

169/2025

Question Booklet
Alpha Code

A

Question Booklet
Serial Number

Total No. of questions : 100

Time : 1 Hour 30 Minutes

Maximum : 100 Marks

INSTRUCTIONS TO CANDIDATES

1. The question paper will be given in the form of a Question Booklet. There will be four versions of question booklets with question booklet alpha code viz. A, B, C & D.
2. The Question Booklet Alpha Code will be printed on the top left margin of the facing sheet of the question booklet.
3. The Question Booklet Alpha Code allotted to you will be noted in your seating position in the Examination Hall.
4. If you get a question booklet where the alpha code does not match to the allotted alpha code in the seating position, please draw the attention of the Invigilator IMMEDIATELY.
5. The Question Booklet Serial Number is printed on the top right margin of the facing sheet. If your question booklet is un-numbered, please get it replaced by new question booklet with same alpha code.
6. The question booklet will be sealed at the middle of the right margin. Candidate should not open the question booklet, until the indication is given to start answering.
7. Immediately after the commencement of the examination, the candidate should check that the question booklet supplied to him contains all the 100 questions in serial order. The question booklet does not have unprinted or torn or missing pages and if so he/she should bring it to the notice of the Invigilator and get it replaced by a complete booklet with same alpha code. This is most important.
8. A blank sheet of paper is attached to the question booklet. This may be used for rough work.
9. **Please read carefully all the instructions on the reverse of the Answer Sheet before marking your answers.**
10. Each question is provided with four choices (A), (B), (C) and (D) having one correct answer. Choose the correct answer and darken the bubble corresponding to the question number using Blue or Black Ball-Point Pen in the OMR Answer Sheet.
11. **Each correct answer carries 1 mark and for each wrong answer 1/3 mark will be deducted. No negative mark for unattended questions.**
12. No candidate will be allowed to leave the examination hall till the end of the session and without handing over his/her Answer Sheet to the Invigilator. Candidates should ensure that the Invigilator has verified all the entries in the Register Number Coding Sheet and that the Invigilator has affixed his/her signature in the space provided.
13. Strict compliance of instructions is essential. Any malpractice or attempt to commit any kind of malpractice in the Examination will result in the disqualification of the candidate.

169/2025

Maximum : 100 marks

Time : 1 hour and 30 minutes

1. Pectoral fins of teleost fishes come under the classification of :
 - (A) Unpaired fins
 - (B) Paired fins
 - (C) Either paired or unpaired fins
 - (D) None of the above
2. Fishes which can tolerate wide range of salinity are grouped under :
 - (A) Eurythermal
 - (B) Stenohaline
 - (C) Euryhaline
 - (D) Stenothermal
3. Select the advantages of plant toxicants used in culture ponds from the following statements :
 - (A) After toxic effect, plant toxicants act as fertilizer
 - (B) Duration of toxic effect will last only for a few days
 - (C) The dead fish can be consumed
 - (D) All the above statements are correct
4. The reproductive organ of male penaeid shrimp is :
 - (A) Thelycum
 - (B) Pleopod
 - (C) Petasma
 - (D) Uropod
5. Transparency is the maximum depth upto which light penetrates into the culture pond water. The instrument used for measuring transparency is :
 - (A) Salinometer
 - (B) Thermometer
 - (C) DO meter
 - (D) Secchi disc
6. Optimum pH to be maintained in fish culture pond is :
 - (A) 7.5 – 8.5
 - (B) 3.5 – 4.5
 - (C) 2 – 3
 - (D) 10 – 11
7. Select an organic fertilizer from the following :
 - (A) Urea
 - (B) Cow dung
 - (C) Ammonium sulphate
 - (D) Super Phosphate

8. Chemical composition of dolomite used to maintain pH during the culture period is :
- (A) Anhydrous Calcium Magnesium Carbonate
 - (B) Anhydrous Calcium Carbonate
 - (C) Calcium Silicate
 - (D) Calcium phosphate
9. In polyculture of Aquaculture systems :
- (A) Only one species is cultured during culture period
 - (B) Only algal culture
 - (C) Two or more compatible species are cultured together during culture period
 - (D) None of the above
10. The best method of eradication of aquatic insects from culture ponds prior to stocking is the application of :
- (A) Agriculture lime
 - (B) Soap-oil-emulsion
 - (C) Organic fertilizer
 - (D) Inorganic fertilizer
11. The maximum level of dissolved oxygen in a culture pond is noted during :
- (A) 5 – 6 AM
 - (B) 2 – 3 AM
 - (C) 2 – 3 PM
 - (D) 8 – 9 PM
12. The main criteria to be followed while selecting a site for fish farm is :
- (A) Topography
 - (B) Source of water
 - (C) Soil characteristics
 - (D) All of the above
13. The Agency that regulates the activities connected with coastal Aquaculture is :
- (A) RGCA
 - (B) CAA
 - (C) KAVIL
 - (D) MATSYAFED
14. In order to avoid the adverse effects of farm drainage water on the ecology of the open waters, Aquaculture farms are provided with :
- (A) Effluent Treatment System
 - (B) Check trays
 - (C) Bund
 - (D) Nursery pond

