

National Testing Agency

Question Paper Name :	Aquatic Environment Management 23rd Sep 2020 Shift 2
Subject Name :	Aquatic Environment Management
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

Aquatic Environment Management

Group Number :	1
Group Id :	71087055
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 :	710870163
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 :	710870163
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 7108706541 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 :

71087026161. 1
71087026162. 2
71087026163. 3
71087026164. 4

Question Number : 2 Question Id : 7108706542 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 :

- 71087026165. 1
- 71087026166. 2
- 71087026167. 3
- 71087026168. 4

Question Number : 3 Question Id : 7108706543 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 :

- 71087026169. 1

71087026170. 2

71087026171. 3

71087026172. 4

Question Number : 4 Question Id : 7108706544 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 :

71087026173. 1

71087026174. 2

71087026175. 3

71087026176. 4

Question Number : 5 Question Id : 7108706545 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 :

71087026177. 1

71087026178. 2

71087026179. 3

71087026180. 4

Question Number : 6 Question Id : 7108706546 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 :

- 71087026181. 1
- 71087026182. 2
- 71087026183. 3
- 71087026184. 4

Question Number : 7 Question Id : 7108706547 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 :

- 71087026185. 1
- 71087026186. 2
- 71087026187. 3
- 71087026188. 4

Question Number : 8 Question Id : 7108706548 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. Uttar 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 :

71087026189. 1
71087026190. 2
71087026191. 3
71087026192. 4

Question Number : 9 Question Id : 7108706549 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 :

71087026193. 1
71087026194. 2
71087026195. 3
71087026196. 4

Question Number : 10 Question Id : 7108706550 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 :

71087026197. 1

71087026198. 2

71087026199. 3

71087026200. 4

Question Number : 11 Question Id : 7108706551 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 :

71087026201. 1

71087026202. 2

71087026203. 3

71087026204. 4

Question Number : 12 Question Id : 7108706552 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 :

71087026205. 1
71087026206. 2
71087026207. 3
71087026208. 4

Question Number : 13 Question Id : 7108706553 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 :

71087026209. 1
71087026210. 2
71087026211. 3
71087026212. 4

Question Number : 14 Question Id : 7108706554 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 :

- 71087026213. 1
- 71087026214. 2
- 71087026215. 3
- 71087026216. 4

Question Number : 15 Question Id : 7108706555 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 :

- 71087026217. 1
- 71087026218. 2
- 71087026219. 3
- 71087026220. 4

Question Number : 16 Question Id : 7108706556 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 :

- 71087026221. 1
- 71087026222. 2
- 71087026223. 3
- 71087026224. 4

Question Number : 17 Question Id : 7108706557 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 Aiyar

Options :

- 71087026225. 1
- 71087026226. 2
- 71087026227. 3
- 71087026228. 4

Question Number : 18 Question Id : 7108706558 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 :

- 71087026229. 1
- 71087026230. 2
- 71087026231. 3
- 71087026232. 4

Question Number : 19 Question Id : 7108706559 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 :

- 71087026233. 1
- 71087026234. 2
- 71087026235. 3
- 71087026236. 4

Question Number : 20 Question Id : 7108706560 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 :

- 71087026237. 1

71087026238. 2
71087026239. 3
71087026240. 4

Part B Core Fishery Science I

Section Id :	710870164
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 :	710870164
Question Shuffling Allowed :	Yes

**Question Number : 21 Question Id : 7108706561 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 :

71087026241. 1
71087026242. 2

71087026243. 3

71087026244. 4

Question Number : 22 Question Id : 7108706562 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 m²
2. 5.00 m²
3. 10.00 m²
4. 0.20 m²

Options :

71087026245. 1

71087026246. 2

71087026247. 3

71087026248. 4

Question Number : 23 Question Id : 7108706563 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 :

71087026249. 1

71087026250. 2

71087026251. 3

71087026252. 4

Question Number : 24 Question Id : 7108706564 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 :

