

PREVIEW QUESTION BANK

Module Name : Fishing Technology and Engineering-ENG
Exam Date : 09-Jul-2023 Batch : 14:30-16:30

Sr. No.	Client Question ID	Question Body and Alternatives	Marks	Negative Marks
Objective Question				
1	2001	Which one of the following is not one of the features of parliamentary form of government? 1. Majority party rule 2. Collective Responsibility 3. Integrated and Independent Judiciary 4. Dissolution of the lower house A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
2	2002	Which of the following term implies that 'India is a neither a dependency nor a dominion of any other nation'? 1. Socialist 2. Sovereign 3. Secular 4. Democratic A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
3	2003	Which of the following form the maximum water composition on the earth's surface? 1. Oceans 2. Ice caps 3. Glaciers 4. Lakes A1 : 1 A2 : 2	4.0	1.00

		A3 : 3		
		A4 : 4		
Objective Question				
4	2004	Which one of the following does not fall under the category of 'biomes? 1. Forest 2. Sky 3. Desert 4. Grassland A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
5	2005	IUCN publishes information about which of the following species as Red List of threatened species? 1. Endangered Species 2. Vulnerable Species 3. Extinct Species 4. Rare Species A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
6	2006	Who was the first Indian to win an individual medal in Olympics? 1. Milkha Singh 2. Karnam Malleshwari 3. P. T. Usha 4. K. D. Jadhav A1 : 1 A2 : 2 A3 : 3	4.0	1.00

		A4 : 4		
Objective Question				
7	2007	Who among the following reformers founded "Arya Samaj"? 1. Raja Ram Mohan Roy 2. Swami Dayananda Saraswati 3. Atmaram Pandurang 4. Ishwarchandra Vidyasagar A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
8	2008	What does "Triratna" mean in Buddhism? 1. Tripitaka 2. Buddha, Dhamma (dharma), Sangha 3. Satya, Ahimsa, Karuna 4. Sheel, Samadhi, Sangha A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
9	2009	Who started the Indian Reforms Association? 1. Narayan Guru 2. Swami Vivekananda 3. Krishna swami Aiyar 4. Keshav Chandra Sen A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				

10	2010	Consider the following statements (A). UN General Assembly has declared 2023 as the international year of millets (B). Odisha govt. ropes in FICCI to promote millets globally (C). Odisha Millets Mission is a flagship programme of the Odisha government to revive millets in farms and on plates Choose the correct answer from the options given below: 1. (A) and (B) only. 2. (B) and (C) only. 3. (A) and (C) only. 4. (A), (B) and (C). A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

11	2011	Phomopsis blight occurs in which of the following crops? 1. Brinjal 2. Bajra 3. Sugarcane 4. Potato A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

12	2012	Endemic pests can be described as? 1. Pest occurs in a few specific area. 2. Pest occurs in same area, year after year. 3. Pest occurs frequently in current season in abundance. 4. Pest occurs in severe form. A1 : 1 A2 : 2 A3 : 3	4.0	1.00
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A4 : 4

Objective Question

13	2013	Which country is the largest producer of raw silk? 1. Japan 2. India 3. China 4. South Korea A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

14	2014	Transfer of Ownership is the example of which utility..... 1. Time utility 2. Place utility 3. Possession utility 4. Form utility A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

15	2015	What happens to the total number of chromosomes during mitotic cell division? 1. gets doubled 2. gets halved 3. remains the same 4. divides into four A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

16	2016	What is the minimum forest cover to be maintained as per the National Forest Policy, 1988? 1. One-half 2. One-third 3. One-fourth 4. Two-third A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

17	2017	Who among the following is known as the "Father of Agronomy"? 1. Stephen Hales 2. Gregor Johann Mendel 3. Peter Decresenzi 4. D N Walia A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

18	2018	Which of the following plant hormones helps in shoot elongation? 1. Auxin 2. Gibberellic acid 3. Absciscic acid 4. Cytokinin A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

