PREVIEW QUESTION BANK

Module Name : FISHERIES SCIENCES-ENG Exam Date : 09-Jul-2023 Batch : 10:00-12:00

Sr. No.	Client Q II	D	Question Body and Alternatives Ma	arks	M	gativ arks
oject	tive Quest	ion				
3	3101		y the parts (A, B, C and D) labeled in the given picture and identify the category of from the options given below:	of 4	.0	1.0
		1.	Monorhinous fish			
		 3. 	Physostomous fish Physoclistous fish			
		4.	Cartilagenous fish			
		A1:1				
		A2:2				
		A3:3				
		A4:4				
	tive Quest	ion				
	3102	Mec	kel's cartilage supports which of the following in early development of shark?	4	.0	1.0
		1.	Inner ear			
		2.	Upper jaw		4.0	
		 4. 	Lower jaw Gill cover			
		A1:1				
		A2:2				
		A3:3				
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	A4:4			
ective Que	ection			
3103		tify the correct sequence of blood flow in a typical taleast.	4.0	1.0
	iden	tify the correct sequence of blood flow in a typical teleost:		
	1.	Conus arteriosus \rightarrow Atrium \rightarrow Ventricle \rightarrow Sinus venosus		
	2.	Sinus venosus → Atrium → Ventricle → Bulbus arteriosus		
	3.	Conus arteriosus → Ventricle → Atrium → Sinus venosus		
	4.	Sinus venosus \rightarrow Ventricle \rightarrow Atrium \rightarrow Bulbus arteriosus		
	A1:1			
	A2:2			
	A3:3			
	A4:4			
ctive Que	stion		4.0	1.0
3104		nge the following fishes starting the early maturity to late maturity period under conditions.	4.0	1.0
	(A)	Whale shark		
	(B)	Rohu		
	(C)	Indian mackerel		
	(D)	Sturgeon		
	(E)	Tilapia		
	Cho	ose the <i>correct</i> answer from the options given below:		
	1.	(E), (B), (A), (D), (C).		
	2.	(B), (C), (A), (D), (E).		
	3.	(B), (A), (D), (C), (E).		
	4.	(E), (C), (B), (D), (A).		
	A1:1			
	A2:2			
	A3:3			

Objective Question 4.0 1.00 3105 Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R). Assertion (A): Rectal gland, a specialised anatomical structure, is present in marine elasmobranchs. Reason (R): Rectal gland secretes vasopressin which helps in osmoregulation. 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. (A) is false but (R) is true. 4. A1:1 A2:2 A3:3 A4:4 Objective Question 3106 4.0 1.00 Identify the larva given in the picture:



- Phyllosoma 1.
- Nauplius 2.
- 3. Veliger
- Megalopa 4.

A1:1

A2:2

		A3:3			
		A4:4			
	ctive Ques	tion			1
7	3107	The	depressed central area on the planispiral coiled shell of Nautilus is called:	4.0	1.00
		1.	Whorl		
		2.	Columella		
		3.	Varix		
		4.	Umbilicus		
		A1:1			
		A2:2			
		A3:3			
		A4:4			
Obje	ctive Ques	tion			
8	3108		moglobin in teleosts is :	4.0	1.00
		1.	Monomeric		
		2.	Dimeric		
		3.	Trimeric		
		4.	Tetrameric		
		A1:1			
		A2:2			
		A3:3			
		A4:4			
Ohio	ctive Ques	tion			
9	3109	TION .		4.0	1.00

Given below are two statements:

Statement (I): Pleurobranchs of a typical prawn are attached to abdominal segments bearing pleopods.

Statement (II): A typical prawn has three pleurobranchs.

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

- 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.

A1:1

A2:2

A3:3

A4:4

Objective Question

10 3110

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

4.0 1.00

Assertion (A): Sharks are categorized under the class Elasmobranchii.

Reason (R): Sharks have gill slits positioned laterally on either side of the head.

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.

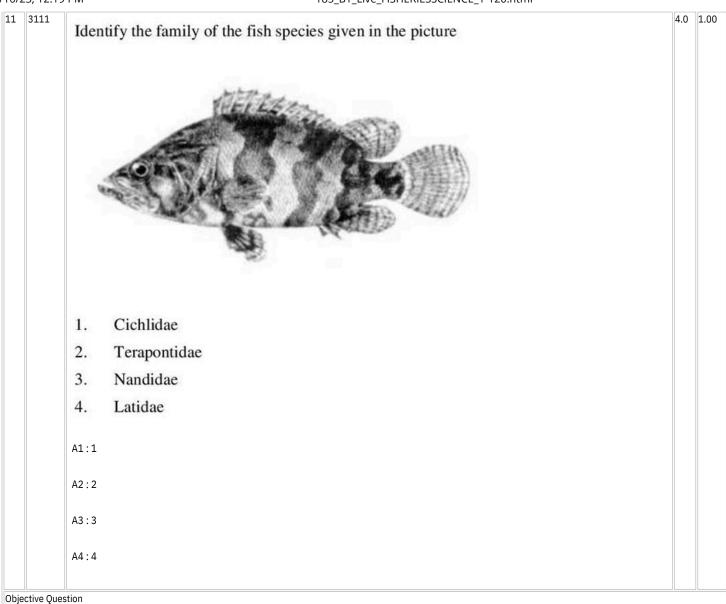
A1:1

A2:2

A3:3

A4:4

Objective Question



2	2 3112	4.0	1.0

Match List-I with List-II

	List-I		List-II
(C	ommon name)		(Family)
(A)	Periwinkles	(I)	Buccinidae
(B)	Whelks	(II)	Ampullariidae
(C)	Chanks	(III)	Littorinidae
(D)	Apple snails	(IV)	Turbinellidae

Choose the correct answer from the options given below:

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

A1:1

A2:2

A3:3

A4:4

Objective Question						
13	3113		4.0	1.00		

(A) Parapenaeopsis stylifera (B) Acetes indicus (C) Aristeus alcocki (D) Solenocera hextii	
(C) Aristeus alcocki	
(D) Solenocera hextii	
(E) Nematopalaemon tenuipes	
Choose the <i>correct</i> answer from the options given below:	
1. (B), (C) and (E) only.	
2. (A), (B) and (D) only.	
3. (A), (C) and (D) only.	
4. (B), (C) and (D) only.	
A1:1	
A2:2	
A3:3	
A4:4	
Objective Question	
The presence of a sucking disc with 10-28 transverse movable laminae on the head is the striking taxonomic feature of which family?	L.00
1. Rachycentridae	
2. Echeneidae	
3. Catastomidae	
4. Sphyrnidae	
A1:1	
A2:2	
A3:3	
A4:4	
Objective Question	
15 3115	.00

			nge the following fishes based on number of dorsal fin spines they have, starting the least to the most:		
		(A)	Mugil cephalus		
		(B)	Sillago sihama		
		(C)	Arius arius		
		(D)	Sphyraena barracuda		
		(E)	Oreochromis mossambicus		
		Choo	ose the <i>correct</i> answer from the options given below:		
		1.	(C), (A), (D), (B), (E).		
		2.	(C), (E), (A), (B), (D).		
		3.	(E), (C), (B), (D), (A).		
		4.	(A), (E), (B), (D), (C).		
		A1:1			
		A2:2			
		A3:3			
		A4:4			
Obje	ctive Ques	tion			
16	3116		er the analytical models of fish stock assessment, presence of too many old fish in tock is an indicative of :	4.0	1.00
		1.	Growth overfishing		
		2.	Recruitment overfishing		
		3.	Underfishing		
		4.	Eumetric fishing		
		A1:1			
		A2:2			
		A3:3			
		A4:4			
Obje	ctive Ques	tion			
17	3117			4.0	1.00

With the increase in fishing effort, what is the correct sequence of the following that occur in a typical marine fishery?

- 1. Maximum sustainable yield Maximum economic yield Open access equilibrium
- Maximum economic yield Open access equilibrium Maximum sustainable yield
- Maximum sustainable yield Open access equilibrium Maximum economic yield
- 4. Maximum economic yield Maximum sustainable yield Open access equilibrium

A1:1

A2:2

A3:3

A4:4

Objective Question

18	3118	Sele	ction curve expected from a standard gillnet is :	4.0	1.00
		1.	Sigmoid		
		2.	Asymptotic		
		3.	Linear		
		4.	Bell shaped		
		A1:1			
		A2:2			
	A3:3				
		A4:4			

		Which among the following models do not require biological data inputs for fish stock assessment?		
		(A) Surplus production model		
		(B) Thompson and Bell prediction model		
		(C) Relative response model		
		(D) Yield per recruit model		
		(E) Swept area method		
		Choose the <i>correct</i> answer from the options given below:		
		1. (A), (B), (D) and (E) only.		
		2. (A), (C) and (E) only.		
		3. (B), (C), (D) and (E) only.		
		4. (B), (D) and (E) only.		
		A1:1		
		A2:2		
		A3:3		
		A4:4		
Obje	ctive Ques	tion		
20	3120	As per FAO World Aquaculture and Fisheries Statistics (2022), which country leads in inland waters capture production in the year 2020 ?	4.0	1.00
		1. China		
		2. India		
		3. Indonesia		
		4. Bangladesh		
		A1:1		
		A2:2		
		A3:3		
		A4:4		
Obje	ctive Ques	tion		
	3121		4.0	1.00

			nge the following west flowing Indian rivers from northernmost to southernmost d on their joining point to Arabian Sea:		
		(A)	Narmada		
		(B)	Mahi		
		(C)	Periyar		
		(D)	Tapi		
		Choo	se the <i>correct</i> answer from the options given below:		
		1.	(A), (D), (C), (B).		
		2.	(B), (D), (A), (C).		
		3.	(B), (A), (D), (C).		
		4.	(C), (A), (B), (D).		
		A1:1			
		A2:2			
		A3:3			
		A4:4			
Obje	ctive Ques	tion			
22	3122		ermouth catfish or Pleco, an exotic fish species frequently being recorded in Indian rs, is native to:	4.0	1.00
		1.	South America		
		2.	North America		
		3.	China		
		4.	Africa		
		A1:1			
		A2:2			
		A3:3			
		A4:4			
Ohie	ctive Ques	tion			
	3123			4.0	1.00

	T	ne most productive fishing area which produces largest global marine capture fish is :		
	1	Northwest Atlantic		
	2			
	3	Northwest Pacific		
	4			
	A1	1		
	A2	2		
	А3	3		
	A4	4		
	tive Question 3124		4.0	1.00
	L	obsters are most abundant and form a significant fishery in the state of :		
	1	Andhra Pradesh		
	2	Karnataka		
	3	Goa		
	4	Gujarat		
	A1	1		
	A2	2		
	А3	3		
	A4	4		
Objec	ctive Question		<u> </u>	
25	3125 T	ne most dominant species of Labeo in the river Cauvery is:	4.0	1.00
	1	Labeo dyocheilus		
	2	Labeo boga		
	3	Labeo kontius		
	4	Labeo calbasu		
	A1	1		
	A2	2		
	А3	3		
	A4	4		

	ctive Ques	stion			
26	3126	Wha	it is the world latest fish production as per FAO, 2022 ?	4.0	1.00
		1.	89 mmt		
		2.	232 mmt		
		3.	214 mmt		
		4.	184 mmt		
		A1:1			
		A2:2			
		A3:3			
		A4:4			
Obje	ctive Ques	stion			
27	3127	Wor	ld latest aquaculture production (2022) is :	4.0	1.00
		1.	98.5 mmt		
		2.	87.5 mmt		
		3.	224 mmt		
		4.	124 mmt		
		A1:1			
		A2:2			
		A3:3			
		A4:4			
Obje	ctive Ques	stion		<u> </u>	
	3128		l Indian fish production (2021-22) is :	4.0	1.00
		1.	16.25 mmt		
		2.	14.2 mmt		
		3.	10.8 mmt		
		4.	22. 4 mmt		
		A1:1			
		A2:2			
		A3:3			

