025559. 3
71087025560. 4

Question Number : 91 Question Id : 7108706391 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The synthetic casing used in the manufacture of fish sausage is made from

1. PVDC
2. PP
3. HDPE
4. LLDPE

Options :

71087025561. 1
71087025562. 2
71087025563. 3
71087025564. 4

Question Number : 92 Question Id : 7108706392 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

An intrinsic factor which retards the microbial growth in dried fish is

1. a_w
2. RH
3. O/R potential
4. pH

Options :

71087025565. 1
71087025566. 2
71087025567. 3
71087025568. 4

Question Number : 93 Question Id : 7108706393 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The water washing of separated fish meat would be able to remove which one of the following?

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

Options :

71087025569. 1
71087025570. 2
71087025571. 3
71087025572. 4

Question Number : 94 Question Id : 7108706394 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The survival and growth of which organism causes a type of spoilage in salted and dried fish?

1. Molds
2. Yeasts
3. Protozoans
4. Insects

Options :

71087025573. 1
71087025574. 2
71087025575. 3
71087025576. 4

Question Number : 95 Question Id : 7108706395 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The proteolytic enzymes that are present in fish meat belong to which one of the following groups?

1. Lipases
2. Cathepsins
3. Phenolases
4. Phospolipases

Options :

71087025577. 1
71087025578. 2
71087025579. 3
71087025580. 4

Question Number : 96 Question Id : 7108706396 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The common defect observed in frozen fillets is

1. Gaping
2. Belly bursting
3. Honey combing
4. Freezer burn

Options :

71087025581. 1
71087025582. 2
71087025583. 3
71087025584. 4

Question Number : 97 Question Id : 7108706397 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The Torrymeter is used to assess

1. Protein denaturation
2. K value
3. Melanosis
4. Freshness of fish

Options :

71087025585. 1
71087025586. 2
71087025587. 3
71087025588. 4

Question Number : 98 Question Id : 7108706398 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The primary function of PE sheet in frozen fish packaging is to

1. Act as a barrier to water vapour
2. Increase the rate of cooling
3. Improve the appearance
4. Improve the mechanical strength

Options :

71087025589. 1
71087025590. 2
71087025591. 3
71087025592. 4

Question Number : 99 Question Id : 7108706399 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Tin free steel cans are coated with which one of the following?

1. Tin
2. Chromium oxide
3. Aluminium
4. Iron

Options :

71087025593. 1
71087025594. 2
71087025595. 3
71087025596. 4

Question Number : 100 Question Id : 7108706400 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Clostridium botulinum Type E is capable of growing and producing toxins even at

1. – 3.3 °C
2. 3.3 °C
3. 37 °C
4. 121.1 °C

Options :

71087025597. 1
71087025598. 2
71087025599. 3
71087025600. 4

Question Number : 101 Question Id : 7108706401 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The Z value of *Clostridium botulinum* at 121.1 °C is

1. 12 °C
2. 33 °C
3. 10 °C
4. 3.3 °C

Options :

71087025601. 1
71087025602. 2
71087025603. 3
71087025604. 4

Question Number : 102 Question Id : 7108706402 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which one of the following bacterial group grows in microaerophilic conditions?

1. *Vibrios*
2. *Listeria*
3. *Camphylobacter* sp
4. *Salmonella*

Options :

71087025605. 1
71087025606. 2
71087025607. 3
71087025608. 4

Question Number : 103 Question Id : 7108706403 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The psychrotrophs grow at an optimum temperature of

1. 25 - 30 °C
2. 5 - 15 °C
3. 60 - 90 °C
4. -5 to +5 °C

Options :

71087025609. 1
71087025610. 2
71087025611. 3
71087025612. 4

Question Number : 104 Question Id : 7108706404 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Bacillus stearothermophilus causes which type of spoilage in canned foods?

1. Springer
2. Flipper
3. Soft swell
4. Flat sour

Options :

71087025613. 1
71087025614. 2
71087025615. 3
71087025616. 4

Question Number : 105 Question Id : 7108706405 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

UHT preservation is used for which one of the following foods?

1. Vegetables
2. Milk
3. Seafood
4. Extruded products

Options :

71087025617. 1
71087025618. 2
71087025619. 3
71087025620. 4

Question Number : 106 Question Id : 7108706406 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which one of the following quality standards is part of the joint FAO/WHO Food Standard Programme?