19	2019		4.0	1.00
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		Select from the following the chemical property of soil..... 1. Colour 2. pH 3. Texture 4. Structure A1 : 1 A2 : 2 A3 : 3 A4 : 4		
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Objective Question

20	2020	The process of separating quality grains from chaff is called as..... 1. Winnowing 2. Threshing 3. Harvesting 4. Tilling A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

21	121001	Given below are two statements: Statement (I): All whales are dolphins. Statement (II): All dolphins are whales. 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	4.0	1.00
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Objective Question				
22	121002	'Super red monkey' is a variety of which ornamental fish? 1. Gold fish 2. Flowerhorn cichlid 3. Seahorse 4. Damsel fish A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00

Objective Question				
23	121003	Specialised cells present in gills of teleosts that help in osmoregulation are 1. Cyanocytes 2. Neuromasts 3. Chloride cells 4. Mauthner cells A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00

Objective Question				
24	121004	Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R). Assertion (A) : Groupers are protogynous hermaphrodites. Reason (R) : Groupers first function as females and later transform into males. In light of the above statements, choose the <i>correct</i> 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	4.0	1.00

Objective Question

25	121005	Y-organ in crustaceans is the source of 1. Moulting hormone 2. Moulting-inhibiting hormone 3. Vitellogenesis inhibiting hormone 4. Crustacean hyperglycemic hormone A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

26	121006	Direct development is seen in which of the following group of molluscs? 1. Mussels 2. Gastropods 3. Oysters 4. Cephalopods A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

27	121007	Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R). Assertion (A) : The fish heart is called venous heart. Reason (R) : Fish heart pumps only deoxygenated blood as blood does not return to heart after oxygenated in gills. In light of the above statements, choose the <i>correct</i> 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	4.0	1.00
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		A4 : 4		
Objective Question				
28	121008	Which of the following is <i>NOT</i> qualified in the Myers' 2000 edition of the biodiversity hotspot map of India? 1. Western ghats 2. Sunderban 3. Sundaland 4. Indo-Burman region A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
29	121009	'MAB' a programme launched by UNESCO, stands for 1. Marine Biodiversity 2. Man and the Bioversity 3. Man and the Biosphere 4. Marine Algal Bloom A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
30	121010	Arrange the following lakes starting from the northernmost to the southernmost part of India (A). Pulicat (B). Lower Lake (C). Dal (D). Ashtamudi (E). Chilika Choose the correct answer from the options given below: 1. (C), (B), (E), (A), (D). 2. (A), (C), (D), (E), (B). 3. (C), (B), (D), (A), (E). 4. (D), (E), (A), (B), (C). A1 : 1	4.0	1.00

A2 : 2

A3 : 3

A4 : 4

Objective Question

31	I21011	Given below are two statements: Statement (I): Coral reefs cover only about 0.2% of the seafloor. Statement (II): Coral reefs support at least 25% of marine species. 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. - Statement (I) is false but Statement (II) is true. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

32	I21012	Identify the fish species given in the picture  <i>Scomberomorus guttatus</i> <i>Euthynnus affinis</i> <i>Thunnus albacares</i> <i>Katsuwonus pelamis</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

33	I21013		4.0	1.00
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Match **List-I** with **List-II**

List-I	List-II
(Fish species)	(State)
(A). <i>Neolissochilus hexagonolepis</i>	(I). Manipur
(B). <i>Ompok bimaculatus</i>	(II). Nagaland
(C). <i>Osteobrama belangeri</i>	(III). Mizoram
(D). <i>Semiplotus modestus</i>	(IV). Tripura

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

34 I21014

4.0 1.00

The most abundant primary greenhouse gas in the Earth's atmosphere is

1. Carbon dioxide
2. Ozone
3. Water vapour
4. Nitrous oxide

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

35 I21015

4.0 1.00

Which one of the United Nations Sustainable Development Goals deals with 'Life below Water'?