		:4	
Ohia	ativa Ova		
29	3129		1.00
		. Rs. 37,585. 6 crores	
		. Rs. 47,0285 crores	
		. Rs. 67,585 crores	
		. Rs. 57,586.5 crores	
		:1	
		:2	
		:3	
		: 4	
	ctive Ques		
30	3130	What is the contribution of Indian fisheries to national economy (GVA/GDP) and to agricultural economy respectively in 2021-22 ?	1.00
		. 2.1% and 8.89%	
		. 1.0% and 4.78%	
		. 1.1% and 6.72%	
		. 0.98% and 5.36%	
		:1	
		: 2	
		:3	
		: 4	
Obje	ctive Ques		
31	3131	Breeding and hatchery technology of the following fish was developed by the CMFRI:	1.00
		. Seabass	
		. Pearl spot	
		. Tilapia	
		. Cobia	
		:1	

		A2:2			
		A3:3			
		713.3			
		A4:4			
Ohio	ctive Ques	+ion			
32	3132			4.0	1.00
		Which	ch of the following fish variety was developed through selective breeding by the ldfish Center (ICLARM) ?		
		1.	Seabass		
		2.	Jayanthi rohu		
		3.	GIFT Tilapia		
		4.	GI Scampi		
		A1:1			
		A2:2			
		A3:3			
		A4:4			
Obje	ctive Ques	tion			
33	3133	Whic	ch among the following fishes is relatively a new introduction in Indian freshwater culture ?	4.0	1.00
		1.	Catla		
		2.	Tilapia		
		3.	Rohu		
		4.	Pangasius		
		A1:1			
		A2:2			
		A3:3			
		A4:4			
Obje	ctive Ques	tion			
34	3134			4.0	1.00

		The	weight of fish produced divided by the feed is given as:		
		1.	Food conversion efficiency		
		2.	Food conversion ratio		
		3.	Protein efficiency ratio		
		4.	Specific growth rate		
			Specific growth rate		
		A1:1			
		A2:2			
		A3:3			
		A4:4			
Obje	ective Ques	tion			
35	3135		ch of the following fish is carnivorous fish ?	4.0	1.00
		1.	Tilapia		
		2.	Pacu or roopchand		
		3.	Mullet		
		4.	Mrigal		
		A1:1			
		A2:2			
		A3:3			
		A4:4			
Obje	ective Ques	tion			
36	3136		ch of the following variety of fish was developed by the CIFA through selective ding?	4.0	1.00
		1.	GIFT Tilapia		
		2.	GI Common carp		
		3.	GI Mrigal		
		4.	Jayanthi rohu		
		A1:1			
		A2:2			
		A3:3			

		A4:4			
	3137		energy values (kcal/g) available from nutrients, protein and lipid are ?	4.0	1.00
		1.	4 and 5		
		2.	5 and 4		
		3.	5 and 9		
		4.	9 and 4		
		A1:1			
		A2:2			
		A3:3			
		A4:4			
Obje	ctive Ques	tion			
	3138		ch component of the energy in the food less the energy lost in faeces, urine and?	4.0	1.00
		1.	Metabolizable energy		
		2.	Gross energy		
		3.	Basal energy		
		4.	Net energy		
		A1:1			
		A2:2			
		A3:3			
		A4:4			
Ohio	ctive Ques	tion			
	3139	Whi	ch group of fish are primarily cultured in Japan, Europe and North America, and are bly marine fishes?	4.0	1.00
		1.	Herbivores		
		2.	Omnivores		
		3.	Plankton feeders		
		4.	Carnivores		
		A1:1			

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3.

4.

Common carp

Tilapia

		A1:1			
		A2:2			
		A3:3			
		A4:4			
	ective Ques	tion			1
43	3143		scientist/s who developed the hypophysation technique for breeding of Indian or carps for the first time in India ?	4.0	1.00
		1.	S L Hora		
		2.	T V R Pillay		
		3.	V G Jhingran		
		4.	Alikunhi K H and H Choudhri		
		A1:1			
		A2:2			
		A3:3			
		A4:4			
Obje	ective Ques	tion			
44	3144	In the	ne induced breeding of Indian major carps, which of the following statements are ect?	4.0	1.00
		(A)	Pituitary glands are preferred over Ovaprim.		
		(B)	Ovaprim is ready to use liquid form available in 10 ml vial, has consistency and given reliable results.		
		(C)	Ovatide is an indigenous, cost effective hormonal formulation.		
		(D)	GnRH is a steroidal hormone belongs to class of substances called peptides.		
		Cho	ose the <i>correct</i> answer from the options given below:		
		1.	(A) and (B) only		
		2.	(C) and (D) only		
		3.	(B) and (C) only		
		4.	(A) and (D) only		
		A1:1			

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		A2:2			
		A3:3			
		A4:4			
Ol: i-				<u> </u>	=
	ective Que				_
45	3145	Match List-I with List-II	4.0	1.00	

	List-I		List-II
	(Shellfish)	(I	arval 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:

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

A1:1

A2:2

A3:3

A4:4

Obje	ective Que	stion		
46	3146		4.0	1.00

Match List-I with List-II

	List-I	List-II
(1	Feed ingredients)	(Used as a source of)
(A)	Groundnut cake	(I) Binder
(B)	Tapioca floor	(II) Protein
(C)	Ethoxyquin	(III) Carbohydrate
(D)	Rice bran	(IV) Antioxidant

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

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

A1:1

A2:2

A3:3

A4:4

Objective Question

47 3147

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

4.0 1.00

- **Assertion (A):** Extruded feed manufacture, high temperature high moisture and high pressure are used.
- **Reason (R):** In extruded feed production, small air pockets are formed inside pellets and they float in the water.