1. ISO
2. USFDA
3. FSSAI
4. Codex

Options :

71087025621. 1
71087025622. 2
71087025623. 3
71087025624. 4

Question Number : 107 Question Id : 7108706407 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The instrument commonly used to check the integrity of muscle fibres of fish meat is

1. Viscometer
2. Texture analyser
3. Spectrophotometer
4. Colour meter

Options :

71087025625. 1
71087025626. 2
71087025627. 3
71087025628. 4

Question Number : 108 Question Id : 7108706408 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

According to USFDA, the food is considered as spoiled if the histamine level reaches

1. 10 ppm
2. 3 ppm
3. 100 ppm
4. 50 ppm

Options :

71087025629. 1
71087025630. 2
71087025631. 3
71087025632. 4

Question Number : 109 Question Id : 7108706409 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

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

List I	List II
A. Underwood	I. Integrated sterilization value
B. Stumbo	II. Canning Technology
C. Peter Durand	III. Double seam technology
D. Ames brothers	IV. Tin plate technology

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

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

Options :

71087025633. 1

71087025634. 2

71087025635. 3

71087025636. 4

Question Number : 110 Question Id : 7108706410 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

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

List I	List II
A. Fish	I. Lactoferrin
B. Cow's milk	II. Conalbumin
C. Poultry egg	III. Cinnamic aldehyde
D. Cinnamon	IV. Lysozyme

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

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

Options :

71087025637. 1

71087025638. 2

71087025639. 3

71087025640. 4

Question Number : 111 Question Id : 7108706411 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

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

List I	List II
A. *Salmonella*	I. BPA
B. *E. coli*	II. TCBS
C. *Staphylococcus aureus*	III. EMB
D. *Vibrios*	IV. BSA

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

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

Options :

71087025641. 1

71087025642. 2

71087025643. 3

71087025644. 4

Question Number : 112 Question Id : 7108706412 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

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

List I	List II
A. $1.0x10^2$ cfu/g	I. *Salmonella*
B. $2.0x10^1$ cfu/g	II. *Staphylococcus*
C. Nil	III. Total plate count (TPC)
D. $1.0x10^7$ cfu/g	IV. *Escherichia coli*

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

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

Options :

71087025645. 1

71087025646. 2

71087025647. 3

71087025648. 4

Question Number : 113 Question Id : 7108706413 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The halophilic pathogenic bacterium widely distributed in coastal water bodies is

1. *V. harveyi*
2. *V. vulnificus*
3. *V. parahaemolyticus*
4. *Salmonella*

Options :

71087025649. 1

71087025650. 2

71087025651. 3

71087025652. 4

Question Number : 114 Question Id : 7108706414 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Radappertisation which refers to an irradiation process to ensure a prolonged shelf life of the food product uses which one of the following radiation doses?

1. 30 - 40 kGy
2. 2.5 - 10 kGy
3. 0.75 - 2.5 kGy
4. 2 - 5 kGy

Options :
71087025653. 1
71087025654. 2
71087025655. 3
71087025656. 4

Question Number : 115 Question Id : 7108706415 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

The Limulus lysate test is a chemical method most commonly used to detect the presence of

1. Exotoxin
2. Spores
3. Endotoxin (LPS)
4. TDH

Options :
71087025657. 1
71087025658. 2
71087025659. 3

71087025660. 4

Question Number : 116 Question Id : 7108706416 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The thermal and mechanical efficiencies are better and yield more power per unit weight in which one of the following engine types?

1. Two stroke engine
2. Four stroke engine
3. High speed engine
4. Medium speed engine

Options :

71087025661. 1
71087025662. 2
71087025663. 3
71087025664. 4

Question Number : 117 Question Id : 7108706417 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The liquid refrigerant used in cryogenic refrigeration system is

1. Air
2. Sulphur dioxide
3. Nitrogen
4. Hydrogen

Options :

71087025665. 1
71087025666. 2
71087025667. 3
71087025668. 4

Question Number : 118 Question Id : 7108706418 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

An insulating material which cannot absorb moisture is

1. Cork
2. Wood
3. Aluminium
4. Glass wool

Options :

71087025669. 1

71087025670. 2

71087025671. 3

71087025672. 4

Question Number : 119 Question Id : 7108706419 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The market type where is only one seller or producer and the product produced does not have a close substitute is

1. Monopoly
2. Oligopoly
3. Monopolistic
4. Oligopolistic

Options :

71087025673. 1

71087025674. 2

71087025675. 3

71087025676. 4

Question Number : 120 Question Id : 7108706420 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

A firm's ideas and actions that it takes which explain how a firm makes its profits is its

1. Strategy
2. Goals
3. Objective
4. Mission

Options :

71087025677. 1

71087025678. 2

71087025679. 3

71087025680. 4