15. Which of the following statements are correct about Pearl Spot :
- (i) State Fish of Kerala
 - (ii) Euryhaline
 - (iii) Feeds on filamentous algae
 - (iv) Shows cannibalism
- (A) Only (i) and (ii)
 - (B) Only (ii) and (iii)
 - (C) Only (i), (ii) and (iii)
 - (D) Only (iii) and (iv)
16. Culture season of Mussels in Kerala :
- (A) January to May
 - (B) June to October
 - (C) May to September
 - (D) October to December
17. Pick the odd man out :
- (A) *Catla catla*
 - (B) *Labeo rohita*
 - (C) *Cirrhinus mrigala*
 - (D) *Lates calcarifer*
18. Shrimp feed type which contains more protein :
- (A) Grower
 - (B) Starter
 - (C) Finisher
 - (D) Pelleter
19. Correct statement pertaining to the role of phytoplankton in freshwater ponds for carp culture :
- (i) Natural food to zooplankton
 - (ii) Natural food to fishes
 - (iii) Improve water quality
 - (iv) Enhance oxygen levels
- (A) Only (i) and (ii)
 - (B) Only (ii) and (iii)
 - (C) Only (i), (ii) and (iii)
 - (D) (i), (ii), (iii) and (iv)
20. Name the agency promoting aquaculture activities in Kerala :
- (A) FIRMA
 - (B) SAF
 - (C) KSCADC
 - (D) ADAK

- 21.** Young ones of Mussels and Oysters are called as :
- | | |
|--------------|----------|
| (A) Elvers | (B) Spat |
| (C) Nauplius | (D) Fry |
- 22.** Which of the following fishes show 'Cannibalism'?
- | | |
|---------------|----------------------|
| (A) Milk Fish | (B) Asian Sea Bass |
| (C) Tilapia | (D) All of the above |
- 23.** "Lab Lab" refers to :
- | | |
|----------------------------|------------------------------|
| (A) Lab based food | (B) Floating weed |
| (C) A plant animal complex | (D) Ready to serve fish food |
- 24.** Which of the following statements are correct about 'Air Breathing Fishes'?
- (i) Show cannibalism
 - (ii) Murrels and climbing Perch
 - (iii) Possess accessory respiratory organ
 - (iv) Shows high growth rate
- | |
|-------------------------|
| (A) (i) and (ii) |
| (B) (ii) and (iii) |
| (C) (i), (ii) and (iii) |
| (D) (iii) and (iv) |
- 25.** "Fattening" is a culture practice followed in :
- | | |
|--------------------|--------------------|
| (A) Oyster culture | (B) Shrimp farming |
| (C) Mussel culture | (D) Crab farming |
- 26.** Natural habitat of Giant Freshwater Prawn :
- | | |
|-------------------|------------------------|
| (A) Pookode Lake | (B) Shasthamkotta lake |
| (C) Vembanad Lake | (D) Vellayani Lake |
- 27.** Preferred fish species for culture in cages :
- | | |
|----------------|-----------------|
| (A) Tilapia | (B) Silver carp |
| (C) Grass carp | (D) Sardine |

28. The concept of “Biosecurity” is NOT related to :

- (i) Timely harvest
- (ii) Fencing of ponds
- (iii) Screening of shrimp seeds for virus
- (iv) Foot dip and Hand dip

- (A) Only (i)
- (B) Only (ii)
- (C) Only (ii) and (iii)
- (D) Only (i), (ii) and (iv)

29. Which of the following statement is/are correct about hermaphroditism?

- (i) In sequential hermaphroditism, the fish changes sex at some point in its life
- (ii) In Synchronous hermaphroditism, the fish possesses both male and female reproductive organs and can produce both sperm and eggs simultaneously
- (iii) In Protandry type of hermaphroditism, the fish starts as a male and later changes to a female
- (iv) In Protogyny type of hermaphroditism, the fish starts as a male and later changes to a female

- (A) Only (i) and (ii)
- (B) Only (ii) and (iii)
- (C) Only (i), (ii) and (iii)
- (D) All the above (i), (ii), (iii) and (iv)

30. Presently GIFT tilapia is being successfully produced and farmed in out country. Which of the following statements are true regarding GIFT Tilapia?