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

J/ 2	23, 12:19 	PM 185_B1_Live_FISHERIESSCIENCE_1-120.html A2:2		
		A2:2		
		A3:3		
		A4:4		
_				
e	3148		4.0	1.0
		Given below are two statements:		
		Statement (I): Too many species used in freshwater aquaculture in India, which is not a good sign.		
		Statement (II): Diversification of species is necessary in the Indian freshwater aquaculture.		
		In light of the above statements, choose the <i>most appropriate</i> 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 incorrect but Statement (II) is correct.		
		4. Statement (I) is correct but Statement (II) is incorrect.		
		A1:1		
		A2:2		
		A3:3		
		A4:4		
j€	ctive Ques 3149	Given below are two statements:	4.0	1.0
		Given below are two statements:		
		Statement (I): African catfish is a fast growing one and recommended for culture in India.		
		Statement (II): Pangasius catfish is a suitable species for freshwater aquaculture.		
		In light of the above statements, choose the <i>most appropriate</i> answer from the options given below.		
		1. Both Statement (I) and Statement (II) are correct.		
		2. Statement (I) is incorrect and Statement (II) is correct.		
		3. Statement (I) is correct but Statement (II) is incorrect.		
		4. Both Statements (I) and Statement (II) are incorrect.		
		A1.1		
		A1:1		

		A2:2			
		A3:3			
		A4:4			
Ohio	ctive Ques	tion			
50	3150			4.0	1.00
		Give	n below are two statements:		
		State	ement (I): Gold fish eggs are adhesive.		
		State	ement (II): Common carp eggs are adhesive.		
			ght of the above statements, choose the <i>most appropriate</i> answer from the options is 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			
Obje	ctive Ques	tion			
	3151		sing a living microorganism to break down an environmental pollutant is referred	4.0	1.00
		to:	ong a nying mercorganism to creat down an environmental portation to referred		
		1.	Microremediation		
		2.	Nanoremediation		
		3.	Bioremediation		
		4.	Macroremediation		
		A1:1			
		A2:2			
		A3:3			
		A4:4			

Obje	ctive Ques	tion			
52	3152	Whe	re is the ozone layer located in the atmosphere?	4.0	1.00
		1.	Troposphere		
		2.	Stratosphere		
		3.	Mesosphere		
		4.	Ionosphere		
		A1:1			
		A2:2			
		A3:3			
		A4:4			
	ctive Ques	tion			
53	3153	Whe	n was the Ganga Action Plan (GAP) introduced in India?	4.0	1.00
		1.	1980		
		2.	1985		
		3.	1988		
		4.	1991		
		A1:1			
		A2:2			
		A3:3			
		A4:4			
Obje	ctive Ques	tion			
54	3154	How	many parts per million (ppm) does a concentration of 0.01% represent ?	4.0	1.00
		1.	1 ppm		
		2.	10 ppm		
		3.	100 ppm		
		4.	1000 ppm		
		A1:1			
		A2:2			
		A3:3			

		A4:4			
Obje	ctive Ques	stion			
55	3155	Spe	cies which are threat to biodiversity are ?	4.0	1.00
		1.	Keystone species		
		2.	Invasive species		
		3.	Flagship species		
		4.	Indicator Species		
		A1:1			
		A2:2			
		A3:3			
		A4:4			
Obje	ctive Ques	stion			
56	3156		ch of the following is a waterborne disease ?	4.0	1.00
		1.	Typhoid		
		2.	Measles		
		3.	Sarcoma		
		4.	Arthritis		
		A1:1			
		A2:2			
		A3:3			
		A4:4			
Obje	ctive Ques	stion			
57	3157	The as:	area in deep lakes which is beyond the influence of the shore or bottom is termed	4.0	1.00
		1.	Aphotic zone		
		2.	Profoundal zone		
		3.	Limnetic zone		
		4.	Disphotic zone		
		A1:1			

		A2:2		
		A3:3		
		A4:4		
	ective Ques			
58	3158	All of the following species are considered coliforms, except:	4.0	1.00
		1. Enterobacter aerogenes		
		2. Klebsiella pneumonia		
		3. Salmonella typhi		
		4. Escherichia coli		
		A1:1		
		A2:2		
		A3:3		
		A4:4		
	3159		4.0	1.00
37	3139	Which of the following salts is the main cause of permanent hardness of water?	4.0	1.00
		1. Magnesium sulphate		
		2. Magnesium bicarbonate		
		3. Magnesium carbonate		
		4. Calcium Sulphate		
		A1:1		
		A1:1 A2:2		
		A2:2		
Ohie	ective Oue	A2:2 A3:3 A4:4		
	active Ques	A2:2 A3:3 A4:4	4.0	1.00
		A2:2 A3:3 A4:4	4.0	1.00
		A2:2 A3:3 A4:4	4.0	1.00
		A2:2 A3:3 A4:4	4.0	1.00
		A2:2 A3:3 A4:4	4.0	1.00

		The l	book 'Silent Spring', which was written by Rachel Carson, documented:		
		1.	Adverse environmental effects caused by pesticides		
		2.	Adverse environmental effects caused by ozone depletion		
		3.	Adverse environmental effects caused by heavy metals		
		4.	Adverse environmental effects caused by radioactive pollutants		
			•		
		A1:1			
		A2:2			
		A3:3			
		04.4			
		A4:4			
	ctive Ques	tion			
61	3161	Neph	nelometer is used to measure :	4.0	1.00
		1.	Dissolved oxygen		
		2.	Carbon dioxide		
		3.	pH		
		4.	Turbidity		
		A1:1			
		A2:2			
		A3:3			
		A4:4			
Obje	tive Ques	tion			
62	3162	Incre	ase in concentration of chemical substance along the trophic level of food chain is d:	4.0	1.00
		1.	Bioconcentration		
		2.	Bioremediation		
		3.	Biomagnification		
		4.	Biotransformation		
		44.6			
		A1:1			
		A2:2			
		A3:3			

