

National Testing Agency

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Fish and Fisheries

Group Number :	1
Group Id :	94091846
Group Maximum Duration :	0
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Edit Attended Group? :	No
Break time :	0
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Is this Group for Examiner? :	No

Fish and Fisheries-1

Section Id :	94091874
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory

Number of Questions :	100
Number of Questions to be attempted :	100
Section Marks :	100
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	940918117
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 9409182820 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The gills of fishes are analogous to ____ of Vertebrates

1. Brain
2. Intestine
3. Kidney
4. Lungs

Options :

94091810245. 1

94091810246. 2

94091810247. 3

94091810248. 4

Question Number : 2 Question Id : 9409182821 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The only example of warm-blooded fish is:

1. *Cirrhinus mrigala*
2. *Lampris guttatus*
3. *Oncorhynchus salmo*
4. *Catla catla*

Options :

94091810249. 1

94091810250. 2

94091810251. 3

94091810252. 4

Question Number : 3 Question Id : 9409182822 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which is the most primitive class of fish ?

1. Selachii
2. Agnatha
3. Pisces
4. Elasmobranchi

Options :

94091810253. 1

94091810254. 2

94091810255. 3

94091810256. 4

Question Number : 4 Question Id : 9409182823 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Three dorsal and two anal fins are characteristic of ____ family.

1. Clupeidae
2. Balistidae
3. Pomacanthidae
4. Cod

Options :

94091810257. 1

94091810258. 2

94091810259. 3

94091810260. 4

Question Number : 5 Question Id : 9409182824 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

About ___ living species are present in Teleostomi group of fishes.

1. 2000
2. 200
3. 20994
4. 2099

Options :

94091810261. 1

94091810262. 2

94091810263. 3

94091810264. 4

Question Number : 6 Question Id : 9409182825 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The heart of Teleostomi fishes is two chambered with ____.

1. Sinus venosus
2. Conus arteriosus
3. Both, Sinus venosus and Conus arteriosus
4. None of these

Options :

94091810265. 1

94091810266. 2

94091810267. 3

94091810268. 4

Question Number : 7 Question Id : 9409182826 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Monophagy and Oligophagy are considered as examples of ____.

1. Stenophagy
2. Strenophagy
3. Pheography
4. Autophagy

Options :

94091810269. 1

94091810270. 2

94091810271. 3

94091810272. 4

Question Number : 8 Question Id : 9409182827 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Sestonophagous fishes have ability to feed the smallest suspended particle of ____ μm diameter.

1. 1-10
2. 5-100
3. 5-10
4. 15-100

Options :

94091810273. 1

94091810274. 2

94091810275. 3

94091810276. 4

Question Number : 9 Question Id : 9409182828 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

When a large proportion in the food is represented by bacteria, such group of fishes is known as ____ fish.

1. Microphytophagous
2. Ichthyophagus
3. Bentophagous
4. Bacteriophagous

Options :

94091810277. 1

94091810278. 2

94091810279. 3

94091810280. 4

Question Number : 10 Question Id : 9409182829 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

____ is represented by a single species of Pike, Perch or fish of the genus *Oreoleuciscus*.

1. Ichthyofauna
2. Ichthyoflora
3. Ichthis
4. All of these

Options :

94091810281. 1

94091810282. 2

94091810283. 3

94091810284. 4

Question Number : 11 Question Id : 9409182830 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The fishes that live near the surface of water are:

1. Pelagic
2. Bathypelagic
3. Abyssal
4. Demersal

Options :

94091810285. 1

94091810286. 2

94091810287. 3

94091810288. 4

Question Number : 12 Question Id : 9409182831 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Killifish reproduces in which manner?

1. Egg buriers
2. Mouth buriers
3. Nest buriers
4. All of these

Options :

94091810289. 1

94091810290. 2

94091810291. 3

94091810292. 4

Question Number : 13 Question Id : 9409182832 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following condition suggests development either within the uterus (as in several species of Shark) or within the ovary (as in Teleosts)?

1. Ovoviviparity
2. Oviparity
3. Viviparity
4. None of these

Options :

94091810293. 1

94091810294. 2

94091810295. 3

94091810296. 4

Question Number : 14 Question Id : 9409182833 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Pelvic fins of some ____ are used as sucking appendages.