71087026253. 1

71087026254. 2

71087026255. 3

71087026256. 4

Question Number : 25 Question Id : 7108706565 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 :

71087026257. 1

71087026258. 2

71087026259. 3

71087026260. 4

Question Number : 26 Question Id : 7108706566 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 :

71087026261. 1
71087026262. 2
71087026263. 3
71087026264. 4

Question Number : 27 Question Id : 7108706567 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 :

71087026265. 1
71087026266. 2
71087026267. 3
71087026268. 4

Question Number : 28 Question Id : 7108706568 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 :

71087026269. 1
71087026270. 2
71087026271. 3
71087026272. 4

Question Number : 29 Question Id : 7108706569 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 :

71087026273. 1
71087026274. 2
71087026275. 3
71087026276. 4

Question Number : 30 Question Id : 7108706570 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 :

71087026277. 1
71087026278. 2
71087026279. 3
71087026280. 4

Question Number : 31 Question Id : 7108706571 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 :

71087026281. 1
71087026282. 2
71087026283. 3
71087026284. 4

Question Number : 32 Question Id : 7108706572 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 :

71087026285. 1
71087026286. 2
71087026287. 3
71087026288. 4

Question Number : 33 Question Id : 7108706573 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 :

71087026289. 1

71087026290. 2

71087026291. 3

71087026292. 4

Question Number : 34 Question Id : 7108706574 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 :

71087026293. 1

71087026294. 2

71087026295. 3

71087026296. 4

Question Number : 35 Question Id : 7108706575 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 :

71087026297. 1

71087026298. 2

71087026299. 3

71087026300. 4

Question Number : 36 Question Id : 7108706576 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 :

71087026301. 1
71087026302. 2
71087026303. 3
71087026304. 4

Question Number : 37 Question Id : 7108706577 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 :

71087026305. 1
71087026306. 2
71087026307. 3
71087026308. 4

Question Number : 38 Question Id : 7108706578 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 :

71087026309. 1
71087026310. 2
71087026311. 3
71087026312. 4

Question Number : 39 Question Id : 7108706579 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 :

71087026313. 1
71087026314. 2
71087026315. 3
71087026316. 4

Question Number : 40 Question Id : 7108706580 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 :

71087026317. 1
71087026318. 2
71087026319. 3
71087026320. 4

Question Number : 41 Question Id : 7108706581 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 :

71087026321. 1
71087026322. 2
71087026323. 3
71087026324. 4

Question Number : 42 Question Id : 7108706582 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 :

71087026325. 1
71087026326. 2
71087026327. 3
71087026328. 4

Question Number : 43 Question Id : 7108706583 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 :

71087026329. 1
71087026330. 2
71087026331. 3
71087026332. 4

Question Number : 44 Question Id : 7108706584 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 :

71087026333. 1

71087026334. 2

71087026335. 3

71087026336. 4

Question Number : 45 Question Id : 7108706585 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 :

71087026337. 1

71087026338. 2

71087026339. 3

71087026340. 4

Question Number : 46 Question Id : 7108706586 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 :

71087026341. 1
71087026342. 2
71087026343. 3
71087026344. 4

Question Number : 47 Question Id : 7108706587 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 :

71087026345. 1
71087026346. 2
71087026347. 3
71087026348. 4

Question Number : 48 Question Id : 7108706588 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 grinding in fish are called

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

Options :

71087026349. 1
71087026350. 2
71087026351. 3
71087026352. 4

Question Number : 49 Question Id : 7108706589 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 :

71087026353. 1
71087026354. 2
71087026355. 3
71087026356. 4

Question Number : 50 Question Id : 7108706590 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 :

71087026357. 1
71087026358. 2
71087026359. 3
71087026360. 4

Question Number : 51 Question Id : 7108706591 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 :

71087026361. 1
71087026362. 2
71087026363. 3
71087026364. 4

Question Number : 52 Question Id : 7108706592 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 :

71087026365. 1
71087026366. 2
71087026367. 3
71087026368. 4

Question Number : 53 Question Id : 7108706593 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 :