		A4:4			
Ohie	ctive Ques	tion			
63	3163		ecology is a study of inter relationship between environment and :	4.0	1.00
		1.	Individual plant		
		2.	A population		
		3.	A community		
		4.	Individual animal		
		A1:1			
		A2:2			
		A3:3			
		A4:4			
Obje	ctive Ques	tion			
64	3164	Mon	treal protocol is related to:	4.0	1.00
		1.	Global warming		
		2.	Ozone layer depletion		
		3.	Sustainable development		
		4.	Food security		
		A1:1			
		A2:2			
		A3:3			
		A4:4			
Obje	ctive Ques	tion			
65	3165	Whic	ch of the following ocean current is associated with Indian Ocean?	4.0	1.00
		1.	Agulhas Current		
		2.	Canary Current		
		3.	Kurile Current		
		4.	Florida Current		
		A1:1			
		A2:2			

		A3:3		
		A4:4		
Obje	ective Ques	cion Company of the C		
66	3166	A universal process of directional change in community composition on an ecological time scale is called :	4.0	1.00
		1. Displacement		
		2. Evolution		
		3. Succession		
		4. Extinction		
		A1:1		
		A2:2		
		A3:3		
		A4:4		
Obje	ective Ques	tion		
67	3167	In most freshwater lakes, the algal productivity is limited by the availability of which of the following inorganic ions ?	4.0	1.00
		1. Carbon		
		2. Nitrogen		
		3. Phosphorus		
		4. Sulphur		
		A1:1		
		A2:2		
		A3:3		
		A4:4		
Obje	ective Ques	tion		
68	3168		4.0	1.00

		How	many bio-geographical regions are present in India?		
		1.	3		
		2.	4		
		3.	7		
		4.	10		
		A1:1			
		A2:2			
		A3:3			
		A4:4			
Ohio	ctive Ques	tion			
	3169	Large	e body of water, sometimes with a narrow mouth, that is almost completely unded by land is called :	4.0	1.00
		1.	Estuary		
		2.	Gulf		
		3.	Strait		
		4.	Cape		
		A1:1			
		A2:2			
		A3:3			
		A4:4			
Obje	ctive Ques	tion			
	3170		ping of ocean bottom features is called:	4.0	1.00
		1.	Bathymetry		
		2.	Thermometry		
		3.	Geometry		
		4.	Oceanometry		
		A1:1			
		A2:2			
		A3:3			

		A4:4			
Obie	ective Ques	tion			
71	3171		ch fish disease is not listed in OIE list ?	4.0	1.00
		1.	Infection with viral haemorrhagic septicaemia virus		
		2.	Infection with Gyrodactylus salaris		
		3.	Infection with Aphanomyces invadans		
		4.	Infection with Ichthyophthirius multifiliis		
		A1:1			
		A2:2			
		A3:3			
		A4:4			
Obje	ective Ques	tion			
72	3172	Prog	rammed cell death is called :	4.0	1.00
		1.	Necrosis		
		2.	Apoptosis		
		3.	Pyknosis		
		4.	Karyolysis		
		A1:1			
		A2:2			
		A3:3			
		A4:4			
Obje	ctive Ques	tion]
73	3173	Все	lls and T cells are type of:	4.0	1.00
		1.	Neutrophils		
		2.	Basophils		
		3.	Lymphocytes		
		4.	Antibodies		
		A1:1			

		A2:2			
		A3:3			
		0.4.4			
		A4:4			
	ctive Ques	tion			
74	3174	Whi	ch one of the following is an acute phage protein?	4.0	1.00
		1.	Complement		
		2.	Antigen		
		3.	Antibody		
		4.	CRP		
		A1:1			
		A2:2			
		A3:3			
		A4:4			
Obje	ective Ques	tion			
75	3175	Whi	ch of the following is called as transboundary movement of disease?	4.0	1.00
		1.	Panzootic		
		2.	Epizootic		
		3.	Enzootic		
		4.	Zoonotic		
		A1:1			
		A2:2			
		A3:3			
		A4:4			
	ctive Ques	tion			
76	3176	Whi	ch of the following is a gram positive pathogenic bacteria ?	4.0	1.00
		1.	Yersinia ruckeri		
		2.	Aeromonas hydrophila		
		3.	Streptococcus iniae		
		4.	Flavobacterium columnare		

34/54

		Whic	ch one is not a nucleic acid based technique?		
		1.	PCR		
		2.	LAMP		
		3.	FAME		
		4.	RFLP		
		A1:1			
		A2:2			
		A3:3			
		A4:4			
Obje	ctive Ques	tion		<u> </u>	
	3180		etracycline antibiotics inhibits :	4.0	1.00
		1.	DNA synthesis		
		2.	Protein synthesis		
		3.	Carbohydrate synthesis		
		4.	Lipid synthesis		
		A1:1			
		A2:2			
		A3:3			
		A4:4			
Obje	ctive Ques	tion]
81	3181	Whic	ch one of the following spoilages does not occur in canned products?	4.0	1.00
		1.	Blue discoloration		
		2.	Curding		
		3.	Dun spoilage		
		4.	Struvite formation		
		A1:1			
		A2:2			
		A3:3			
		A4:4			

2100	estion	4.0	1.00
3182	Given below are two statements:	4.0	1.00
	Statement (I): Only hot and cold process are used for preparation of dyeing bath for fishing net.		
	Statement (II): Hot, cold and cutch methods are used for preparation of dyeing bath for fishing net.		
	In light of the above statements, choose the <i>most appropriate</i> answer from the options given below.		
	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.		
	A1:1		
	A2:2		
	A3:3		
	A4:4		
jective Qu	estion	4.0	1.00
3103	Given below are two statements:	4.0	1.00
	Statement (I): Verandah nets are basically barriers.		
	Statement (II): Chinese dip nets are widely used in Kerala backwaters.		
	In light of the above statements, choose the <i>most appropriate</i> answer from the options given below.		
	given below.		
	given below. 1. Both Statement (I) and Statement (II) are true.		
	given below. 1. Both Statement (I) and Statement (II) are true. 2. Both Statement (I) and Statement (II) are false.		
	 Both Statement (I) and Statement (II) are true. Both Statement (I) and Statement (II) are false. Statement (I) is true but Statement (II) is false. 		
	 Both Statement (I) and Statement (II) are true. Both Statement (I) and Statement (II) are false. Statement (I) is true but Statement (II) is false. Statement (I) is false but Statement (II) is true. 		
	 Both Statement (I) and Statement (II) are true. Both Statement (I) and Statement (II) are false. Statement (I) is true but Statement (II) is false. Statement (I) is false but Statement (II) is true. 		