1. Hawkfishes
2. Clingfishes
3. Lionfishes
4. Angelfishes

Options :

94091810297. 1

94091810298. 2

94091810299. 3

94091810300. 4

Question Number : 15 Question Id : 9409182834 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The fishes of ____ family use their dorsal fin to lure the prey.

1. Gobiesocidae
2. Exocoetidae
3. Echeneidae
4. Cichlidae

Options :

94091810301. 1

94091810302. 2

94091810303. 3

94091810304. 4

Question Number : 16 Question Id : 9409182835 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

In some Teleost fishes, the ____ fin forms an intromittent organ.

1. Pectoral
2. Adipose
3. Caudal
4. Anal

Options :

94091810305. 1

94091810306. 2

94091810307. 3

94091810308. 4

Question Number : 17 Question Id : 9409182836 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which is also known as "The Shark- tail type of caudal fin" ?

1. Protocercal caudal fin
2. Homocercal caudal fin
3. Heterocercal caudal fin
4. None of these

Options :

94091810309. 1

94091810310. 2

94091810311. 3

94091810312. 4

Question Number : 18 Question Id : 9409182837 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Flying fish use their ____ fins for gliding water.

1. Dorsal
2. Pectoral
3. Pelvic
4. Caudal

Options :

94091810313. 1

94091810314. 2

94091810315. 3

94091810316. 4

Question Number : 19 Question Id : 9409182838 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Box fishes undertake ____ type of locomotion.

1. Carangiform
2. Ostraciform
3. Anguilliform
4. All of these

Options :

94091810317. 1

94091810318. 2

94091810319. 3

94091810320. 4

Question Number : 20 Question Id : 9409182839 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Tetrapod like walking is characteristic of:

1. Eel
2. Anabas
3. Lophius
4. Protopterus

Options :

94091810321. 1

94091810322. 2

94091810323. 3

94091810324. 4

Question Number : 21 Question Id : 9409182840 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Finlets help fish in:

1. Stabilization
2. Stopping
3. Fast Swimming
4. Turning

Options :

94091810325. 1

94091810326. 2

94091810327. 3

94091810328. 4

Question Number : 22 Question Id : 9409182841 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Grouper fish has ____ type of caudal fin.

1. Truncate
2. Lunate
3. Forked
4. Emerginiate

Options :

94091810329. 1

94091810330. 2

94091810331. 3

94091810332. 4

Question Number : 23 Question Id : 9409182842 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

___ can withstand significant water velocities.

1. Garfish
2. Flatfish
3. Sailfish
4. All of these

Options :

94091810333. 1

94091810334. 2

94091810335. 3

94091810336. 4

Question Number : 24 Question Id : 9409182843 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Fishes inhabiting complex ___ environments tend to have elongated bodies tapering backwards.

1. Pelagic
2. Demersal
3. Benthic
4. Bathypelagic

Options :

94091810337. 1

94091810338. 2

94091810339. 3

94091810340. 4

Question Number : 25 Question Id : 9409182844 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Ctenii, the comb like projections are found in fishes of ____ group.

1. Istiophoridae
2. Xiphiidae
3. Scombridae
4. Polyodontidae

Options :

94091810341. 1

94091810342. 2

94091810343. 3

94091810344. 4

Question Number : 26 Question Id : 9409182845 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

It passively controls flow by limiting the lateral transfer of force and training the vortices in the direction of flow.

1. Finlets
2. Tubercles
3. Riblets
4. None of these

Options :

94091810345. 1

94091810346. 2

94091810347. 3

94091810348. 4

Question Number : 27 Question Id : 9409182846 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

These scales are derived due to activity of dermis and epidermis.

1. Cycloid
2. Ctenoid
3. Placoid
4. Non - placoid

Options :

94091810349. 1

94091810350. 2

94091810351. 3

94091810352. 4

Question Number : 28 Question Id : 9409182847 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The innermost layer of rhomboid scales is made up of:

1. Cosmine
2. Ganoin
3. Vitrodentine
4. Isopedine

Options :

94091810353. 1

94091810354. 2

94091810355. 3

94091810356. 4

Question Number : 29 Question Id : 9409182848 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

In ___ fish, the scales are found only at throat, pectoral and tail region.