- (i) The main objective of the GIFT Tilapia program was to improve growth rate and productivity
- (ii) “GIFT” in GIFT Tilapia stands for Genetically improved Fresh Water Tilapia (GIFT)
- (iii) GIFT tilapia was developed by the World Fish Center with initial collaboration from the Philippines and Norway

- (A) Only (i) and (iii)
- (B) Only (ii) and (iii)
- (C) All of the above (i), (ii) and (iii)
- (D) Only (iii)

31. The larvae of oysters that are ready to settle and attach to a substrate are called :
- (A) Trochophore (B) Veliger
(C) Pediveliger (D) Naupilus
32. Which type of hatchery system is typically used for rearing fish larvae in small, mesh-covered enclosures in ponds or tanks?
- (A) Chinese Hatchery
(B) Jar Hatchery
(C) Happa Hatchery
(D) Recirculating Hatchery
33. Which of the following statement is/are correct about induced breeding in fishes by using pituitary gland extract?
- (i) In India, first attempt to induced breeding was done on *Labeo rohita* by Hamid Khan in 1937
(ii) Brazil was the first country to develop hypophysation techniques
(iii) Pituitary glands extract from mature fish is commonly used for induced breeding in carps
- (A) Only (i) and (ii)
(B) Only (ii) and (iii)
(C) All of the above (i), (ii), (iii)
(D) Only (iii)
34. The sequence of larval stages of Penaeid Shrimp is :
- (A) Nauplius → Zoea → Mysis → Post-larvae
(B) Zoea → Nauplius → Mysis → Post-larvae
(C) Nauplius → Mysis → Zoea → Post-larvae
(D) Nauplius → Zoea → Post-larvae → Mysis

35. Match the List-I with List-II :

List I	List II
(a) Heteropneustes fossilis	(i) Pearl spot
(b) Perna viridis	(ii) Walking catfish
(c) Crassostrea madrasensis	(iii) Giant fresh water prawn
(d) Etroplus suratensis	(iv) Oyster
(e) Clarius batrachus	(v) Stinging Catfish
	(vi) Green mussel

Choose the correct answer from the options given below :

(a)	(b)	(c)	(d)	(e)
(A) (v)	(ii)	(i)	(iii)	(vi)
(B) (ii)	(v)	(iv)	(iii)	(i)
(C) (v)	(vi)	(iv)	(i)	(ii)
(D) (iii)	(iv)	(i)	(ii)	(vi)

36. The eggs of Lates calcarifer are :

- (A) Adhesive and demersal
- (B) Non-adhesive and pelagic
- (C) Spherical and sticky
- (D) Large and sinking

37. Which of the following scientists are credited with the first successful induced breeding of Indian major carps in India in 1957?

- (A) Dr. Hiralal Chaudhuri and K.H. Alikunhi
- (B) Hamid Khan
- (C) Ramaswamy and Sunderaraj
- (D) Sen Gupta et al

38. Monosex male seed production in GIFT tilapia is mainly done using :

- (A) Genetic selection
- (B) Hormonal sex reversal by using 17α -methyltestosterone
- (C) Temperature manipulation
- (D) Hybridization with *O. aureus*

39. The stage of shrimp seed usually transported is :
- (A) Nauplius (B) Zoea
(C) Mysis (D) Post-larvae
40. What is the advantage of Happa Hatchery systems in terms of flexibility compared to other hatchery systems?
- (A) They can be easily moved between ponds or tanks based on water quality conditions
(B) They require minimal investment and can be expanded rapidly
(C) They allow for the rearing of large fish with high market value
(D) They are less prone to environmental factors, such as temperature changes
41. The larval rearing of *Macrobrachium rosenbergii* requires which type of water?
- (A) Freshwater (B) Brackish water
(C) Seawater (D) Distilled water
42. Pearl spot fish is a _____.
- (A) Mouth-brooder
(B) Open substrate spawner
(C) Nest builder and substrate spawner
(D) Live-bearer
43. Which families of fish are not coming under fresh water ornamental fish category?
- (A) Cyprinidae, Osphronemidae (B) Cobitidae, Characidae
(C) Pomacentridae, Labridae (D) Poeciliidae, Cichlidae
44. While constructing an aquarium tank, which material should be used to obtain the least visual Distortion?
- (A) Acrylic (B) Silpaulin
(C) FRP (D) Glass
45. Which is an aquarium filter system mainly used in marine aquarium and reef aquarium to remove organic waste before it decays?
- (A) Sponge filter (B) Carbon filter
(C) Protein Skimmer (D) Power filter

