

PREVIEW QUESTION BANK

Module Name : FISHERIES SCIENCES-ENG
Exam Date : 14-Jul-2023 Batch : 10:00-12:00

Sr. No.	Client Question ID	Question Body and Alternatives	Marks	Negative Marks												
Objective Question																
1	3201	<p>Match List-I with List-II</p> <table border="1"> <thead> <tr> <th>List-I</th> <th>List-II</th> </tr> <tr> <th>(Reservoir/dam)</th> <th>(River)</th> </tr> </thead> <tbody> <tr> <td>(A). Idukki</td> <td>(I). Beas</td> </tr> <tr> <td>(B). Nagarjuna Sagar</td> <td>(II). Periyar</td> </tr> <tr> <td>(C). Jayakwadi</td> <td>(III). Krishna</td> </tr> <tr> <td>(D). Pong</td> <td>(IV). Godavari</td> </tr> </tbody> </table> <p>Choose the correct answer from the options given below:</p> <ol style="list-style-type: none"> (A) - (I), (B) - (IV), (C) - (III), (D) - (II) (A) - (II), (B) - (III), (C) - (I), (D) - (IV) (A) - (I), (B) - (II), (C) - (IV), (D) - (III) (A) - (II), (B) - (III), (C) - (IV), (D) - (I) <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	List-I	List-II	(Reservoir/dam)	(River)	(A). Idukki	(I). Beas	(B). Nagarjuna Sagar	(II). Periyar	(C). Jayakwadi	(III). Krishna	(D). Pong	(IV). Godavari	4.0	1.00
List-I	List-II															
(Reservoir/dam)	(River)															
(A). Idukki	(I). Beas															
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(C). Jayakwadi	(III). Krishna															
(D). Pong	(IV). Godavari															
Objective Question																
2	3202	<p><i>Piaractus brachyomus</i> is native to</p> <ol style="list-style-type: none"> North America South America China Africa <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00												
Objective Question																
3	3203															

Which category of lobsters forms a major fishery along the Indian coast?

1. Sand lobsters
2. Spiny lobsters
3. Cape lobsters
4. True lobsters

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

4	3204	<p>Arrange the following marine zones according to their distance from the shoreline to the seaward beginning from the nearest to the farthest</p> <p>(A). High sea</p> <p>(B). Contiguous zone</p> <p>(C). Territorial water</p> <p>(D). Exclusive Economic Zone</p> <p>Choose the correct answer from the options given below:</p> <ol style="list-style-type: none"> 1. (A), (C), (B), (D). 2. (C), (A), (B), (D). 3. (C), (B), (D), (A). 4. (D), (C), (B), (A). <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

5	3205	<p>The most dominant gear in Hooghly-Matlah estuary</p> <ol style="list-style-type: none"> 1. Trap 2. Bag net 3. Lampara net 4. Drag net <p>A1 : 1</p> <p>A2 : 2</p>	4.0	1.00
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A3 : 3

A4 : 4


Objective Question

6	3206	<p>Which of the following has the meaning 'harbour wave'?</p> <ol style="list-style-type: none"> 1. Tsunami 2. Hurricane 3. Cyclone 4. Seiche <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

7	3207	<p>The presence of 5 spines in the first dorsal fin and a large mouth with fang-like teeth are the striking taxonomic features of</p> <ol style="list-style-type: none"> 1. Sphyrnidae 2. Sphyraenidae 3. Scombridae 4. Mugilidae <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

8	3208	<p>Identify the species given in the picture</p>  <ol style="list-style-type: none"> 1. Basking shark 2. Blue whale 3. Tiger shark 4. Whale shark <p>A1 : 1</p>	4.0	1.00
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A2 : 2

A3 : 3

A4 : 4

Objective Question

9	3209	4.0	1.00												
<p>Match List-I with List-II</p> <table border="1"> <thead> <tr> <th>List-I</th> <th>List-II</th> </tr> <tr> <th>(Common name)</th> <th>(Group)</th> </tr> </thead> <tbody> <tr> <td>(A). Mantis shrimp</td> <td>(I). Mysid</td> </tr> <tr> <td>(B). Clam shrimp</td> <td>(II). Stomatopod</td> </tr> <tr> <td>(C). Seed shrimp</td> <td>(III). Branchiopod</td> </tr> <tr> <td>(D). Opossum shrimp</td> <td>(IV). Ostracod</td> </tr> </tbody> </table> <p>Choose the correct answer from the options given below:</p> <ol style="list-style-type: none"> (A) - (I), (B) - (III), (C) - (IV), (D) - (II) (A) - (II), (B) - (IV), (C) - (III), (D) - (I) (A) - (II), (B) - (III), (C) - (IV), (D) - (I) (A) - (III), (B) - (IV), (C) - (I), (D) - (II) <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>				List-I	List-II	(Common name)	(Group)	(A). Mantis shrimp	(I). Mysid	(B). Clam shrimp	(II). Stomatopod	(C). Seed shrimp	(III). Branchiopod	(D). Opossum shrimp	(IV). Ostracod
List-I	List-II														
(Common name)	(Group)														
(A). Mantis shrimp	(I). Mysid														
(B). Clam shrimp	(II). Stomatopod														
(C). Seed shrimp	(III). Branchiopod														
(D). Opossum shrimp	(IV). Ostracod														