1. Polyodon
2. Acipenser
3. Pristis
4. Stingray

Options :

94091810357. 1

94091810358. 2

94091810359. 3

94091810360. 4

Question Number : 30 Question Id : 9409182849 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The iridescent material from ___ scales is used in making American pearls.

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

Options :

94091810361. 1

94091810362. 2

94091810363. 3

94091810364. 4

Question Number : 31 Question Id : 9409182850 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

In ___ species, spawning marks seen on scales indicate how many times a fish has spawned.

1. Trout.
2. Bass
3. Salmo
4. Labeo

Options :

94091810365. 1

94091810366. 2

94091810367. 3

94091810368. 4

Question Number : 32 Question Id : 9409182851 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Electric eel fish respire through ___ and may breathe air.

1. Labyrinth
2. Electrical impulse
3. Buccal cavity
4. Tail

Options :

94091810369. 1

94091810370. 2

94091810371. 3

94091810372. 4

Question Number : 33 Question Id : 9409182852 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Where is spiracle present in gill slit?

1. At the back of last gill
2. At the back of first gill
3. In the middle
4. Nowhere

Options :

94091810373. 1

94091810374. 2

94091810375. 3

94091810376. 4

Question Number : 34 Question Id : 9409182853 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The bony fish have ___ pairs of arches, cartilaginous fish have ___ pairs, while the primitive jawless fish have ___ pairs.

1. 3; 5; 3
2. 7; 3-5; 7
3. 3; 5-7; 3
4. 3; 5-7; 7

Options :

94091810377. 1

94091810378. 2

94091810379. 3

94091810380. 4

Question Number : 35 Question Id : 9409182854 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Capillary blood flows in ___ direction to the water, causing counter-current exchange.

1. Other
2. Antiparallel
3. Opposite
4. All of these

Options :

94091810381. 1

94091810382. 2

94091810383. 3

94091810384. 4

Question Number : 36 Question Id : 9409182855 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The Dogfish *Squalus acanthias* has ___% diacylglyceryl ethers in liver oil.

1. 35-48
2. 38-45
3. 83-54
4. 53-84

Options :

94091810385. 1

94091810386. 2

94091810387. 3

94091810388. 4

Question Number : 37 Question Id : 9409182856 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

___, a mid-water gonostomatid fish has a fat invested swim bladder with 52% lipid.

1. *Triphoturus mexicanus*
2. *Lampanyctus ritteri*
3. *Cyclothone atraria*
4. *Stenobrachius leucopsarus*

Options :

94091810389. 1

94091810390. 2

94091810391. 3

94091810392. 4

Question Number : 38 Question Id : 9409182857 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The formation of ___ in some fishes is a special development for the absorption of gas in swim bladder.

1. Oval
2. Red body
3. Rete mirabile
4. Both, Oval & Red body

Options :

94091810393. 1

94091810394. 2

94091810395. 3

94091810396. 4

Question Number : 39 Question Id : 9409182858 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The freshwater stingrays of South America have abandoned retention of:

1. Salts
2. Urea
3. Water
4. Ions

Options :

94091810397. 1

94091810398. 2

94091810399. 3

94091810400. 4

Question Number : 40 Question Id : 9409182859 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Urea is an end product of ____ metabolism.

1. Nitrogen
2. Carbon
3. Phosphorous
4. None of these

Options :

94091810401. 1

94091810402. 2

94091810403. 3

94091810404. 4

Question Number : 41 Question Id : 9409182860 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Bony fishes generally have a plasma osmolarity only about ____ of seawater.

1. One-Half
2. One-Fifth
3. One-Fourth
4. One-Third

Options :

94091810405. 1

94091810406. 2

94091810407. 3

94091810408. 4

Question Number : 42 Question Id : 9409182861 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

It is the total number of advanced yolked oocytes developed per breeding season.

1. Realized fecundity
2. Batch fecundity
3. Variable fecundity
4. Potential fecundity

Options :

94091810409. 1

94091810410. 2

94091810411. 3

94091810412. 4

Question Number : 43 Question Id : 9409182862 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The Electric eel unleashes a volley of ____ within ____ fraction of time.