1. Sustainable Development Goal 2
2. Sustainable Development Goal 6
3. Sustainable Development Goal 12
4. Sustainable Development Goal 14

A1 : 1

		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

36	I21016	Which of the following amino acid is found in high amount in a fish? 1. Lysine 2. Alanine 3. Tryptophan 4. Valine A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

37	I21017	Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R). Assertion (A) : Freshwater fishes have low EPA and DHA than marine fishes. Reason (R) : Marine fishes feed on zooplankton rich in PUFA where as freshwater fishes feed on plants and vegetation. In light of the above statements, choose the <i>correct</i> 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 and (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	4.0	1.00
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Objective Question

38	I21018		4.0	1.00
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Lipid oxidation is initiated by which of the following enzymes?

- (A). Lipases
- (B). Lipoxygenases
- (C). Lipoproteinases
- (D). Peroxidases
- (E). Microbial enzymes from animal sources

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

39	121019	Given below are two statements: Statement (I): Free radical scavengers inhibit lipid oxidation Statement (II): Free radical scavengers react faster with free radicals than free radicals with unsaturated fatty acids 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	4.0	1.00
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Objective Question

40	121020	Application of a layer of ice coating to frozen fish is 1. Blanching 2. Glazing 3. Trimming 4. Thawing	4.0	1.00
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		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

41	121021	In a fish can, the swell in which the ends are permanently distended is called 1. Flipper 2. Springer 3. Hard swell 4. Soft swell A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

42	121022	The product prepared by digestion of fish using proteolytic enzyme at optimum temperature and time is 1. Fish meal 2. Fish Protein Hydrolysate 3. Marine beef 4. Fish paste A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

43	121023	The following component of batter helps in releasing carbon dioxide 1. Xanthan 2. Tartaric acid 3. Egg albumin 4. Milk A1 : 1 A2 : 2	4.0	1.00
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A3 : 3

A4 : 4

Objective Question

44	121024	Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R). Assertion (A) : Presence of air in steam reduces efficiency of retort. Reason (R) : Air is heavier than steam and tends to settle below steam. In light of the above statements, choose the <i>correct</i> answer from the options given below. - Both (A) and (R) are true and (R) is the correct explanation of (A). - Both (A) and (R) are true and (R) is not the correct explanation of (A). (A) is true but (R) is false. (A) is false but (R) is true. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

45	121025	Which of the following can be used to prevent drip loss? (A). Potassium dihydrogen phosphate (B). Sodium tripolyphosphate (C). Maleate (D). Sodium dihydrogen phosphate (E). Sodium chloride Choose the correct answer from the options given below: (A), (C), (D),and (E) only. (A), (B), (C) and (D) only. (A), (B), (D), and (E) only. (B), (C), (D), and (E) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

46	121026	Which of the following are Specific spoilage microorganisms (SSO) in iced fish? (A). <i>Photobacterium phosphoreum</i> (B). <i>Pseudomonas</i> spp (C). <i>Shewanella putrefaciens</i> (D). <i>Aeromonas hydrophila</i> (E). <i>Clostridium botulinum</i> Choose the correct answer from the options given below: 1. (A), (B) (C) and (D) only. 2. (A), (B) and (C) only. 3. (B), (C) and (D) only. 4. (B) and (C) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

47

121027

4.0

1.00

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

List-I	List-II
(A). Monosaccharide	(I). Maltose
(B). Oligosaccharides	(II). Distarch adipate
(C). Stabilised Starch	(III). Triose
(D). Cross linked starch	(IV). Starch acetate

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

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

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

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

48	121028		4.0	1.00
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Match **List-I** with **List-II**

List-I	List-II
A. Block ice	I. 2-3 mm
B. Flake ice	II. 0.2-1.3 mm
C. Tube ice	III. 125-450 mm
D. Slush ice	IV. 10-12 mm