Objective Question

10	3210	4.0	1.00
<p>What is the vernacular name of the fringed-lipped peninsula carp?</p> <ol style="list-style-type: none"> <i>Labeo kontius</i> <i>Labeo fimbriatus</i> <i>Labeo dyocheilus</i> <i>Labeo dussumieri</i> <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>			

Objective Question

11	3211	4.0	1.00
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Thin-walled, lamellate structures present on the coxal segment of each maxilleped in a typical prawn are called

1. Protopodites
2. Exopodites
3. Endopodites
4. Epipodites

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

12 3212

4.0 1.00

Species given in the picture belongs to which group of molluscs?



1. Gastropod
2. Monoplacophora
3. Polyplacophora
4. Cephalopod

A1 : 1

A2 : 2

A3 : 3

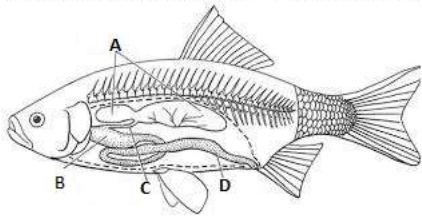
A4 : 4

Objective Question

13 3213

4.0 1.00

Identify the part marked as 'C' in the given picture?



1. Weberian ossicles
2. Pneumatic duct
3. Wolffian duct
4. Pyloric caeca

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

14 3214

4.0 1.00

Which of the following best explains the cleavage type in a typical teleost?

1. Meroblastic, Telolecithal, Discoidal
2. Holoblastic, Telolecithal, Bilateral
3. Meroblastic, Centrolecithal, Discoidal
4. Holoblastic, Centrolecithal, Bilateral

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

15 3215

4.0 1.00

Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).

Assertion (A): Marine elasmobranchs are slightly hyperosmotic to their environment.

Reason (R): Marine elasmobranchs have a considerable amount of urea and trimethylamine in their plasma.

In 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 not correct.
4. (A) is not correct but (R) is correct.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

16	3216	<p>Sensory receptors in lateral line system of fishes are</p> <ol style="list-style-type: none"> 1. Cyanocytes 2. Neuromasts 3. Chloride cells 4. Statocysts <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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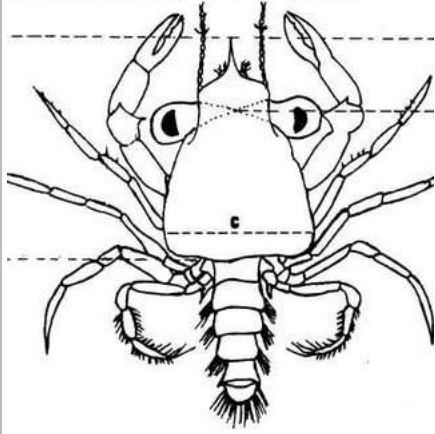
Objective Question

17	3217	<p>In fishes, hypocalcin is secreted by</p> <ol style="list-style-type: none"> 1. Thyroid gland 2. Ultimobranchial bodies 3. Pancreas 4. Corpuscles of Stannius <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

18	3218		4.0	1.00
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Identify the larva given in the picture



1. Zoea
2. Veliger
3. Megalopa
4. Nauplius

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

19	3219	<p>Xanthophores impart which colour in fishes?</p> <ol style="list-style-type: none"> 1. Red 2. Brown 3. Yellow 4. Black <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

20	3220	<p>Radula, in molluscs, is supported by</p> <ol style="list-style-type: none"> 1. HIngle ligament 2. Odontophore 3. Operculum 4. Umbone <p>A1 : 1</p>	4.0	1.00
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A2 : 2

A3 : 3

A4 : 4

Objective Question

21	3221	<p>Which one of the following is NOT an ecological adaptation of a typical coldwater fish?</p> <ol style="list-style-type: none"> 1. Clinging and burrowing 2. Reduced power of locomotion 3. Narrow gill opening 4. Modified lips for feeding on periphyton <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

22	3222	<p>A broad class of computational algorithms that rely on repeated random sampling to obtain numerical results</p> <ol style="list-style-type: none"> 1. Monte Carlo method 2. Buffon's method 3. Cushing method 4. Munro method <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

23	3223	<p>Given below are two statements:</p> <p>Statement (I): Long-living fishes approach asymptotic length slowly.</p> <p>Statement (II): Fishes with high longevity will generally have a high natural mortality rate.</p> <p>In light of the above statements, choose the <i>most appropriate</i> answer from the options given below.</p> <ol style="list-style-type: none"> 1. Both Statement (I) and Statement (II) are true. 2. Both Statement (I) and Statement (II) are false. 3. Statement (I) is true but Statement (II) is false. 4. Statement (I) is false but Statement (II) is true. 	4.0	1.00
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A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

24	3224	4.0	1.00
<p>Which model is one of the age-structured models?</p> <ol style="list-style-type: none"> 1. Relative response model 2. Surplus production model 3. Virgin stock model 4. Yield per recruit model <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>			

Objective Question

25	3225	4.0	1.00
<p>Which of the following relationship gives an asymptotic curve?</p> <ol style="list-style-type: none"> 1. Fishing effort and yield 2. Age and length of fish 3. Fishing effort and CPUE 4. Cushing's fish stock recruitment relationship <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>			

Objective Question

26	3226	4.0	1.00
Content for question 26 is missing			

Given below are two statements:

Statement (I): In the recirculatory aquaculture system, requirement of water is minimal.