1. ~400 per second; 20–40 ms
2. ~300 per second; 20–30 ms
3. ~200 per second; 10–20 ms
4. ~100 per second; 5–10 ms

Options :

94091810413. 1

94091810414. 2

94091810415. 3

94091810416. 4

Question Number : 44 Question Id : 9409182863 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

In Ray fish, the electric organs are derived from:

1. Nervous tissue
2. Nervous tissue
3. Eye muscles
4. Tail muscles

Options :

94091810417. 1

94091810418. 2

94091810419. 3

94091810420. 4

Question Number : 45 Question Id : 9409182864 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

To which classes does the following fish belong?

A. Petromyzon; B. Scoliodon; C. Pristis

1. A. Osteichthyes;
B. Chondrichthyes;
C. Chondrichthyes
2. A. Osteichthyes;
B. Chondrichthyes;
C. Osteichthyes
3. A. Cyclostomata;
B. Chondrichthyes;
C. Chondrichthyes
4. A. Osteichthyes;
B. Chondrichthyes;
C. Cyclostomata

Options :

94091810421. 1

94091810422. 2

94091810423. 3

94091810424. 4

Question Number : 46 Question Id : 9409182865 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The bioluminescence trait has evolved ____ times in ray-finned fishes.

1. 23
2. 25
3. 27
4. 29

Options :

94091810425. 1

94091810426. 2

94091810427. 3

94091810428. 4

Question Number : 47 Question Id : 9409182866 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The photoprotein in crystal jellies is called:

1. Aequorin
2. Red fluorescent protein
3. Alpha protein
4. Green fluorescent protein

Options :

94091810429. 1

94091810430. 2

94091810431. 3

94091810432. 4

Question Number : 48 Question Id : 9409182867 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

A small, inverted cup that provides sense of spatial orientation on the exposed surface of the hair cell is:

1. Macula
2. Cupula
3. Ampulla
4. None of these

Options :

94091810433. 1

94091810434. 2

94091810435. 3

94091810436. 4

Question Number : 49 Question Id : 9409182868 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The Otolith organs are comprised of calcium carbonate called ____ and protein called ____.

1. Aragonite; Tropomyosin
2. Aragonite; Actinin
3. Aragonite; Myosin
4. Aragonite; Otolin

Options :

94091810437. 1

94091810438. 2

94091810439. 3

94091810440. 4

Question Number : 50 Question Id : 9409182869 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

____ fishes have a swim bladder duct through which rapid gas exchange occurs with the atmosphere.

1. Physoclistous
2. Physostomous
3. Both of these
4. None of these

Options :

94091810441. 1

94091810442. 2

94091810443. 3

94091810444. 4

Question Number : 51 Question Id : 9409182870 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Potamodromous migration is observed in:

1. Carps and Trouts
2. Tunas and Herrings
3. Indian eel and African eel
4. Eel and Sardinella

Options :

94091810445. 1

94091810446. 2

94091810447. 3

94091810448. 4

Question Number : 52 Question Id : 9409182871 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Mermaid's purses are characteristic of:

1. Catfishes
2. Eelfishes
3. Knifefishes
4. Rayfishes

Options :

94091810449. 1

94091810450. 2

94091810451. 3

94091810452. 4

Question Number : 53 Question Id : 9409182872 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

It is the longest perennial river of South India.

1. Krishna
2. Saraswati
3. Cauvery
4. Mahanadi

Options :

94091810453. 1

94091810454. 2

94091810455. 3

94091810456. 4

Question Number : 54 Question Id : 9409182873 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The East coast river system constitutes a total length of:

1. 1280 kms
2. 6437 kms
3. 4800 kms
4. 1550 kms

Options :

94091810457. 1

94091810458. 2

94091810459. 3

94091810460. 4

Question Number : 55 Question Id : 9409182874 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

River Son is principal tributary of ____.

1. Brahmaputra
2. Indus
3. Ganga
4. Narmada

Options :

94091810461. 1

94091810462. 2

94091810463. 3

94091810464. 4

Question Number : 56 Question Id : 9409182875 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Fish production in India has increased more than ____ since its independence.