Statement (II): Floats and sinkers are used for horizontal opening. Statement (II): Floats and sinkers are used for vertical opening. In light of the above statements, choose the most appropriate answer from the options given below. In Both Statement (I) and Statement (II) are true. Statement (I) is true but Statement (II) is false. Statement (II) is false but Statement (II) is true.
Food Safety Standard Authority of India (FSSAI) was formed in which year? 1. 2006 2. 2008 3. 2005 4. 2009 A1:1 A2:2 A3:3 A4:4 Objective Question Statement (I): Otter boards in gill nets are used for horizontal opening. Statement (II): Floats and sinkers are used for vertical opening. In light of the above statements, choose the most appropriate answer from the options given below. 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.
2. 2008 3. 2005 4. 2009 A1:1 A2:2 A3:3 A4:4 Statement (I): Otter boards in gill nets are used for horizontal opening. Statement (II): Floats and sinkers are used for vertical opening. In light of the above statements, choose the <i>most appropriate</i> answer from the options given below. 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.
3. 2005 4. 2009 A1:1 A2:2 A3:3 A4:4 Signature Question Statement (I): Otter boards in gill nets are used for horizontal opening. Statement (II): Floats and sinkers are used for vertical opening. In light of the above statements, choose the most appropriate answer from the options given below. 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. 2009 A1:1 A2:2 A3:3 A4:4 Dijective Question
A1:1 A2:2 A3:3 A4:4 Cobjective Question Statement (I): Otter boards in gill nets are used for horizontal opening. Statement (II): Floats and sinkers are used for vertical opening. In light of the above statements, choose the <i>most appropriate</i> answer from the options given below. 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.
A2:2 A3:3 A4:4 Cobjective Question Statement (I): Otter boards in gill nets are used for horizontal opening. Statement (II): Floats and sinkers are used for vertical opening. In light of the above statements, choose the <i>most appropriate</i> answer from the options given below. 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.
Objective Question 85 3185 Given below are two statements: Statement (I): Otter boards in gill nets are used for horizontal opening. Statement (II): Floats and sinkers are used for vertical opening. In light of the above statements, choose the <i>most appropriate</i> answer from the options given below. 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.
Objective Question Signature Statement (I): Otter boards in gill nets are used for horizontal opening. Statement (II): Floats and sinkers are used for vertical opening. In light of the above statements, choose the <i>most appropriate</i> answer from the options given below. 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.
Objective Question Statement (I): Otter boards in gill nets are used for horizontal opening. Statement (I): Otter boards in gill nets are used for horizontal opening. Statement (II): Floats and sinkers are used for vertical opening. In light of the above statements, choose the <i>most appropriate</i> answer from the options given below. In Both Statement (I) and Statement (II) are true. Objective Question A.0 1.00
Given below are two statements: Statement (I): Otter boards in gill nets are used for horizontal opening. Statement (II): Floats and sinkers are used for vertical opening. In light of the above statements, choose the <i>most appropriate</i> answer from the options given below. 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.
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Statement (II): Floats and sinkers are used for vertical opening. In light of the above statements, choose the <i>most appropriate</i> answer from the options given below. 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.
 In light of the above statements, choose the <i>most appropriate</i> answer from the options given below. Both Statement (I) and Statement (II) are true. Both Statement (I) and Statement (II) are false. Statement (I) is true but Statement (II) is false.
 Both Statement (I) and Statement (II) are true. Both Statement (I) and Statement (II) are false. Statement (I) is true but Statement (II) is false.
 Both Statement (I) and Statement (II) are false. Statement (I) is true but Statement (II) is false.
3. Statement (I) is true but Statement (II) is false.
4. Statement (I) is false but Statement (II) is true.
A1:1
A2:2
A3:3
A4:4
Objective Question 4.0 1.00

Given below are two statements:

Statement (I): Fish marinates are preserved in a mixtures acetic acid and salt.

Statement (II): Scromboid food borne illness may occur due to eating the tuna.

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

- 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.

A1:1

A2:2

A3:3

A4:4

Objective Question

87 3187

Match List-I with List-II

4.0 1.00

	List-I		List-II		
- 1	(Disease symptoms due to toxins)	(Causative factor)			
(A)	Amnesic shellfish poisoning (ASP)	(I)	Alexandrium catenella		
(B)	Diarrheal shellfish poisoning (DSP)	(II)	Karenia brevis		
(C)	Neurotoxic shellfish poisoning (NSP)	(III)	$C_{44}H_{68}O_{13}$		
(D)	Paralytic shellfish poisoning (PSP)	(IV)	Domoic acid		

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

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

A1:1

A2:2

		A3:3			
		A4:4			
		,,,,,			
	ctive Ques	stion		4.0	1.00
88	3188		n below are two statements, one is labelled as $Assertion(A)$ and other one labelled $eason(R)$.	4.0	1.00
		Asse	rtion (A): Life buoy is a life safety appliance.		
		Reas	son (R): It is designed to be thrown to a person in water, to provide buoyancy and prevent drowning.		
		In light	ght of the above statements, choose the <i>correct</i> answer from the options given w.		
		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			
Obje	ctive Ques	stion			
89	3189	Acce	eptable limit of Total Volatile Base Nitrogen (TVB-N) in fish muscle is :	4.0	1.00
		1.	35-40 mg/100g		
		2.	30-35g/100g		
		3.	25-30mg/100g		
		4.	40-45mg/100g		
		A1:1			
		A2:2			
		A3:3			
		A4:4			
Obje	ctive Ques	stion			
90	3190			4.0	1.00