46. In an ornamental fish farm, the fish are seen gathered near the water surface, keeping their mouths open, in the early morning. What is the reason for this?
- (A) Low dissolved oxygen (B) Low Nitrate
(C) High Ammonia (D) High Uric acid
47. Which bacteria is required for the proper functioning of a biofilter?
- (A) Pseudomonas (B) Aeromonas
(C) Nitrosomonas (D) Clostridium
48. Which among the following is an egg scatter laying adhesive eggs?
- (A) Angel fish (B) Guppy
(C) Gold fish (D) Sword tail
49. When a fish farmer Universal Indicator Solution to the water from his pond, the water turned orange red in colour. Which of the following statement is correct?
- (A) pH is more; add lime (B) pH is less; add lime
(C) pH is less; add gypsum (D) pH is more; add gypsum
50. The process by which an organism adjusts to gradual changes in its environment, over a short period within its life time to minimise stress :
- (A) Quarantine (B) Acclimatization
(C) Biomass (D) Stocking
51. Which statement is correct?
- (A) Rotifer is a phytoplankton
(B) Tubifex is a zooplankton
(C) Paramecium need hydration and decapsulation of cyst
(D) Artemia cyst need hydration and decapsulation
52. Which statement is true for male Poecilids?
- (A) Presence of gravid spot at abdomen
(B) Presence of gonopodium on the anal fin
(C) Presence of tubercles on the pectoral fin
(D) Presence of adipose fin
53. Which is a common protozoan disease found in ornamental fish?
- (A) Ich disease (B) Dropsy
(C) Fin rot (D) Cotton wool disease

54. Which among the following is a correct pair?
- (A) Najas: Guppy grass
 - (B) Hydrilla: Amazone sword plant
 - (C) Echinodorus: Horn wort
 - (D) Ceratophyllum: Water thyme
55. Which ornamental fish show parental care to its young ones?
- (A) Platy
 - (B) Angel fish
 - (C) Gold fish
 - (D) Oscar
56. Which among the following ornamental fish has a labyrinthine organ?
- (A) Gourami
 - (B) Neon Tetra
 - (C) Discus
 - (D) Tiger Loach
57. Which of the following is an enzymatic change associated with fish spoilage?
- (A) Rancidity
 - (B) Dehydration
 - (C) Dun
 - (D) Belly burst
58. Select a semi-fatty fish from below :
- (A) Mackeral
 - (B) Anchovy
 - (C) Ribbon fish
 - (D) Oil Sardine
59. _____ is a protein found in fish which helps in its muscle movement.
- (A) Myofibrillar protein
 - (B) Stroma protein
 - (C) Sarcoplasmic protein
 - (D) Collagen and Elastin
60. Select correct statement related to Kwashiorkor from below :
- (A) Protein deficiency disease
 - (B) Vitamin A deficiency disease
 - (C) Vitamin D deficiency disease
 - (D) Vitamin C deficiency disease
61. Identify the cooling substance made from carbondioxide from below :
- (A) Gel ice
 - (B) Dry ice
 - (C) Block ice
 - (D) Tube ice
62. In certain dried fish product, the surface of the product looks dried but interior remains wet. What is this defect called?
- (A) Belly burst
 - (B) Rancidity
 - (C) Case hardening
 - (D) Case wetening