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

49 121029

4.0 1.00

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

List-I	List-II
A. Phenolic enamel	I. Epichlorohydrin and bisphenol
B. Epoxy enamel	II. Copolymerisation of vinyl chloride and vinyl acetate
C. Polyester enamel	III. Reaction of phenol and formaldehyde
D. Vinyl Lacquer	IV. Esterification of polycarboxylic acid with polyhydric alcohols

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

50

121030

4.0

1.00

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

List-I	List-II
A. Under processing	I. Chemical spoilage
B. Internal corrosion	II. Physical spoilage
C. Faulty retort	III. Miscellaneous
D. Rust	IV. Microbial spoilage

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

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

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

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

51	121031	Pump-fed aqua farms are best suited for 1. Semi-intensive culture system 2. Semi-intensive and intensive culture system 3. Intensive culture system 4. Extensive culture system A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

52	121032	The most common timber for dug-out canoes 1. <i>Mangifera indica</i> 2. <i>Tectona hamiltoniana</i> 3. <i>Tectona grandis</i> 4. <i>Palaquium spp.</i> A1 : 1	4.0	1.00
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		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

53	I21033	An all-around white light is expected to be displayed by a small boat length 1. up to 7m long 2. up to 10ft long 3. up to 7ft long 4. up to 10m long A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

54	I21034	Pair trawling is a fishing activity carried out by 1. Four boats with one towing each warp 2. Single boat with only one towing warp 3. Three boats with one towing each warp 4. Two boats with one towing each warp A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

55	I21035	A vapour compression heat pump has 1. Condenser, evaporator, and compressor 2. Condenser, expansion valve and compressor 3. Receiver, evaporator, and compressor 4. Receiver, expansion valve and compressor A1 : 1 A2 : 2	4.0	1.00
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		A3 : 3		
		A4 : 4		

Objective Question

56	I21036	The following water pumps, with their usual range of operation, are ideal in almost all brackishwater fish farms or ponds 1. Radial-flow propeller pump with TDH of up to 6.5 m 2. Axial-flow propeller pump with TDH of up to 7.5 m 3. Mixed-flow propeller pump with TDH of up to 4.5 m 4. Deep-well turbine pump TDH of up to 4.5 m A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

57	I21037	Out-trigger canoes are used for fishing in 1. West Bengal 2. Andhra Pradesh 3. Andaman and Nicobar Islands 4. Kerala A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

58	I21038	NAVSTAR stands for 1. Navigation with System Timing and Ranging 2. Nautical with Satellite Timing and Ranging 3. Navigational System Tracking and Range 4. Nautical with System Timing and Ranging A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

59	I21039	Given below are two statements: Statement (I): Purse seining is a non-selective fishing method. Statement (II): Currently, no regulations exist for minimising the bycatch of protected species in purse seine fisheries. 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 correct. - Both Statement (I) and Statement (II) are in correct. - 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	4.0	1.00
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Objective Question

60	I21040	The leakage in the refrigeration system using freon is detected by - Sulphur sticks - Acetylene torch - Halide torch - Soap water A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

61	I21041	A universal process of change in community composition on an ecological time scale is called - Displacement - Evolution - Succession - Extinction A1 : 1 A2 : 2 A3 : 3	4.0	1.00
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		A4 : 4		
Objective Question				
62	121042	Biodiversity index, which measures the probability that two individuals randomly selected from a sample will belong to same species, is 1. Shannon diversity index 2. Pielou Evenness index 3. Manon index 4. Simpson index A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
63	121043	Bioaugmentation involves 1. Eliminating sludge 2. Plants usage for bioremediation 3. Addition of microbes to a clean-up site 4. Bioventing A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
64	121044	The highest dose that has no harmful effect on a population is known as 1. NOAEL 2. NOEL 3. NOAL 4. NOPA A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00