1. Tenfold
2. Fivefold
3. Twelvefold
4. Sevenfold

Options :

94091810465. 1

94091810466. 2

94091810467. 3

94091810468. 4

Question Number : 57 Question Id : 9409182876 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

CIFNET is serving the nation by producing trained manpower needed for manning ____.

1. Crustaceans
2. Squids
3. Fishes
4. Fishing vessels

Options :

94091810469. 1

94091810470. 2

94091810471. 3

94091810472. 4

Question Number : 58 Question Id : 9409182877 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Demersal fish fillets contain ____% oil whereas pelagic fish can contain upto ____%.

1. 1-2; 10
2. 1- 4; 30
3. 1- 6; 50
4. 1- 8; 70

Options :

94091810473. 1

94091810474. 2

94091810475. 3

94091810476. 4

Question Number : 59 Question Id : 9409182878 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Indian coastline can be delineated into ____ zones based on ecosystem structure and functions.

1. 22
2. 23
3. 24
4. 25

Options :

94091810477. 1

94091810478. 2

94091810479. 3

94091810480. 4

Question Number : 60 Question Id : 9409182879 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Elevated levels of sediment and turbidity (a measure of the lack of clarity of water) can reduce the ____ of aquatic systems.

1. Growth
2. Number
3. Biological productivity
4. All of these

Options :

94091810481. 1

94091810482. 2

94091810483. 3

94091810484. 4

Question Number : 61 Question Id : 9409182880 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What determines the acidity or basicity of water?

1. pH
2. Hydrogen ions (H^+)
3. $1/[OH]^-$
4. All of these

Options :

94091810485. 1

94091810486. 2

94091810487. 3

94091810488. 4

Question Number : 62 Question Id : 9409182881 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What does phytoplankton consume so that it drives pH above 10?

1. O_2
2. CO_2
3. Algae
4. All of these

Options :

94091810489. 1

94091810490. 2

94091810491. 3

94091810492. 4

Question Number : 63 Question Id : 9409182882 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Fishing by hunting is:

1. Traditional method
2. Illegal method
3. Conventional method
4. Unconventional method

Options :

94091810493. 1

94091810494. 2

94091810495. 3

94091810496. 4

Question Number : 64 Question Id : 9409182883 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following is exclusively designed to catch *Hilsa ilisha*?

1. Gill net
2. Purse net
3. Fixed bag net
4. Drag net

Options :

94091810497. 1

94091810498. 2

94091810499. 3

94091810500. 4

Question Number : 65 Question Id : 9409182884 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

It is a conical basket type of handy net made of 6 bamboo rods.

1. Trawl
2. Dip net
3. Gill net
4. Movable trap

Options :

94091810501. 1

94091810502. 2

94091810503. 3

94091810504. 4

Question Number : 66 Question Id : 9409182885 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following threat category is true for a wild species facing great risk of extinction in near future?

1. EX
2. CR
3. NT
4. VU

Options :

94091810505. 1

94091810506. 2

94091810507. 3

94091810508. 4

Question Number : 67 Question Id : 9409182886 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

As per data by IUCN, ___ species are threatened and ___ near threatened.

1. 45; 45
2. 45; 50
3. 50; 45
4. 50; 50

Options :

94091810509. 1

94091810510. 2

94091810511. 3

94091810512. 4

Question Number : 68 Question Id : 9409182887 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Every object reflects a portion of electromagnetic radiation incident on it depending upon its ____.

1. Light intensity
2. Electric impedance
3. Physical property
4. None of these

Options :

94091810513. 1

94091810514. 2

94091810515. 3

94091810516. 4

Question Number : 69 Question Id : 9409182888 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following is an example of remote sensing of an object?

1. Visual perception
2. Torch
3. Wave
4. Oscillation

Options :

94091810517. 1

94091810518. 2

94091810519. 3

94091810520. 4

Question Number : 70 Question Id : 9409182889 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Frequent revision of digitized GIS data is ____.

1. Possible
2. Impossible
3. Uncertain
4. Unpredictable

Options :

94091810521. 1

94091810522. 2

94091810523. 3

94091810524. 4

Question Number : 71 Question Id : 9409182890 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following is not a component of GPS?