7/10/23, 12:19 PM 185_B1_Live_FISHERIESSCIENCE_1-120.html Arrange steps involved in ATP breakdown during post-mortem changes in fish. (A) AMP-IMP-ATP-ADP-(B) Inosine-Hypoxanthine-(D) Xanthine-Uric Acid-Choose the correct answer from the options given below: 1. (D), (B), (C), (A).2. (C), (B), (A), (D).(B), (A), (C), (D).3. (C), (B), (D), (A).4. A1:1 A2:2 A3:3 A4:4

bjective Que 1 3191	SIGNI	4.0	1.00
1 3191	What are the prerequisite programs of HACCP to practice in fish processing industry?	4.0	1.00
	(A) Fishing		
	(B) GMP		
	(C) SSOP		
	(D) Pest control program		
	Choose the <i>correct</i> answer from the options given below:		
	1. (B), (C) and (D) only.		
	2. (A), (B) and (D) only.		
	3. (A), (B), (C) and (D).		
	4. (B) and (C) only.		
	A1:1		
	A2:2		
	A3:3		

		A4:4			
Obje	ctive Ques	tion			1
92	3192		of the food spoilgae pathogens are:	4.0	1.00
		1.	Psychrophiles		
		2.	Thermophiles		
		3.	Mesophiles		
		4.	Psychrotrophs		
		A1:1			
		A2:2			
		A3:3			
		A4:4			
Ohie	ctive Ques	tion			
93	TCBS agar is used for the isolation of :				1.00
		1.	Aeromonas hydrophila		
		2.	Vibrio cholerae		
		3.	Escherichia coli		
		4.	Listeria monocytogenes		
		A1:1			
		A2:2			
		A3:3			
		A4:4			
Obie	ctive Ques	tion		<u> </u>	<u> </u>
94	3194		22000 refers to which of the following ?	4.0	1.00
		1.	QMS		
		2.	HACCP		
		3.	FSMS		
		4.	NABL		
		A1:1			
		A2 · 2			

A3:3
A4:4

Objective Question
95 | 3195 | 4.0 | 1.00

- Pink spoilage in salted fish is caused by:
- 1. Sarcina
- 2. Serriata
- 3. Sporendonema
- 4. Micrococcus

A1:1

A2:2

A3:3

A4:4

Objective Question

96 3196

Match List-II with List-II

4.0 1.00

	List-I		List-II
(A	mino acid)	(Nature of amino acid)	
(A)	Methionine	(I)	Predominate amino acid in fish
(B)	Glycine	(II)	Non-protein amino acid
(C)	Taurine	(III)	Simple amino acid
(D)	Lysine	(IV)	Sulfur containing amino acid

Choose the ${\it correct}$ answer from the options given below:

3.
$$(A) - (IV), (B) - (I), (C) - (II), (D) - (III)$$

A1:1

A2:2

A3:3

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		A4:4			
Ohie	ctive Ques	stion		<u> </u>	
97	3197		ement (I): Seine net is very long net, designed to surround the fish school.	4.0	1.00
		State	ement (II): Beach seine is known as round haul seine.		
		In light of the above statements, choose the <i>correct</i> answer from the options given below.			
		1.	Both Statement (I) and Statement (II) are true.		
		2.	Both Statement (I) and Statement (II) are false.		
		3.	Statement (I) is true and Statement (II) is false.		
		4.	Statement (I) is false and Statement (II) is true.		
		A1:1			
		A2:2			
		A3:3			
		A4:4			
Obje	ctive Ques	stion			
98	3198	Whi	ch is the specific spolilage organism in fresh fish ?	4.0	1.00
		1.	Shewanella		
		2.	Shigella		
		3.	Staphylococcus		
		4.	Aeromonas		
		A1:1			
		A2:2			
		A3:3			
		A4:4			
Obie	ctive Ques	stion			
99	3199			4.0	1.00

7/10/23, 12:19 PM 185_B1_Live_FISHERIESSCIENCE_1-120.html Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R). **Assertion (A):** Any message prefixed with MAYDAY concern safety. Reason (R): It indicates that a ship, aircraft, or other vehicle is threatened by grave and imminent danger and request immediate assistance. 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 100 3200 4.0 1.00 Which is the responsible organism for listeriosis? 1. Listeria ivanovii 2. L. grandensis 3. L. monocytogenes L. seeligeri 4. A1:1 A2:2 A3:3 A4:4 Objective Question 101 3201 4.0 1.00

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Match List-I with List-II

	List-I		List-II
	(Fatty acid)		(Function)
(A)	Linolenic acid	(I)	Eye and brain health
(B)	Alpha Linoleic acid (ALA)	(II)	Heart health
(C)	Eicosapentaenoic acid (EPA)	(III)	Omega – 6 fatty acid
(D)	Docosahexaenoic acid (DHA)	(IV)	Essential fatty acid

Choose the correct answer from the options given below:

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

A1:1

A2:2

A3:3

A4:4

Obje	ctive Ques	tion			1.00	
102	3202	An additive used to control fungal infestation in dry fish:				
		1.	Sorbitol			
		2.	Polyphosphate			
		3.	Citric acid			
		4.	Potassium sorbate			
		A1:1				
		A2:2				
		A3:3				
		A4:4				
Obje	ctive Ques	tion				
103	3203			4.0	1.00	

Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R). Assertion (A): Rigor mortis is caused by the breakdown of the glycogen of the muscle into lactic acid. Reason (R): It is a sign of freshness. 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 3204 4.0 1.00 Name the sensory method recommended for fish quality testing in fish landing centers? 1. Deo-trio test 2. Torry scheme 3. FSSAI grading EU grading 4. A1:1 A2:2 A3:3 A4:4 Objective Question 105 3205 4.0 1.00