71087026369. 1
71087026370. 2
71087026371. 3
71087026372. 4

Question Number : 54 Question Id : 7108706594 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 :

71087026373. 1
71087026374. 2
71087026375. 3
71087026376. 4

Question Number : 55 Question Id : 7108706595 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 :

71087026377. 1
71087026378. 2
71087026379. 3
71087026380. 4

Question Number : 56 Question Id : 7108706596 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 condition of Honeycombing is common in

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

Options :

71087026381. 1
71087026382. 2
71087026383. 3
71087026384. 4

Question Number : 57 Question Id : 7108706597 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 :

71087026385. 1
71087026386. 2
71087026387. 3
71087026388. 4

Question Number : 58 Question Id : 7108706598 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 :

71087026389. 1
71087026390. 2
71087026391. 3
71087026392. 4

Question Number : 59 Question Id : 7108706599 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 :

71087026393. 1
71087026394. 2
71087026395. 3
71087026396. 4

Question Number : 60 Question Id : 7108706600 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 :

71087026397. 1

71087026398. 2

71087026399. 3

71087026400. 4

Question Number : 61 Question Id : 7108706601 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 :

71087026401. 1

71087026402. 2

71087026403. 3

71087026404. 4

Question Number : 62 Question Id : 7108706602 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 :

71087026405. 1

71087026406. 2

71087026407. 3

71087026408. 4

Question Number : 63 Question Id : 7108706603 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 :

71087026409. 1

71087026410. 2

71087026411. 3

71087026412. 4

Question Number : 64 Question Id : 7108706604 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 :

- 71087026413. 1
- 71087026414. 2
- 71087026415. 3
- 71087026416. 4

Question Number : 65 Question Id : 7108706605 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 :

- 71087026417. 1
- 71087026418. 2
- 71087026419. 3
- 71087026420. 4

Question Number : 66 Question Id : 7108706606 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 referred to as

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

Options :

71087026421. 1
71087026422. 2
71087026423. 3
71087026424. 4

Question Number : 67 Question Id : 7108706607 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 :

71087026425. 1
71087026426. 2
71087026427. 3
71087026428. 4

Question Number : 68 Question Id : 7108706608 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 :

71087026429. 1
71087026430. 2
71087026431. 3
71087026432. 4

Question Number : 69 Question Id : 7108706609 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 :

71087026433. 1
71087026434. 2
71087026435. 3
71087026436. 4

Question Number : 70 Question Id : 7108706610 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 :

71087026437. 1

71087026438. 2

71087026439. 3

71087026440. 4

Part C Aquatic Environment Management

Section Id :	710870165
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 :	710870165
Question Shuffling Allowed :	Yes

Question Number : 71 Question Id : 7108706611 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

Ecopath is a

1. Time dynamic simulation module for policy exploration
2. Spatial and temporal dynamic module primarily designed for exploring impact and placement of protected areas
3. Static, mass-balanced snapshot of the system
4. Individual based predator-prey ecosystem simulation model

Options :

- 71087026441. 1
- 71087026442. 2
- 71087026443. 3
- 71087026444. 4

Question Number : 72 Question Id : 7108706612 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 large animal in an ecosystem on which other animals depend on for their sustenance is known as

1. Keystone species
2. Foundation species
3. Umbrella species
4. Indicator species

Options :

- 71087026445. 1
- 71087026446. 2
- 71087026447. 3
- 71087026448. 4

Question Number : 73 Question Id : 7108706613 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 deep water currents would be adversely affected by the melting of the ice caps in northern latitudes by global warming, resulting in an increase of freshwater inputs?