Objective Question

65	I21045	Where is the Secretariat of the Organization for Economic Co-operation and Development (OECD)? 1. Tokyo, Japan 2. London, UK 3. Paris, France 4. New York, USA A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

66	I21046	Genetically different population with the same physical features is known as 1. Ecosystem 2. Ecads 3. Community 4. Ecotype A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

67	I21047	All of the following species are considered coliforms, EXCEPT 1. <i>Enterobacter aerogenes</i> 2. <i>Klebsiella pneumoniae</i> 3. <i>Salmonella typhi</i> 4. <i>Escherichia coli</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

68	121048	In the context of the environment the term "dirty dozen" refers to 1. 12 Ozone layer depleting substances 2. 12 persistent organic pollutants 3. 12 most harmful greenhouse gases 4. 12 most degraded ecosystems A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

69	121049	ISO 14000 standards are for the 1. Quality Management System 2. Environmental Management System 3. Administration 4. Supply chain A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

70	121050	The first EIA notification was promulgated by the then Ministry of Environment and Forests in the year of 1. 1986 2. 1991 3. 1994 4. 2006 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

71	1002601		4.0	1.00
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		Trawl simulation software developed by the French Research Institute is 1. Trawl Vision PRO 2. SimuTrawl 3. DynamiT 4. AcruxSoft A1 : 1 A2 : 2 A3 : 3 A4 : 4		
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Objective Question

72	1002602	The propeller RPM is calculated from 1. The complete engine rpm multiplied by the gearbox ratio 2. The complete engine rpm divided by the gearbox ratio 3. The total engine rpm minus gearbox ratio 4. The total engine rpm plus gearbox ratio A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

73	1002603	The oldest means of attracting fish, and it is still in widespread use today 1. FAD 2. Maze net 3. Bait 4. Anode & Cathode A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

74	1002604		4.0	1.00
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Which of the following does not relate to a spark ignition engine?

1. Spark plug
2. Ignition coil
3. Carburetor
4. Fuel injector

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

75	1002605	Coracles used to catch the fish in 1. Reservoir 2. BackWater 3. Lake 4. Pond A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

76	1002606	The mathematical principle involved in GPS is 1. Graphical Resection 2. Analytical Resection 3. Trilateration 4. Triangulation A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

77	1002607		4.0	1.00
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Match **List-I** with **List-II**

List-I	List-II
(A).Port side	(I). Greenlight
(B). Tex system	(II) Aft end of the ship
(C). Stern	(III). The international numbering system
(D). Starboard side	(IV). Red light

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

78	1002608	In the design and installation of trawler propellers, the tip-to-hull clearance can be as little as 1. 8 to 10 % of propeller diameter. 2. 11 to 15 % of propeller diameter 3. 18 to 20% of propeller diameter 4. 3 to 6 % of propeller diameter A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

79	1002609		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) : The apron in the codend cover is provided with large meshes made of thicker twines.

Reason (R) : It is provided to protect the net from the rough bottom, particularly with the catch.

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 an incorrect explanation of (A).
2. Both (A) and (R) are true but (R) is 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

80	1002610	The quantity of heat required to transfer to the ice at 0°C to change it to water at the same temperature is called 1. The sensible heat of water/ice. 2. The Specific heat water/ice 3. Latent heat of vaporisation. 4. Latent heat of fusion of water/ice. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

81	1002611	The pair of devices used to open the trawl mouth horizontally is called 1. Derricks 2. Otter boards 3. Gandry 4. Winches A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question				
82	1002612	The vertical distance from the centre of gravity to the metacentre is called. 1. Centre of Floatation 2. Centre of Gravity 3. Metacentric Height 4. Centre of Buoyancy A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
83	1002613	A program for conducting surveillance of fishing vessels 1. GPS 2. VMS 3. ARPA 4. ATA A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
84	1002614	JEE-SSD is an innovative award-winning gear which is designed and developed by 1. ICAR-CMFRI 2. CIFTNET 3. ICAR-CIFT 4. ICAR-CIFE A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
85	1002615		4.0	1.00