Statement (II): In the recirculatory aquaculture system, water pass through biological filters.

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

1. Both Statement (I) and Statement (II) are correct.
2. Both Statement (I) and Statement (II) are incorrect.
3. Statement (I) is correct but Statement (II) is incorrect.
4. Statement (I) is incorrect but Statement (II) is correct.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

27	3227	<p>In the aquaponics system, which of the following fishes are suitable for culture ?</p> <ol style="list-style-type: none"> 1. Silver carp 2. Catla 3. Tilapia 4. Pacu <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

28	3228	<p>Given below are two statements:</p> <p>Statement (I): Gold fish eggs are adhesive.</p> <p>Statement (II): Common carp eggs are adhesive.</p> <p>In light of the above statements, choose the <i>most appropriate</i> answer from the options given below.</p> <ol style="list-style-type: none"> 1. Both Statement (I) and Statement (II) are correct. 2. Both Statement (I) and Statement (II) are incorrect. 3. Statement (I) is correct but Statement (II) is incorrect. 4. Statement (I) is incorrect but Statement (II) is correct. <p>A1 : 1</p> <p>A2 : 2</p>	4.0	1.00
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A3 : 3

A4 : 4

Objective Question

29	3229	<p>Given below are two statements:</p> <p>Statement (I): African catfish is a fast growing one and recommended for culture in India.</p> <p>Statement (II): Pangasius catfish is a suitable species for freshwater aquaculture.</p> <p>In light of the above statements, choose the <i>most appropriate</i> answer from the options given below.</p> <ol style="list-style-type: none"> Both Statement (I) and Statement (II) are correct. Both Statement (I) and Statement (II) are incorrect. Statement (I) is correct but Statement (II) is incorrect. Statement (I) is incorrect but Statement (II) is correct. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

30	3230	<p>Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).</p> <p>Assertion (A) : In the production of extruded feed manufacture, high temperature and high pressure are used.</p> <p>Reason (R) : In the extruded feed production, small air pockets are formed inside pellets and they float in the water.</p> <p>In light of the above statements, choose the <i>correct</i> answer from the options given below.</p> <ol style="list-style-type: none"> Both (A) and (R) are true and (R) is the correct explanation of (A). Both (A) and (R) are true but (R) is NOT the correct explanation of (A). (A) is true but (R) is false. (A) is false but (R) is true. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

31	3231		4.0	1.00
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List-I	List-II
Feed ingredients	Used as a source of
(A). Groundnut cake	(I). Binder
(B). Tapioca flour	(II). Protein
(C). Ethoxyquin	(III). Carbohydrate
(D). Rice bran	(IV). Antioxidant

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

- (A) - (I), (B) - (II), (C) - (III), (D) - (IV)
- (A) - (I), (B) - (III), (C) - (II), (D) - (IV)
- (A) - (II), (B) - (I), (C) - (IV), (D) - (III)
- (A) - (III), (B) - (IV), (C) - (I), (D) - (II)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

32 3232

4.0 1.00

List-I	List-II
Shellfish	Larval stage
(A). Crab	(I). Phyllosoma
(B). Lobster	(II). Zoea
(C). Scampi	(III). Glochidium
(D). Freshwater mussel	(IV). Megalopa

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

- (A) - (I), (B) - (II), (C) - (III), (D) - (IV)
- (A) - (IV), (B) - (I), (C) - (II), (D) - (III)
- (A) - (I), (B) - (II), (C) - (IV), (D) - (III)
- (A) - (III), (B) - (IV), (C) - (I), (D) - (II)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question			
33	3233	<p>In the induced breeding of Indian major carps, which of the following statements are correct ?</p> <p>(A). Pituitary glands are preferred over Ovaprim.</p> <p>(B). Ovaprim is ready to use liquid form available in 10 ml vial, has consistency and given reliable results.</p> <p>(C). Ovotide is an indigenous, cost effective hormonal formulation.</p> <p>(D). GnRH is a steroidal hormone belongs to class of substances called peptides.</p> <p>Choose the correct answer from the options given below:</p> <ol style="list-style-type: none"> 1. (A), (B), (C), (D). 2. (A) and (D) only 3. (C) and (D) only 4. (B) and (C) only <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0 1.00

Objective Question			
34	3234	<p>The scientist/s who developed the hypophysation technique for breeding of Indian major carps for the first time in India ?</p> <ol style="list-style-type: none"> 1. S L Hora 2. Alikunhi K H and H Choudhri 3. T V R Pillay 4. V G Jhingran <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0 1.00