1. North Atlantic Deep Water (NADW)
2. Antarctic Bottom Water (ABW)
3. Antarctic Intermediate Water (AIW)
4. Mediterranean Intermediate Water

Options :

71087026449. 1
71087026450. 2
71087026451. 3
71087026452. 4

Question Number : 74 Question Id : 7108706614 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 ability of a population to increase under ideal environmental conditions is called

1. Standing crop
2. Carrying capacity
3. Biotic potential
4. Absolute natality

Options :

71087026453. 1
71087026454. 2
71087026455. 3
71087026456. 4

Question Number : 75 Question Id : 7108706615 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

Major factor responsible for inter-annual fluctuation in Peruvian Anchovy

1. El - Nino
2. Trade winds
3. La – Nino
4. Humboldt current

Options :

71087026457. 1
71087026458. 2
71087026459. 3
71087026460. 4

Question Number : 76 Question Id : 7108706616 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 ratio between energy flow at different points in a food chain is known as

1. Ecological capacity
2. Ecological efficiency
3. Ecological assimilation
4. Ecological potential

Options :

71087026461. 1
71087026462. 2
71087026463. 3
71087026464. 4

Question Number : 77 Question Id : 7108706617 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

Coral development can be restricted by

1. High turbidity
2. Strong wave action
3. Sufficient light
4. Salinity

Options :

71087026465. 1

71087026466. 2

71087026467. 3

71087026468. 4

Question Number : 78 Question Id : 7108706618 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 diversity of habitats over the total geographical area is

1. Species diversity
2. Alpha diversity
3. Beta diversity
4. Gamma diversity

Options :

71087026469. 1

71087026470. 2

71087026471. 3

71087026472. 4

Question Number : 79 Question Id : 7108706619 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

Geostrophic current is caused due to

1. Upwelling
2. Waves parallel to shore line
3. Density differences
4. Long shore current

Options :

71087026473. 1

71087026474. 2

71087026475. 3

71087026476. 4

Question Number : 80 Question Id : 7108706620 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 statement is NOT correct about the artificial reefs

1. Artificial reef helps in augmenting the biodiversity and abundance of fishery resources
2. Management based on artificial reef is species specific and not effective for all aquatic organisms in the ecosystem
3. Artificial reef allows fishery managers to move from a single species framework to ecosystem based fisheries management
4. The studies on artificial reefs are limited to the design, construction and performance of AR

Options :

71087026477. 1

71087026478. 2

71087026479. 3

71087026480. 4

Question Number : 81 Question Id : 7108706621 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

Find out the true statement (s)-

- i. Genotoxic effects are not always associated with mutations
- ii. Mutation occurred in germ cells can cause altered cell growth
- iii. Mutation occurred in somatic cells is heritable

- 1. Only (i)
- 2. (i) and (ii)
- 3. (i) and (iii)
- 4. (i), (ii) and (iii)

Options :

- 71087026481. 1
- 71087026482. 2
- 71087026483. 3
- 71087026484. 4

Question Number : 82 Question Id : 7108706622 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

Production of microbial biomass encompassing algae, bacteria, yeasts and fungi have been considered as the best source of

- 1. Nucleic acid
- 2. Lipid
- 3. Carbohydrate
- 4. Protein

Options :

- 71087026485. 1
- 71087026486. 2
- 71087026487. 3
- 71087026488. 4

Question Number : 83 Question Id : 7108706623 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

Ouch- ouch disease is caused due to the contamination of

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

Options :

71087026489. 1
71087026490. 2
71087026491. 3
71087026492. 4

Question Number : 84 Question Id : 7108706624 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 followings, which statement (s) is/ are wrong –

- i. Mesocosms have better developed community structure
- ii. Microcosms are outdoor enclosure facilities
- iii. Mesocosms are able to control more variables

1. Only (i)
2. Only (ii)
3. (i) and (iii)
4. (i), (ii) and (iii)

Options :

71087026493. 1

71087026494. 2

71087026495. 3

71087026496. 4

Question Number : 85 Question Id : 7108706625 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

Bacterial endotoxin is found in the outer membrane cell wall of

1. Gram negative bacteria
2. Gram positive bacteria
3. Both gram negative and positive bacteria
4. Bacteriophage

Options :

71087026497. 1

71087026498. 2

71087026499. 3

71087026500. 4

Question Number : 86 Question Id : 7108706626 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 following, which one is not a green house gas?