What is the amount of heat that needs to be supplied in order to evaporate 10kg of water from a mass of 50kg at a temperature of 25°C to a final temperature of 100°C? If Latent heat of vaporization of water = 2,260 kJ/kg & Specific heat capacity = 6 KJ/Kg K

1. 52600 KJ
2. 56200 KJ
3. 2272.6 MJ
4. 45100 KJ

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

86	1002616	A device that is used to determine the current position of the rudder blade. 1. Rate of Turn Indicator 2. Rudder Angle Indicator 3. Forecastle Bell 4. Radar A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

87	1002617	In general, the towline in purse seine is 1. 75% of the length of the purse seine 2. 50% of the length of the purse seine 3. 25% of the length of the purse seine 4. 15% of the length of the purse seine A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

88	1002618		4.0	1.00
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		A depth conversion scale is placed 1. Inside the neat- line on the chart 2. Topside the neat- line on the chart 3. Bottom side of the neat- line on the chart. 4. Outside the neat- line on the chart A1 : 1 A2 : 2 A3 : 3 A4 : 4		
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Objective Question

89	1002619	Paralysis of fish due to the high intensity of the current is termed as 1. Electrolysis 2. Electrocutation 3. Electro narcosis 4. Positive phototaxis A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

90	1002620	One of the following is not a type of evaporator 1. Forced Circulation 2. Natural Circulation 3. Nucleate Boiling 4. Gasketed evaporators A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

91	1002621		4.0	1.00
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SART stands for

1. Sustained Attention Response To Task
2. Search And Rescue Team
3. Search And Rescue Transponder.
4. State Agricultural Response Team

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

92	1002622	The embankment slope (horizontal to vertical) in loamy or sandy soil should be 1. 1:1 2. 2: 1 3. 3:1 4. 4:1 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

93	1002623	Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R). Assertion (A) : The working principle of hydraulic fish lifting is different from that of mechanical lifting. Reason (R) : As it is the water that is lifted directly and not the fish. In light of the above statements, choose the <i>correct</i> answer from the options given below. 1. Both (A) and (R) are true and (R) is an incorrect explanation of (A). 2. Both (A) and (R) are true but (R) is 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	4.0	1.00
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Objective Question				
94	1002624	The scope ratio in shallow water beyond 20 m depth is 1. 1:2 2. 1:3 3. 1:4 4. 1:5 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
95	1002625	The services offered by GPS 1. Positioning, Navigation and Timing 2. Pollution, Navigation and Temperature. 3. Position, Navigation and Temperature 4. Position, Network and Timing A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
96	1002626	What is the refrigerant number of Water? 1. R – 717 2. R – 744 3. R – 118 4. R – 100 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
97	1002627		4.0	1.00

		Distress and calling signals are always operated in 1. Simplex mode 2. Duplex mode 3. Semi-duplex mode 4. Fixed duplex mode A1 : 1 A2 : 2 A3 : 3 A4 : 4		
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Objective Question

98	1002628	The otter boards used for midwater trawling for krill and mesopelagic fish are known as 1. Rectangular curved boards 2. Polyvalent boards 3. V-form boards 4. Thyboron boards A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

99	1002629	The SI unit of electrical resistivity is the 1. Siemens per metre (S/m) 2. Ohm-meter ($\Omega \cdot m$) 3. Volts 4. Current A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

100	1002630		4.0	1.00
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Given below are two statements:

Statement (I): The hull of a ship is the most notable structural entity of the ship.

Statement (II): it can be said that it is the watertight enclosure of the ship that protects the cargo, machinery, and accommodation spaces of the ship from the weather, flooding, and structural damages.