Objective Question			
35	3235	<p>What is the world latest fish production (FAO,2022) ?</p> <ol style="list-style-type: none"> 1. 214 mmt 2. 224 mmt 3. 189 mmt 4. 197 mmt <p>A1 : 1</p> <p>A2 : 2</p>	4.0 1.00

A3 : 3

A4 : 4

Objective Question

36	3236	World latest aquaculture production (FAO, 2022) is 1. 124 mmt 2. 224 mmt 3. 98.5 mmt 4. 87.5 mmt A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

37	3237	What is the ideal plant crop for aquaponics system? 1. Banana 2. Spinach 3. Potato 4. Papaya A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

38	3238	In the breeding of Indian major carps on a large scale, which of the following is more commonly used ? 1. Glass jar hatchery 2. Vertical hatchery 3. Circular hatchery 4. Hapa method A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

39	3239	<p>In the fish feed storage, which of the following is more common type of spoilage ?</p> <ol style="list-style-type: none"> 1. Bacteria 2. Viruses 3. Worms 4. Moulds <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

40	3240	<p>Which is the predominant species cultured presently in the brackishwater aquaculture in India ?</p> <ol style="list-style-type: none"> 1. Tiger shrimp 2. Banana prawn 3. Indian white shrimp 4. Whiteleg shrimp <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

41	3241	<p>What is most important factor in the biofloc system of culture ?</p> <ol style="list-style-type: none"> 1. Carbon 2. Phosphorus 3. Potash 4. Magnesium <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

42	3242			
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What is the preferred fish food organisms for spawn of Indian major carps ?

1. Ostracode
2. Rotifers
3. Cladocerans
4. Isopods

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

43	3243	<p>Predatory and weed fishes in the pond can be controlled by</p> <ol style="list-style-type: none"> 1. Mahua oil cake 2. Kerosine 3. Diesel 4. Cotton seed cake <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

44	3244	<p>Highest fish production carps in experiemental conditions was obtained by employing</p> <ol style="list-style-type: none"> 1. Three species 2. Four species 3. Two species 4. Six species <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

45	3245		4.0	1.00
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Given below are two statements:

Statement (I): When organic fertilizers are used zooplanakton will develop through saphrophytic food chain.

Statement (II): When inorganic fertilizers are used zooplanakton will develop through saphrophytic food chain.

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

1. Both Statement (I) and Statement (II) are correct.
2. Both Statement (I) and Statement (II) are incorrect.
3. Statement (I) is correct but Statement (II) is incorrect.
4. Statement (I) is incorrect but Statement (II) is correct.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

46	3246	The book : "Aquaculture: Principles and Practices" was written by 1. V G Jhingran 2. Ayyappan S 3. T V R Pillay 4. S L Hora A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

47	3247	Which of the follwing fish is a protandrous hermaphrodite ? 1. Tilapia 2. Asian Seabass 3. Catla 4. Cobia A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question				
48	3248	<p>In the manufacture of extruded fish feeds, which of the following statements are true ?</p> <p>(A). High temperature, high pressure and high moisture are used.</p> <p>(B). Low temperature, high pressure and high moisture are used.</p> <p>(C). Low moisture, low pressure and high temperature are used.</p> <p>(D). Low pressure, low temperature and low moisture are used.</p> <p>Choose the correct answer from the options given below:</p> <ol style="list-style-type: none"> 1. (A) only 2. (A) and (B) only 3. (B) and (C) only 4. (C) and (D) only <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00

Objective Question				
49	3249	<p>Which of the following fish is protogynous hermaphrodite ?</p> <ol style="list-style-type: none"> 1. Barramundi 2. Tilapia 3. Grouper 4. Pampano <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00

Objective Question				
50	3250	<p>In <i>Macrobrachium rosenbergii</i> males, how many common morphotypes are observed ?</p> <ol style="list-style-type: none"> 1. Two 2. One 3. Six 4. Three <p>A1 : 1</p> <p>A2 : 2</p>	4.0	1.00

A3 : 3

A4 : 4

Objective Question

51	3251	Which of the following is a secondary air pollutant? 1. Ozone 2. Carbon dioxide 3. Carbon monoxide 4. Sulphur dioxide A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

52	3252	Immediate harmful effects on human body parts due to Fluoride pollution 1. Kidney 2. Brain 3. Heart 4. Teeth A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

53	3253	First notification of EIA in India came in the year 1. 1986 2. 1994 3. 1974 4. 2006 A1 : 1 A2 : 2 A3 : 3	4.0	1.00
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		A4 : 4		
Objective Question				
54	3254	<p>A concentration of 0.1 % is equivalent to how many parts per million (ppm)?</p> <ol style="list-style-type: none"> 1. 1 ppm 2. 10 ppm 3. 100 ppm 4. 1000 ppm <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
Objective Question				
55	3255	<p>Species that serve as early warnings of environmental damage are called</p> <ol style="list-style-type: none"> 1. Keystone species 2. Native species 3. Specialist species 4. Indicator species <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
Objective Question				
56	3256	<p>Which of the following genus of bacterium is not found in freshwater?</p> <ol style="list-style-type: none"> 1. <i>Pseudomonas</i> 2. <i>Flavobacterium</i> 3. <i>Aeromonas</i> 4. <i>Vibrio</i> <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
Objective Question				