1. CH₄
2. CO₂
3. NO₂
4. N₂O

Options :

71087026501. 1

71087026502. 2

71087026503. 3

71087026504. 4

Question Number : 87 Question Id : 7108706627 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

Toxicity of ammonia can be reduced by

1. Increasing temperature
2. Increasing pH
3. Increasing free CO₂ concentration
4. Decreasing O₂

Options :

71087026505. 1

71087026506. 2

71087026507. 3

71087026508. 4

Question Number : 88 Question Id : 7108706628 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

Find out the correct match –

A. Minimata disease	i. Blue green algae
B. Wilson's disease	ii. Copper poisoning
C. <i>Anabaena</i>	iii. Symbiotic N- fixer
D. <i>Clostridium</i>	iv. Mercury poisoning

1. A-i, B-iii, C-ii, D-iv
2. A-ii, B-iii, C-iv, D-i
3. A-iv, B-ii, C-i, D-iii
4. A i, B-ii, C-iii, D-iv

Options :

71087026509. 1
71087026510. 2
71087026511. 3
71087026512. 4

Question Number : 89 Question Id : 7108706629 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

Star fishes have

1. Fins
2. Flat feet
3. Tube feet
4. Byssus thread

Options :

- 71087026513. 1
- 71087026514. 2
- 71087026515. 3
- 71087026516. 4

Question Number : 90 Question Id : 7108706630 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

Wheel-Animalclues belong to

1. Insect
2. Porifera
3. Rotifera
4. Trematodes

Options :

- 71087026517. 1
- 71087026518. 2
- 71087026519. 3
- 71087026520. 4

Question Number : 91 Question Id : 7108706631 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 is the living fossil among the following

1. Latimeria chalumnae
2. Chimaera monstrosa
3. Chirocentrus dorab
4. Carasius auratus

Options :

71087026521. 1
71087026522. 2
71087026523. 3
71087026524. 4

Question Number : 92 Question Id : 7108706632 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: one is labelled as Assertion A and the other is labelled as Reason R

Assertion A: Niche refers to functional status of an organism in its community.

Reason R: Niche is the 'profession' of an organism in the community.

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

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

Options :

71087026525. 1

71087026526. 2

71087026527. 3

71087026528. 4

Question Number : 93 Question Id : 7108706633 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

Identify the factors responsible for determining soil colour

- A. Organic matter
- B. Moisture content
- C. Nature and abundance of iron
- D. Mineral matter derived from the constituents of the parent material

Select the correct answer from the following options

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

Options :

71087026529. 1

71087026530. 2

71087026531. 3

71087026532. 4

Question Number : 94 Question Id : 7108706634 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

Indicate exact terminologies of following that occur in temperate region

- A. Epilimnia
- B. Metalimnia
- C. Hypolimnia
- D. Themocline

Select the correct answer from the following options

- 1. Upper layer-Middle layer-Lower layer-Deep layer
- 2. Upper lake-Middle lake-Lower lake-Thermal Stratification
- 3. Upper zone-Middle zone-Lower zone-Bottom zone
- 4. Upper surface-Middle surface-Sub surface-Lower surface

Options :

- 71087026533. 1
- 71087026534. 2
- 71087026535. 3
- 71087026536. 4

Question Number : 95 Question Id : 7108706635 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

Deepest trench in Indian ocean

- 1. Mariana
- 2. Cathrina
- 3. Andaman
- 4. Java

Options :

- 71087026537. 1
- 71087026538. 2
- 71087026539. 3
- 71087026540. 4

Question Number : 96 Question Id : 7108706636 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

Specific Decomposers which have action on the faecal matter of other organisms are known as

- 1. Coprophagic
- 2. Allophagic
- 3. Heterophagic
- 4. Paraphagic

Options :

- 71087026541. 1
- 71087026542. 2
- 71087026543. 3
- 71087026544. 4

Question Number : 97 Question Id : 7108706637 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 food chain the ratio of energy flow at different points is known as