1. Satellite
2. Control station
3. Receiver
4. Data

Options :

94091810525. 1

94091810526. 2

94091810527. 3

94091810528. 4

Question Number : 72 Question Id : 9409182891 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Aqua farming is ____.

1. Farming of fish
2. Raising of aquatic plants
3. Sum total of maintaining all aquatic biota
4. All of these

Options :

94091810529. 1

94091810530. 2

94091810531. 3

94091810532. 4

Question Number : 73 Question Id : 9409182892 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

In which year was "The British Era Fisheries Act" formulated?

1. 1897
2. 1972
3. 1974
4. 1976

Options :

94091810533. 1

94091810534. 2

94091810535. 3

94091810536. 4

Question Number : 74 Question Id : 9409182893 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

National Fisheries Development Board focuses on ____.

1. Deep Sea Fishing
2. Coastal aquaculture
3. Aquaculture in tanks
4. All of these

Options :

94091810537. 1

94091810538. 2

94091810539. 3

94091810540. 4

Question Number : 75 Question Id : 9409182894 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

In sub-section (1), the word "water" includes ____ marine league.

1. 1
2. 10
3. 100
4. 1000

Options :

94091810541. 1

94091810542. 2

94091810543. 3

94091810544. 4

Question Number : 76 Question Id : 9409182895 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

FAO was proposed in the year ____.

1. 1961
2. 1971
3. 1981
4. 1991

Options :

94091810545. 1

94091810546. 2

94091810547. 3

94091810548. 4

Question Number : 77 Question Id : 9409182896 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Low stocking density should be aimed at the production of ___ tones/ha in two crops.

1. 3- 4
2. 2- 4
3. 1- 4
4. 4- 5

Options :

94091810549. 1

94091810550. 2

94091810551. 3

94091810552. 4

Question Number : 78 Question Id : 9409182897 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

For induced breeding, which part is injected in fish?

1. Adrenaline
2. Sex hormones
3. Thyroxine
4. Pituitary gland

Options :

94091810553. 1

94091810554. 2

94091810555. 3

94091810556. 4

Question Number : 79 Question Id : 9409182898 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The process of obtaining fish through fish farming is known as:

1. Capture fishery
2. Culture fishery
3. Aquaculture
4. All of these

Options :

94091810557. 1

94091810558. 2

94091810559. 3

94091810560. 4

Question Number : 80 Question Id : 9409182899 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The ___ hatchery system is meant for incubating very high density of eggs i.e., 7,00,000– 12,00,000 eggs per cubic meter.

1. Traditional
2. Vertical
3. Modern Indian
4. Chinese

Options :

94091810561. 1

94091810562. 2

94091810563. 3

94091810564. 4

Question Number : 81 Question Id : 9409182900 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The modern Carp Hatchery CIFE D-80 Model is named after:

1. Its Inventor
2. Its Capacity
3. Its Components
4. All of these

Options :

94091810565. 1

94091810566. 2

94091810567. 3

94091810568. 4

Question Number : 82 Question Id : 9409182901 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which material is used to make floating Hapa?

1. Polyethylene
2. Polyethylene and Aluminium
3. Aluminium
4. None of these

Options :

94091810569. 1

94091810570. 2

94091810571. 3

94091810572. 4

Question Number : 83 Question Id : 9409182902 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What should be the dimensions of special Nursery tanks?

1. 10-40 m long and 5-7 m wide
2. 10-20 m long and 5-6 m wide
3. 20-40 m long and 5-6 m wide
4. Any of these

Options :

94091810573. 1

94091810574. 2

94091810575. 3

94091810576. 4

Question Number : 84 Question Id : 9409182903 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

What is the size of large Hapas?

1. 2 x 1 x 1 m
2. 3.5 x 1.5 x 1.0 m
3. 10 x 10 x 10 m
4. No limits

Options :

94091810577. 1

94091810578. 2

94091810579. 3

94091810580. 4

Question Number : 85 Question Id : 9409182904 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Who pioneered in keeping fish in ponds?

1. Egyptians
2. Sumerians
3. Assarians
4. All of them

Options :

94091810581. 1

94091810582. 2

94091810583. 3

94091810584. 4

Question Number : 86 Question Id : 9409182905 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Which of the following is the fast growing and tall plant in aquarium?