63. Select the suitable substance which can be used to reduce drip-loss in frozen products from below :
- (A) Sodium meta bisulphite (B) Polyphosphate
(C) Ascorbic acid (D) Dry ice
64. In certain shrimps formation of black spot is observed towards the interior surface of its shell after catch. Select the correct statement related to the cause of this defect from below :
- (A) Oxidation of fat in Cephalothorax
(B) Glycogen converted to lactic acid
(C) Action of Tyrosinase of Tyrosine
(D) Denaturation of protein
65. Temperature range in which Salmonella lives best is :
- (A) 0°C to 15°C (B) 15°C to 25°C
(C) 45°C to 90°C (D) 30°C to 37°C
66. Name a naturally occurring chemical hazard which often found in Scombroid fishes :
- (A) Hypoxanthin (B) Histamine
(C) Inosinic acid (D) Inosine
67. "Bacillary dysentery" in human beings is caused by which of the following bacteria?
- (A) Escherichia coli (B) Salmonella
(C) Shigella (D) Staphylococcus
68. According to EIA standards the process water in a seafood factory chlorinated to :
- (A) Below 20 ppm (B) Below 2 ppm
(C) Above 20 ppm (D) Above 2 ppm
69. Select the correct expanded form of HACCP from below :
- (A) Histamine Analysis and Critical Control Point
(B) Histidine Analysis and Critical Control Point
(C) Hazard and Critical Control Point
(D) Hazard Analysis and Critical Control Point

- 70.** Which of the following statement is/are correct about the Good Manufacturing Practices (GMP) in a seafood factory?
- (i) All walls in the processing area should be fitted with glazed tiles upto a height of six feet.
 - (ii) Strong permanent concrete structures are not required for building.
 - (iii) All doors opening to outside in the processing units are fitted with air-curtains.
 - (iv) The plate freezers will freeze the product at -20°C for 90 minutes.
- (A) Only (i) and (iii)
 - (B) Only (ii) and (iv)
 - (C) Only (iii)
 - (D) All of the above (ii), (iii) and (iv)
- 71.** Which of the following statement is/are correct about Fish marinades?
- (i) Marinades are fish or fish portions processed by treatment with edible acid and salt.
 - (ii) Development of microorganisms delayed in acid medium.
 - (iii) Marinades are classified into cooked marinades and fried marinades.
- (A) Only (ii) and (iii)
 - (B) Only (i) and (ii)
 - (C) Only (i) and (iii)
 - (D) All of the above (i), (ii) and (iii)
- 72.** Name the smoked fishery product famous in Lakshadweep, made from Tuna fish :
- (A) Fish momos
 - (B) Masmin
 - (C) Fish Finger
 - (D) None of these
- 73.** Given below are some fishery value added products, select the breaded product :
- (A) Fish pickle
 - (B) Fish sausage
 - (C) Fish momos
 - (D) Fish cutlet
- 74.** Name the product from spermwhale which is used in Perfume Industry :
- (A) Algin
 - (B) Carrageenan
 - (C) Ambergris
 - (D) None of these
- 75.** Beche-de-mer is a product prepared from :
- (A) Sea Anemone
 - (B) Sea Cucumber
 - (C) Star Fish
 - (D) None of these

76. Name the fishery product prepared from shrimp or Crab shell waste :
- (A) Chitin (B) Pearl essence
(C) Fish silage (D) None of these
77. Write the method of packing that removes air from the package prior to sealing and placed items in a plastic film package, removing air from inside and sealing the package:
- (A) Modified Atmosphere Packaging (MAP)
(B) Controlled Atmosphere Packaging (CAP)
(C) Vacuum Packing
(D) None of these
78. Name the fishery product prepared from dried airbladder (Swim bladder) of fishes such as polynemids, scianids etc. :
- (A) Pearl essence (B) Ising glass
(C) Chitosan (D) None of these
79. Identify the correct statement with respect to fishing craft :
- (i) Traditional fishing craft includes 'catamaram' and 'coracle'.
(ii) Ponton and bamboo rafts can be considered as fishing craft.
(iii) OBM is an essential component of dugout canoe.
(iv) Mechanized vessels use wind energy for propulsion.
- (A) (i) and (ii) are not correct
(B) (ii) and (iii) only are correct
(C) (iii) and (iv) only are correct
(D) (i) and (ii) only are correct
80. Read the statements regarding mechanized fishing crafts :
- (i) Skiff is a part of trawler.
(ii) Long liners used baited hooks.
(iii) Anchovies are usually caught using troller.
(iv) Purse seiner uses trammel net in its fishing operation.
- (A) (i), (ii), (iii) and (iv) are true
(B) (ii) only is true
(C) (iii) only is true
(D) (iv) only is true