1. Ecological Assimilation
2. Ecological Potential
3. Ecological Capacity
4. Ecological Efficiency

Options :

- 71087026545. 1
- 71087026546. 2
- 71087026547. 3
- 71087026548. 4

Question Number : 98 Question Id : 7108706638 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 growth inhibition of one species by another species through production of toxin is termed as

1. Sympatric
2. Heteropathy
3. Allelopathy
4. Allelochemistry

Options :

- 71087026549. 1
- 71087026550. 2
- 71087026551. 3
- 71087026552. 4

Question Number : 99 Question Id : 7108706639 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 Shelford's Law of Tolerance the organisms with wide environmental tolerance limit indicates

1. Wide distribution with low population size
2. Wide distribution with high population size
3. Narrow distribution with high population size
4. Narrow distribution with low population size

Options :

- 71087026553. 1
- 71087026554. 2
- 71087026555. 3
- 71087026556. 4

Question Number : 100 Question Id : 7108706640 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

Select the liquid form of the aerosol from the following

1. Mist
2. Fog
3. Fume
4. Smoke

Options :

- 71087026557. 1
- 71087026558. 2

71087026559. 3

71087026560. 4

Question Number : 101 Question Id : 7108706641 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 carboxy haemoglobin production which of the following is involved

1. CO
2. CO₂
3. NO₂
4. NO₃

Options :

71087026561. 1

71087026562. 2

71087026563. 3

71087026564. 4

Question Number : 102 Question Id : 7108706642 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 process of Photovoltaic energy sunlight is converted into

1. Geo thermal Energy
2. Electrical Energy
3. Biogas
4. Chemical Energy

Options :

- 71087026565. 1
- 71087026566. 2
- 71087026567. 3
- 71087026568. 4

Question Number : 103 Question Id : 7108706643 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 first major Environmental Protection Act promulgated in India was

- 1. Environmental Act
- 2. Air Act
- 3. Water Act
- 4. Noise pollution rule

Options :

- 71087026569. 1
- 71087026570. 2
- 71087026571. 3
- 71087026572. 4

Question Number : 104 Question Id : 7108706644 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 provision for Environmental Protection in the Constitution was made in the year

- 1. 1956
- 2. 1989
- 3. 1968
- 4. 1976

Options :

- 71087026573. 1
- 71087026574. 2
- 71087026575. 3
- 71087026576. 4

Question Number : 105 Question Id : 7108706645 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

Select the correct statement/s

- 1. Pyramid of energy can be inverted
 - 2. Pyramid of number can never be inverted
 - 3. Pyramid of biomass may be inverted or upright
 - 4. Pyramid of number in a parasitic food chain will be inverted
-
- 1. All the statements are correct
 - 2. All except statement 2 are correct
 - 3. Only statements 2 & 3 are correct
 - 4. Only the statement 1 is correct

Options :

- 71087026577. 1
- 71087026578. 2
- 71087026579. 3
- 71087026580. 4

Question Number : 106 Question Id : 7108706646 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

Water when freeze may break the rocks by the force of

1. Solidification
2. Reduction
3. Condensation
4. Expansion

Options :

71087026581. 1
71087026582. 2
71087026583. 3
71087026584. 4

Question Number : 107 Question Id : 7108706647 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 is formed by Humus and smallest particle of rock?

1. Horizon A
2. Horizon B
3. Horizon C
4. Bedrock

Options :

71087026585. 1
71087026586. 2
71087026587. 3
71087026588. 4

Question Number : 108 Question Id : 7108706648 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 Nitrogen cycle the Microorganism which convert the nitrite to nitrate are

1. Nitrosomonas
2. Nitrobacter
3. Pseudomonas
4. Bacillus

Options :

71087026589. 1
71087026590. 2
71087026591. 3
71087026592. 4

Question Number : 109 Question Id : 7108706649 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 global hydrologic cycle supports a net flow of atmospheric water vapour from

1. Land to oceans
2. Oceans to land
3. Polar to tropical regions
4. Tropical to polar regions

Options :

71087026593. 1
71087026594. 2
71087026595. 3
71087026596. 4

Question Number : 110 Question Id : 7108706650 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 is the correct pair?