57	3257	<p>Lakes, having uniform density and temperature regardless of depth in a particular period of the year, are called</p> <ol style="list-style-type: none"> 1. Polymictic Lakes 2. Dimictic Lakes 3. Monomictic Lakes 4. Holomictic Lakes <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

58	3258	<p>Which of the following is not a biofertilizer?</p> <ol style="list-style-type: none"> 1. <i>Salmonella</i> 2. <i>Rhizobium</i> 3. <i>Nostoc</i> 4. <i>Azolla</i> <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

59	3259	<p>Which of the following does not cause the permanent hardness in water?</p> <ol style="list-style-type: none"> 1. Nitrite 2. Nitrates 3. Chlorides 4. Bicarbonates <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

60	3260		4.0	1.00
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Transparency of water is measured by

1. Secchi disc
2. Salinometer
3. Hydrometer
4. Anemometer

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

61	3261	<p>Methemoglobinemia disease is caused by</p> <ol style="list-style-type: none"> 1. Lead levels in ground water 2. Mercury levels in ground water 3. Nitrate in ground water 4. Iron in ground water <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

62	3262	<p>Interspecific relationship where one species suffer and other species experience no effect is</p> <ol style="list-style-type: none"> 1. Commensalism 2. Ammensalism 3. Mutualism 4. Predation <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

63	3263		4.0	1.00
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Kyoto Protocol is related to

1. Greenhouse gas
2. Pesticide pollution
3. Water Pollution
4. Ozone depletion

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

64	3264	<p>Gulf stream is which type of current?</p> <ol style="list-style-type: none"> 1. Cold water current 2. Warm water current 3. Bottom current 4. Inshore current <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

65	3265	<p>Toxin responsible for Paralytic shellfish poisoning is</p> <ol style="list-style-type: none"> 1. Saxitoxin 2. Brevetoxin 3. Okadaic acid 4. Domoic acid <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

66	3266		4.0	1.00
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Number of 'Biodiversity Hotspots' in the World is

1. 32
2. 36
3. 24
4. 96

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

67	3267	4.0	1.00
<p>Which of the following light can penetrate deepest in the ocean water?</p> <ol style="list-style-type: none"> 1. Red 2. Blue 3. Green 4. Yellow <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>			

Objective Question

68	3268	4.0	1.00
<p>Highest point of wave is called</p> <ol style="list-style-type: none"> 1. Crest 2. Trough 3. Current 4. Heave <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>			

Objective Question

69	3269	4.0	1.00

Which one of the following is formed due to river meandering?

1. Bog
2. Peat
3. Ox-bow lakes
4. Salt marsh

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

70	3270	Energy flow in ecosystem is given by:	4.0	1.00
		<ol style="list-style-type: none"> 1. Haeckel 2. Odum 3. Tansely 4. Victor Hensen 		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

71	3271	Cytopathic effect in a host cell is due to result of	4.0	1.00
		<ol style="list-style-type: none"> 1. Fungal infection 2. Bacterial infection 3. Viral infection 4. Parasitic infestation 		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

72	3272		4.0	1.00
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Any agents added to vaccines to stimulate the immune system and enhance the response without having an antigenic effect by itself are called

1. Antigens
2. Allergens
3. Adjuvants
4. Carriers

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

73	3273	Headquarter of Office of International Epizootics is located in which country?	4.0	1.00
		<ol style="list-style-type: none"> 1. Thailand 2. Malaysia 3. France 4. USA 		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

74	3274	Complete dissociation of chromatin material in the nucleus is termed as	4.0	1.00
		<ol style="list-style-type: none"> 1. Karyorhexis 2. Karyolysis 3. Pyknosis 4. Nucleolysis 		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

75	3275		4.0	1.00
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Constant presence of a disease or infectious agent within a given geographic area or population group is termed as

1. Epizootic
2. Enzootic
3. Panzootic
4. Zoonotic

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

76	3276	<p>Immunoglobulin's function is</p> <ol style="list-style-type: none"> 1. Vasodilation 2. Chemotaxis 3. Activation of complement system 4. Inflammation <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

77	3277	<p>The process of acute inflammation is initiated by the action of</p> <ol style="list-style-type: none"> 1. Vasoactive amines 2. Complement 3. Thromboplastin 4. Antibody <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

78	3278		4.0	1.00
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The only anesthetic currently approved by the USFDA for use on food fish is

1. MS-222
2. Benzocaine
3. Quinaldine
4. Clove oil

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

79	3279	<p>The process of weakening a pathogen for preparing a vaccine is called</p> <ol style="list-style-type: none"> 1. Immunization 2. Attenuation 3. Vaccination 4. Virulence reduction <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

80	3280	<p>The antibiotic permitted for use in aquaculture is,</p> <ol style="list-style-type: none"> 1. Ciprofloxacin 2. Florfenicol 3. Amoxicillin 4. Ampicillin <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

81	3281		4.0	1.00
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Lactic acid fish fermented product is