- 81.** The purpose of “crow’s nest” in a purse seiner is :
- (A) To drive away marine birds (B) To spot fish shoals
(C) To tie purse seine (D) All of these
- 82.** Snood wire and swivel are components of :
- (A) Purse seine (B) Trawl
(C) Long line (D) None of these
- 83.** Given below are some points with respect to trawling :
- (i) Use live baits
(ii) Entangling nets help in fishing
(iii) Otter boards keep the net vertically open
(iv) Target species are only pelagic fishes
- (A) (i), (ii), (iii) and (iv) are true (B) Only (i) and (ii) are true
(C) Only (iii) and (iv) are true (D) (i), (ii), (iii) and (iv) are false
- 84.** Jigs are commonly used to catch squid :
- (i) Jigging is usually done in day time
(ii) Jigs are spindle shaped with attractive colour
(iii) It is a passive fishing method
(iv) They are usually operated from a coracle
- (A) (ii) only is true (B) (i) only is true
(C) (i) and (iii) are true (D) (iii) and (iv) are true
- 85.** Stake net fishing is a common practice in Kerala :
- (A) It is operated during low tide only
(B) Target species include yellow fin tuna
(C) It is operated from a troller
(D) All of these
- 86.** Select the correct statement regarding pole and line fishing :
- (A) Best method to catch shrimp
(B) Usually practiced in Kerala backwaters
(C) Barbless hooks are used
(D) None of these

87. Fishing craft building materials vary depending on type and its use :
- (A) FRP is comparatively lighter and durable
 - (B) Larger vessels are built of steel
 - (C) Wood for making dugout canoe
 - (D) All of these
88. Sustainable fishing practices include :
- (A) Use very small mesh size
 - (B) Increase bycatch
 - (C) Promote 'ghost fishing'
 - (D) Establish closed fishing season
89. Which among the following net making materials is not a natural fibre?
- (A) Hemp
 - (B) Flax
 - (C) Coir
 - (D) Nylon
90. Treble hooks have :
- (A) 1 eye and 3 hooks
 - (B) 1 eye and 4 hooks
 - (C) 2 eyes and 2 hooks
 - (D) 1 eye and 1 hook
91. Oval shaped weights with a hole through the center is called as :
- (A) Bullet Weight Sinker
 - (B) Split Shot Sinker
 - (C) Pyramid Sinker
 - (D) Egg Sinker
92. In which part of a trawl net the fishes get collected while fishing?
- (A) Square
 - (B) Belly
 - (C) Codend
 - (D) Foot rope
93. Which of these materials are not used to make floats?
- (i) Aluminium
 - (ii) Wood
 - (iii) Cork
 - (iv) Glass
- (A) (i) and (ii)
 - (B) None of the above
 - (C) (i) and (iv)
 - (D) (ii) and (iv)

94. Which one among the following is a surrounding gear?
- | | |
|----------------------|-------------------|
| (i) Beach seine | (ii) Purse seine |
| (iii) Shore seine | (iv) Ring seine |
| (A) (i) and (ii) | (B) (ii) and (iv) |
| (C) All of the above | (D) (i) and (iii) |
95. Which among the following are deep sea shrimps?
- | | |
|----------------------------------|--------------------------------|
| (i) <i>Heterocarpus gibbosus</i> | (ii) <i>Portunus pelagicus</i> |
| (iii) <i>Aristeus alcocki</i> | (iv) <i>Homarus americanus</i> |
| (A) (i) and (ii) | (B) (ii) and (iii) |
| (C) (i) and (iii) | (D) All of the above |
96. The transducer in an Echo-sounder :
- (A) Convert electrical energy to sound energy
 (B) Convert light energy to electrical energy
 (C) Amplifies electrical energy
 (D) None of the above
97. Which among the following is not a life saving equipment onboard a fishing vessel?
- | | |
|---------------|-----------------------|
| (A) Life boat | (B) EPIRB |
| (C) VHF Radio | (D) None of the above |
98. Which among the following activities support sustainable fishing?
- | | |
|--------------------|---------------------------------------|
| (i) Trawl ban | (ii) Mesh size regulation |
| (iii) Sea ranching | (iv) Installation of artificial reefs |
| (A) (i) and (ii) | (B) (ii) and (iii) |
| (C) (i) and (iii) | (D) All of the above |
99. Which among the following are destructive fishing practices?
- | | |
|-------------------------|----------------------|
| (i) Dynamite fishing | (ii) Cyanide fishing |
| (iii) Bottom trawling | (iv) Muroami fishing |
| (A) (i), (ii) and (iii) | (B) (i) and (iii) |
| (C) (iii) and (iv) | (D) All of the above |
100. Which among the following is used to estimate the vertical and horizontal opening of a trawl net?
- | | |
|-----------------|----------------------|
| (A) Net sounder | (B) GPS |
| (C) RADAR | (D) All of the above |

SPACE FOR ROUGH WORK

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