- A. Nitrifying bacteria : Nitrosomonas
- B. Denitrifying bacteria : Nitrobacter
- C. Free nitrogen fixing bacteria : Cyanobacteria
- D. Ammonification : Rhizobia

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

Options :

- 71087026597. 1
- 71087026598. 2
- 71087026599. 3
- 71087026600. 4

Question Number : 111 Question Id : 7108706651 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 phosphorus cycle phosphorus become available by weathering of rock first to

- 1. Consumers
- 2. Decomposer
- 3. Producers
- 4. Scavengers

Options :

- 71087026601. 1
- 71087026602. 2
- 71087026603. 3

71087026604. 4

Question Number : 112 Question Id : 7108706652 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

Atoms with same number of neutrons but different number nucleons are called

1. Isobars
2. Isotopes
3. Isotones
4. Isoters

Options :

71087026605. 1
71087026606. 2
71087026607. 3
71087026608. 4

Question Number : 113 Question Id : 7108706653 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

Ion-exchange chromatography is based on

1. Adsorption Chromatography
2. Electrical mobility of ionic species
3. Electro-static attraction
4. Partition Chromatography

Options :

71087026609. 1
71087026610. 2
71087026611. 3
71087026612. 4

Question Number : 114 Question Id : 7108706654 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 organic fraction is not soluble in both acid and alkali?

1. Fulvic
2. Humic
3. Humin
4. Halides

Options :

71087026613. 1
71087026614. 2
71087026615. 3
71087026616. 4

Question Number : 115 Question Id : 7108706655 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 fertilizer producing acidity in soil is

1. Calcium nitrate
2. Sodium nitrate
3. Ammonium nitrate
4. Ammonium sulfate

Options :

71087026617. 1
71087026618. 2
71087026619. 3

71087026620. 4

Question Number : 116 Question Id : 7108706656 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 correct statement explaining standing crop and standing state is

1. Total biomass and total inorganic matter respectively in an ecosystem.
 2. Total crop cultivated and total crop harvested respectively
 3. Plant biomass and animal biomass respectively in an ecosystem
 4. Dead matter biomass and decomposer biomass respectively in an ecosystem
-
1. Both statements 1 & 2 are correct
 2. Only statement 1 is correct
 3. All the statements are correct
 4. Only statement 3 is correct

Options :

71087026621. 1
71087026622. 2
71087026623. 3
71087026624. 4

Question Number : 117 Question Id : 7108706657 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

Coral reef development does not occur in waters where the annual mean minimum temperature is

1. $>18^{\circ}\text{C}$
2. $<18^{\circ}\text{C}$
3. $>23^{\circ}\text{C}$
4. $<23^{\circ}\text{C}$

Options :

71087026625. 1
71087026626. 2
71087026627. 3
71087026628. 4

Question Number : 118 Question Id : 7108706658 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 interaction of the electromagnetic radiation produced with a specific wave length to identify the object is called

1. Active remote sensing
2. Passive remote sensing
3. Neutral remote sensing
4. Repetitive observation

Options :

71087026629. 1
71087026630. 2
71087026631. 3
71087026632. 4

Question Number : 119 Question Id : 7108706659 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

Agar-agar is prepared from

1. Red seaweed
2. Green seaweed
3. Brown seaweed
4. Yellow seaweed

Options :

71087026633. 1
71087026634. 2
71087026635. 3
71087026636. 4

Question Number : 120 Question Id : 7108706660 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 marine environment, dissolved organic matter gets converted to particulate organic matter through

1. Bubble bursting
2. Bio degradation
3. Bio turbation
4. Mixing

Options :

71087026637. 1
71087026638. 2

71087026639.3

71087026640.4