1. Ngapi
2. Nam-pla
3. Patis
4. Pla-ra

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

82	3282	<p>What is the recommended dietary allowance (RDA) of EPA and DHA?</p> <ol style="list-style-type: none"> 1. 1g 2. 2g 3. 3g 4. 4g <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

83	3283	<p>Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).</p> <p>Assertion (A) : Isinglass is prepared from swimm bladder.</p> <p>Reason (R) : It is a form of collagen used mainly for the clarification or fining of some beer and wine.</p> <p>In light of the above statements, choose the <i>correct</i> answer from the options given below.</p> <ol style="list-style-type: none"> 1. Both (A) and (R) are true and (R) is the correct explanation of (A). 2. Both (A) and (R) are true but (R) is NOT the correct explanation of (A). 3. (A) is true but (R) is false. 4. (A) is false but (R) is true. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

84	3284	<p>Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).</p> <p>Assertion (A) : In trawl net, old pieces of webbing known as false belly.</p> <p>Reason (R) : They are attached below the belly to act as chaffing gear.</p> <p>In light of the above statements, choose the <i>correct</i> answer from the options given below.</p> <ol style="list-style-type: none"> Both (A) and (R) are true and (R) is the correct explanation of (A). Both (A) and (R) are true but (R) is NOT the correct explanation of (A). (A) is true but (R) is false. (A) is false but (R) is true. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

85	3285	<p>Match List-I with List-II</p> <table border="1"> <thead> <tr> <th>List-I</th> <th>List-II</th> </tr> </thead> <tbody> <tr> <td>Fishing gear floats</td> <td>Buoyancy</td> </tr> <tr> <td>(A). Sponge plastic</td> <td>(I). 650g/1000cc</td> </tr> <tr> <td>(B). Thermocol</td> <td>(II). 825g/1000cc</td> </tr> <tr> <td>(C). Cork</td> <td>(III). 900g/1000cc</td> </tr> <tr> <td>(D). Wood</td> <td>(IV). 800-860g/1000cc</td> </tr> </tbody> </table> <p>Choose the correct answer from the options given below:</p> <ol style="list-style-type: none"> (A) - (I), (B) - (II), (C) - (III), (D) - (IV) (A) - (IV), (B) - (III), (C) - (II), (D) - (I) (A) - (I), (B) - (II), (C) - (IV), (D) - (III) (A) - (III), (B) - (IV), (C) - (I), (D) - (II) <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	List-I	List-II	Fishing gear floats	Buoyancy	(A). Sponge plastic	(I). 650g/1000cc	(B). Thermocol	(II). 825g/1000cc	(C). Cork	(III). 900g/1000cc	(D). Wood	(IV). 800-860g/1000cc	4.0	1.00
List-I	List-II															
Fishing gear floats	Buoyancy															
(A). Sponge plastic	(I). 650g/1000cc															
(B). Thermocol	(II). 825g/1000cc															
(C). Cork	(III). 900g/1000cc															
(D). Wood	(IV). 800-860g/1000cc															

Objective Question

86	3286		4.0	1.00
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Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).

Assertion (A) : Trammel net is used to entangle the fins, scales, teeth etc. of fishes.

Reason (R) : It consists of two layers, one with larger meshes outside and another with smaller meshes inside.

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

87	3287	Which is the indigenous pathogenic bacteria in seafood? <ol style="list-style-type: none"> 1. <i>Enterococcus faecalis</i> 2. <i>Vibrio parahaemolyticus</i> 3. <i>Staphylococcus aureus</i> 4. <i>Morganella morganii</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

88	3288		4.0	1.00
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Match **List-I** with **List-II**

List-I	List-II
Fish by-products	Body parts
(A). Fish glue	(I). Epidermal layer
(B). Fish maws	(II). Skin and bones
(C). Gelatin	(III). Air bladder
(D). Pearl essence	(IV). Fish head

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

- (A) - (I), (B) - (II), (C) - (III), (D) - (IV)
- (A) - (III), (B) - (II), (C) - (IV), (D) - (I)
- (A) - (I), (B) - (II), (C) - (IV), (D) - (III)
- (A) - (IV), (B) - (III), (C) - (II), (D) - (I)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

89 3289

4.0 1.00

Given below are two statements:

Statement I: Splicing is a method of joining ends of two ropes together or making an eye at the end of the rope.

Statement II : Eye splicing is a method of joining two ropes without increasing the thickness over the area of splice.

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

- Both statement (I) and statement (II) are correct.
- Both statement (I) and statement (II) are incorrect.
- Statement (I) is correct, but statement (II) is incorrect.
- Statement (I) is incorrect, but statement (II) is correct.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

90 3290

4.0 1.00

Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).

Assertion (A) : The Codex Alimentarius Commission was established in the year 1963 by the Food and Agriculture Organization (FAO) and World Health Organization (WHO) of the United Nations .

Reason (R) : It was developed to harmonized international food standards, guidelines and codes of practice to protect the health of consumers and ensure fair trade practices in the food trade.