1. Vallisneria
2. Cobomba
3. Sagittaria
4. All of these

Options :

94091810585. 1

94091810586. 2

94091810587. 3

94091810588. 4

Question Number : 87 Question Id : 9409182906 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Marine fish and algae are naturally high in ____.

1. Omega 3 fatty acids
2. Omega 6 fatty acids
3. Eicosapentaenoic acid
4. Docosahexaenoic acid

Options :

94091810589. 1

94091810590. 2

94091810591. 3

94091810592. 4

Question Number : 88 Question Id : 9409182907 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The metabolic rate of fish doubles at every ____.

1. 5 °C
2. 1 °C
3. 10 °C
4. 2 °C

Options :

94091810593. 1

94091810594. 2

94091810595. 3

94091810596. 4

Question Number : 89 Question Id : 9409182908 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Costiasis is an example of ____ disease.

1. Fungal
2. Viral
3. Bacterial
4. Protozoan

Options :

94091810597. 1

94091810598. 2

94091810599. 3

94091810600. 4

Question Number : 90 Question Id : 9409182909 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Hepatoma in rainbow trout is cured by ____.

1. Penicillin
2. Aflatoxin
3. Azithromycin
4. Streptomycin

Options :

94091810601. 1

94091810602. 2

94091810603. 3

94091810604. 4

Question Number : 91 Question Id : 9409182910 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

It is caused by tapeworm.

1. Brachiomycosis
2. Ligulosis
3. Enteritis
4. Costiasis

Options :

94091810605. 1

94091810606. 2

94091810607. 3

94091810608. 4

Question Number : 92 Question Id : 9409182911 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Fishes are cleaned and soaked in ____ solution.

1. Salt
2. Sugar
3. Alcohol
4. Salt & Sugar

Options :

94091810609. 1

94091810610. 2

94091810611. 3

94091810612. 4

Question Number : 93 Question Id : 9409182912 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Excess salting allows growth and multiplication of salt tolerant bacteria causing ___ spoilage of fish flesh.

1. Blue eye
2. Red eye
3. Pink eye
4. Yellow eye

Options :

94091810613. 1

94091810614. 2

94091810615. 3

94091810616. 4

Question Number : 94 Question Id : 9409182913 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The longer the fish is soaked, ___ is removed.

1. Lipolytic Microbes
2. Salt
3. Sugar
4. Protein

Options :

94091810617. 1

94091810618. 2

94091810619. 3

94091810620. 4

Question Number : 95 Question Id : 9409182914 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The main content of skin in shark leather is ____.

1. Lipid
2. Oil
3. Collagen
4. Scales

Options :

94091810621. 1

94091810622. 2

94091810623. 3

94091810624. 4

Question Number : 96 Question Id : 9409182915 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Shark skin has a protective coating of calcareous deposit known as ____.

1. Scales
2. Spine
3. Shagreen
4. All of these

Options :

94091810625. 1

94091810626. 2

94091810627. 3

94091810628. 4

Question Number : 97 Question Id : 9409182916 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Liming is done to remove epidermis layer using ____.

1. Calcium hydroxide
2. Lime
3. Calcium chloride
4. Salt

Options :

94091810629. 1

94091810630. 2

94091810631. 3

94091810632. 4

Question Number : 98 Question Id : 9409182917 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The primary goals for genetic manipulation of fish species used in aquaculture are ____.

1. Intensify the growth and efficiency of food conservation
2. Increase tolerance to environmental variables, such as temperature and salinity
3. Bring out new color variants of ornamental fishes
4. All of these

Options :

94091810633. 1

94091810634. 2

94091810635. 3

94091810636. 4

Question Number : 99 Question Id : 9409182918 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Efficiency of gene transfer is determined by ____.

1. Hatching percentage
2. Percentage of egg
3. DNA replication
4. Option 1 & 2

Options :

94091810637. 1

94091810638. 2

94091810639. 3

94091810640. 4

Question Number : 100 Question Id : 9409182919 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The transposable elements such as ____ has been useful for transgenesis in most fishes.

1. Pol2
2. Tol2
3. V2
4. HERV

Options :

94091810641. 1

94091810642. 2

94091810643. 3

94091810644. 4