		Whic	th is the authorized body to issue the health certificate for seafoods?		
		1.	MPEDA		
		2.	FSSAI		
		3.	EIA		
		4.	BIS		
		A1:1			
		A2:2			
		A3:3			
		A4:4			
		A4.4			
	ctive Ques	tion		4.0	1.00
100	3200	Wha	t is the annual fishing mortality rate, if the fishing effort is 8000 vessels and ability coefficient is 5×10^{-4} per vessel per year?	4.0	1.00
		1.	2.0		
		2.	4.0		
		3.	1.6		
		4.	3.2		
		A1:1			
		A2:2			
		A3:3			
		A5.5			
		A4:4			
Obje	ctive Ques	tion			
107	3207			4.0	1.00

		Choo	se the non-parametric tests among the following:		
		(A)	Mann-Whitney test		
		(B)	Pearson correlation		
		(C)	Spearman's rank correlation		
		(D)	t-test		
		(E)	The Wilcoxon signed-rank test		
		Choo	se the <i>correct</i> answer from the options given below:		
		1.	(A), (C) and (D) only.		
		2.	(A), (C) and (E) only.		
		3.	(B), (D) and (E) only.		
		4.	(B), (C) and (E) only.		
		A1:1			
		A2:2			
		A3:3			
		A4:4			
Obje	ctive Quest	ion			
	3208		nich of the following distribution, mean is equal to variance ?	4.0	1.00
		1.	t distribution		
		2.	Poisson distribution		
		3.	Binomial distribution		
		4.	Chi-square distribution		
		A1:1			
		A2:2			
		A3:3			
		A4:4			
Obie	ctive Quest	ion			
	3209			4.0	1.00

		aquarium contains 4 goldfishes, 6 swordtails and 10 tetras. What is the probability a fish randomly selected is a goldfish or a tetra?		
	1.	2/7		
	2.	5/7		
	3.	7/10		
	4.	1/4		
	A1:1			
	A2:2			
	A3:3			
	A4:4			
Objective Qu	estion			
110 3210		nge the following acts chronologically starting from the earliest to the latest of their duction.	4.0	1.00
	(A)	The Biological Diversity Act		
	(B)	Environment (Protection) Act		
	(C)	Indian Fisheries Act		
	(D)	Coastal Aquaculture Authority Act		
	(E)	Wildlife (Protection) Act		
	Cho	ose the <i>correct</i> answer from the options given below:		
	1.	(C), (E), (A), (B), (D).		
	2.	(B), (C), (E), (D), (A).		
	3.	(C), (E), (B), (D), (A).		
	4.	(C), (E), (B), (A), (D).		
	A1:1			
	A2:2			
	A3:3			
	A4:4			
Objective Qu	estion			1.00
111 3211			4.0	1.00

Match List-I with List-II

	List-I		List-II
	(Scientist)		(Concept)
(A)	Rogers and Shoemaker	(I)	Intelligence
(B)	Daniel Benor	(II)	Communication
(C)	Edgar Dale	(III)	Training and Visit
(D)	Wechsler	(IV)	Cone of Experience

Choose the correct answer from the options given below:

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

A1:1

A2:2

A3:3

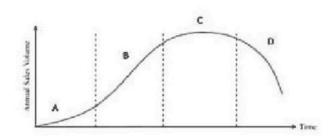
A4:4

	ctive Que	511011		4.0	1.00
112	Which two groups of people together constitute the maximum percentage share in product adoption process?				1.00
		1.	Innovators and Early majority		
		2.	Early majority and Late majority		
		3.	Early adopters and Early majority		
		4.	Late majority and Laggards		
		A1:1			
		A2:2			
		A3:3			
		A4:4			
bje	ctive Que	stion			
13	3213			4.0	1.00

	Which is the basic unit of rural society?				
	1. Village				
	2.	Community			
	3.	Population			
	4.	Family			
	63.63				
	A1:1				
	A2:2				
	A3:3				
	A4:4				
Objective Que	estion		4.0	1.00	
114 3214	A navigation journey flagged off in March 2022 from Mandvi to disseminate fisheries schemes to coastal and, promoting sustainable fisheries and protection of marine ecosystems:				
	1.	Sagar Nidhi			
	2.	Sagar Mitra			
	3.	Sagar Parikrama			
	4.	Sagar Matsyajeevi			
	A1:1				
	A2:2				
	A3:3				
	A4:4				
Objective Que	estion				
115 3215	'CA	DALMIN' is the trademark of:	4.0	1.00	
	1.	ICAR-CMFRI			
	2.	ICAR-CIBA			
	3.	Fishery Survey of India			
	4.	National Institute of Oceanography			
	A1:1				
	A2:2				

	A3:3			
	A4:4			
Objective Que			4.0	1.00
	Larg	est market for Indian frozen shrimp exports during 2021-22 is:		
	1.	Thailand		
	2.	United States of America		
	3.	Japan		
	4.	China		
	A1:1			
	A2:2			
	A3:3			
	A4:4			
Objective Que	stion		<u> </u>	
117 3217	Give	en below are two statements:	4.0	1.00
	State	ement (I): Monopsony is a perfect competition.		
	State	ement (II): Monopoly is an imperfect competition.		
		ght of the above statements, choose the <i>most appropriate</i> answer from the options in below.		
	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.		
	A1:1			
	A2:2			
	A3:3			
	A4:4			
Objective Over	ction			
Objective Que 118 3218	511011		4.0	1.00

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



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

A1:1

A2:2

A3:3

A4:4

Ohiective	Question

Breakeven point is the ratio of which of the following cost to contribution margin per unit?

4.0 1.00

- 1. Capital cost
- Variable cost
- Fixed cost
- Product of capital cost and variable cost

A1:1

A2:2

A3:3

A4:4

Objective Question

120 3220

4.0 1.00

TRI	PS, associated with WTO stands for :	
1.	Tariff-Related Aspects of Intellectual Property Rights	
2.	Trade-Related Aspects of International Property Rights	
3.	Trade-Related Aspects of Intellectual Property Rights	
4.	Tourism-Related Intellectual Property Rights	
A1:1		
A2:2		
A3:3		
A4:4		