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

91	3291	<p>Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).</p> <p>Assertion (A) : Colombo curing is the fish pickling process practiced in the South Canara and Malabar regions along the West Coast of the India.</p> <p>Reason (R) : <i>Psidium guajava</i> fruit is very acidic in nature which is used for Colombo pickling of fish.</p> <p>In light of the above statements, choose the <i>correct</i> answer from the options given below.</p> <ol style="list-style-type: none"> 1. Both (A) and (R) are true and (R) is the correct explanation of (A). 2. Both (A) and (R) are true but (R) is NOT the correct explanation of (A). 3. (A) is true but (R) is false. 4. (A) is false but (R) is true. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

92	3292	<p>Histamine producing bacteria in iced fish is</p> <ol style="list-style-type: none"> 1. <i>Photobacterium</i> 2. <i>Staphylococcus</i> 3. <i>Salmonella</i> 4. <i>Shewanella</i> <p>A1 : 1</p>	4.0	1.00
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A2 : 2

A3 : 3

A4 : 4

Objective Question

93 3293

4.0

1.00

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

List-I	List-II
Fishing gear	Type of water body
(A). Pole and line	(I). Lake
(B). Long/Dor	(II). Backwater
(C). Kola valai	(III). Hill stream
(D). Suthu valai	(IV). Sea

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

- (A) - (IV), (B) - (III), (C) - (II), (D) - (I)
- (A) - (I), (B) - (II), (C) - (III), (D) - (IV)
- (A) - (I), (B) - (II), (C) - (IV), (D) - (III)
- (A) - (III), (B) - (IV), (C) - (I), (D) - (II)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

94 3294

4.0

1.00

Which is the major pathogen in ready-to-eat products?

- Listeria monocytogenes*
- Vibrio cholerae*
- Escherichia coli*
- Staphylococcus aureus*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question



95	3295	<p>Given below are two statements:</p> <p>Statement (I): Bull trawling or pair trawling is a specialized trawling method in which the mouth of the trawl is kept open by means of pair trawlers towing apart.</p> <p>Statement (II): In Japan Bull is known as pareja trawling.</p> <p>In light of the above statements, choose the <i>most appropriate</i> answer from the options given below.</p> <ol style="list-style-type: none"> Both Statement (I) and Statement (II) are correct. Both Statement (I) and Statement (II) are incorrect. Statement (I) is correct but Statement (II) is incorrect. Statement (I) is incorrect but Statement (II) is correct. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

96	3296	<p>The specific gravity of ferrocement is</p> <ol style="list-style-type: none"> 2.4 - 2.6 2.8 - 3.0 2.0 - 2.1 3.1 - 3.3 <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

97	3297	<p>Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).</p> <p>Assertion (A) : Tonnage is a measure of ship's capacity. It can be expressed either in volume or weight.</p> <p>Reason (R) : Displacement tonnage is the amount of water displaced by a ship expressed in tons weight (1ton =1000kg i.e. 0.99m³ of salt water or 1m³ of fresh water)</p> <p>In light of the above statements, choose the <i>correct</i> answer from the options given below.</p> <ol style="list-style-type: none"> Both (A) and (R) are true and (R) is the correct explanation of (A). Both (A) and (R) are true but (R) is NOT the correct explanation of (A). (A) is true but (R) is false. (A) is false but (R) is true. <p>A1 : 1</p>	4.0	1.00
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A2 : 2

A3 : 3

A4 : 4

Objective Question

98	3298	<p>Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).</p> <p>Assertion (A) : Frozen tuna exhibit green/brown on cooking.</p> <p>Reason (R) : Browning is due to the formation of metmyoglobin in the muscle through autoxidation of ferrous myoglobin.</p> <p>In light of the above statements, choose the <i>correct</i> answer from the options given below.</p> <ol style="list-style-type: none"> Both (A) and (R) are true and (R) is the correct explanation of (A). Both (A) and (R) are true but (R) is NOT the correct explanation of (A). (A) is true but (R) is false. (A) is false but (R) is true. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

99	3299	<p>Given below are two statements:</p> <p>Statement (I): The most widely used fish detection instrument is the echo sounder.</p> <p>Statement (II): An echo sounder consists of only two major components: transducer and receiver.</p> <p>In light of the above statements, choose the <i>most appropriate</i> answer from the options given below.</p> <ol style="list-style-type: none"> Both (A) and (R) are true and (R) is the correct explanation of (A). Both (A) and (R) are true but (R) is NOT the correct explanation of (A). (A) is true but (R) is false. (A) is false but (R) is true. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

100	3300		4.0	1.00
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"Mush" condition in canned fish occurs due to

1. Protozoa
2. Fungus
3. Bacteria
4. Salt

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

101	3301	Which of the following compound gives sweet and meaty flavour to fish?	4.0	1.00
		<ol style="list-style-type: none"> 1. Inosine monophosphate 2. Inosine 3. Adenosine diphosphate 4. Hypoxanthine 		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

102	3302	Limit of <i>Escherichia coli</i> in Frozen Seafood (Cfu/g)	4.0	1.00
		<ol style="list-style-type: none"> 1. 0 2. 20 3. 100 4. 1000 		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

103	3303		4.0	1.00
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Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).