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

101	1002631	The most common horizontal hanging coefficient on float line in purse seine is 1. 0.7 2. 0.6 3. 0.5 4. 0.4 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

102	1002632	Steam power was successfully used in towing a trawl for the first time in 1. 1977 2. 1917 3. 1877 4. 1817 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

103	1002633	The area of the otter board is determined by using the equation 1. $S = 0.005 P + 4$ 2. $S = 0.105 P + 2$ 3. $S = 0.005 P + 2$ 4. $S = 0.105 P + 4$ A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

104	1002634	The line used between the wings of the trawl and otter boards is called 1. Bolch line 2. Sweep line 3. Lead line. 4. Bridle A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

105	1002635	The part of the engine which transmits the reciprocating motion of the piston to the rotary motion of the crankshaft is 1. Piston 2. Cylinder head 3. Connecting rod 4. Crown A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

106	1002636		4.0	1.00
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To cut a triangular panel from a rectangular webbing, the formula is

1. $P/B = N/2N$.
2. $P/B = (L-N)/2N$
3. $B/P = 2N/N$
4. $B/P = 2N/2N$.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

107	1002637	Polar-orbiting satellites are generally placed at an altitude range of 1. 7-15km 2. 7000-15000km 3. 700-1500km 4. 70-150km A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

108	1002638	Given below are two statements: Statement (I): Bycatch is the total catch of non-target animals Statement (II): Discards are a subset of bycatch since the target species is often discarded 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 correct but Statement (II) is incorrect. 4. Statement (I) is incorrect but Statement (II) is correct. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question				
109	1002639	A signal made by any signalling method consisting of the group ... --- ... means 1. N.C 2. SOS 3. N.D 4. MAYDAY A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
110	1002640	The speed and the direction of the current often restrict the operation of 1. Purse seine 2. Gill net 3. Longline 4. Trawl net A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
111	1002641	Horizontally perpendicular to fore and aft i.e. square to the vessel's centreline is known as 1. Ballast Keel 2. Back of Stern Post 3. Athwartships 4. Astern A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
112	1002642		4.0	1.00

		A panel or panels of netting inserted inside the trawl to prevent or restrict the escape of fish from the aft part of the trawl 1. Flapper 2. Bosom 3. Belly 4. Throat A1 : 1 A2 : 2 A3 : 3 A4 : 4		
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Objective Question

113	1002643	The knot in the T-cut when undone gives 1. A clean mesh 2. A seam mesh 3. A fly mesh 4. A half mesh A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

114	1002644	The most common inorganic toxicant used in antifouling paint 1. Cuprous oxide 2. Tributyl tin oxide 3. Chlorothalonil, 4. Dichlofluanid A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

115	1002645		4.0	1.00
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The ratio of the submerged midship area to the product of the beam at the mixture and the draft of the ship is called as

1. Prismatic Coefficient
2. Waterplane Coefficient
3. Midship Coefficient
4. Block Coefficient

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

116	1002646	Modern marine turbochargers use what type of compressor? 1. Turbulent flow 2. Radial flow 3. Mixed flow 4. Axial flow A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

117	1002647	The ratio of the actual area of the waterplane to the product of the length and breadth of the ship is known as 1. Waterplane Coefficient 2. Prismatic Coefficient 3. Midship Coefficient 4. Block Coefficient A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

118	1002648		4.0	1.00
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		Two trawl gears towed with help of one boat side by side to target a mix of bottom living species 1. Bull Trawl 2. Twin Rig Trawl 3. HOBT 4. Butterfly trawl A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
119	1002649	The power generated in the engine cylinder and available at the top of the piston 1. Thermal Horse Power (THP) 2. Shaft Horse Power (SHP) 3. Indicated Horse Power (IHP) 4. Brake Horse Power (BHP) A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
120	1002650	The bottom trawling towing speed for shrimps generally ranges from 1. 1.5 knots to 2.0 knots. 2. 2.5 knots to 3.0 knots 3. 3.5 knots to 4.0 knots 4. 4.5 knots to 5.0 knots A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00