Assertion (A) : Basic principle of marine engine is based on the latent heat energy of fuel is converted into mechanical energy in the case of heat engines.

Reason (R) : Combustion takes place inside in terms of steam engine.

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

104	3304	<p>Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).</p> <p>Assertion (A) : Sextant is a modern navigational instrument, which is used for the measurement of vertical and horizontal angles at sea.</p> <p>Reason (R) : It is an instrument of double reflection by means two mirrors and is capable of measuring angles up to 120°.</p> <p>In light of the above statements, choose the <i>correct</i> answer from the options given below.</p> <ol style="list-style-type: none"> 1. Both (A) and (R) are true and (R) is the correct explanation of (A). 2. Both (A) and (R) are true but (R) is NOT the correct explanation of (A). 3. (A) is true but (R) is false. 4. (A) is false but (R) is true. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

105	3305		4.0	1.00
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Scombroid poisoning is related to

- (A). *Thunnus alalunga*
 (B). *Coryphaena hippurus*
 (C). *Labeo rohita*
 (D). *Oreochromis niloticus*

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

106 3306

A single value used to estimate population parameter is called

1. Statistic
2. Point estimate
3. Variable
4. Estimator

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0

1.00

Objective Question

107 3307

For a given set of data, if the difference between mean and mode is 36 what is the difference between mean and median?

1. 6
2. 12
3. 24
4. 36

A1 : 1

A2 : 2

A3 : 3

4.0

1.00

A4 : 4

Objective Question

108 3308

4.0

1.00

A measure of the relationship between two random variables and to what extent they change together is

1. Covariance
2. Correlation
3. Regression
4. Coefficient of determination

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

109 3309

4.0

1.00

A pond contains 200 fishes of which 40 are marked. A second pond contains 300 fishes of which 50 are marked. One fish is drawn from each of the ponds. What is the probability that the fishes drawn are both marked?

1. 1/90
2. 1/60
3. 1/30
4. 1/11

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

110 3310

4.0

1.00

Given below are two statements:

Statement (I): A belt of coastal waters extending utmost 12 nautical miles from the baseline of a coastal state is called territorial sea.

Statement (II): A belt of coastal waters extending utmost 24 nautical miles from the outer edge of the territorial sea is called contiguous zone.

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

1. Both Statement (I) and Statement (II) are correct.
2. Both Statement (I) and Statement (II) are incorrect.
3. Statement (I) is correct but Statement (II) is incorrect.
4. Statement (I) is incorrect but Statement (II) is correct.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

111	3311	<p>Which of the following is launched by Government of India recently for comprehensive development of villages of blocks on northern border to improve livelihood people living in identified border villages of India?</p> <ol style="list-style-type: none"> 1. Mission Amrit Sarovar 2. Vibrant Villages Programme 3. National Agriculture Market 4. Krishi UDAN Scheme <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

112	3312	<p>The United Nations General Assembly has declared 2022 as the International Year of</p> <ol style="list-style-type: none"> 1. Artisanal fisheries and Aquaculture 2. Sustainable marine fisheries 3. Mariculture 4. Seafood safety <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

113	3313		4.0	1.00
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Identify the correct sequence of steps in extension teaching

- (A). Desire
- (B). Conviction
- (C). Interest
- (D). Attention
- (E). Satisfaction
- (F). Action

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

1. (C), (B), (A), (D), (F), (E).
2. (D), (C), (A), (B), (F), (E).
3. (D), (C), (B), (F), (A), (E).
4. (A), (C), (E), (F), (B), (D).

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

114 3314

Three of the following extension teaching methods belong to the same category. Choose the odd one out.

1. Bulletin
2. Radio talk
3. Exhibition
4. Field trip

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

115 3315

4.0 1.00

Identify 3 R's of credit

(A). Referral

(B). Returns

(C). Reach

(D). Repaying capacity

(E). Risk bearing ability

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

116 3316

4.0 1.00

Indian marine products exports value worth during 2021-22

1. US\$ 8.95 billion
2. US\$ 7.76 billion
3. US\$ 6.67 billion
4. US\$ 5.08 billion

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

117 3317

4.0 1.00

The market situation where there is only one buyer in the market is called

1. Monopoly
2. Monopsony
3. Perfect market
4. Monarchy

A1 : 1

A2 : 2

A3 : 3

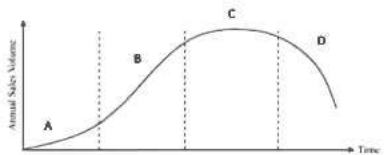
A4 : 4

Objective Question

118 3318

4.0 1.00

Study the product life cycle diagram as given. If A, B, C and D represents different stages of product life cycle, which stage is least expensive stage?



1. Stage A
2. Stage B
3. Stage C
4. Stage D

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

119 3319

4.0 1.00

The headquarter of the WTO is at

1. Uruguay
2. New York
3. Tokyo
4. Geneva

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

120 3320

4.0 1.00

Which of the following is regarded as one of the fixed costs in aquaculture?

1. Pond construction
2. Depreciation
3. Electricity
4. Repair and maintenance of equipments

A1 : 1

A2 : 2

A3 : 3

A4 : 4