

National Testing Agency

Question Paper Name :	Fisheries Engineering and Technology 23rd Sep 2020 Shift 2
Subject Name :	Fisheries Engineering and Technology
Creation Date :	2020-09-23 19:33:44
Duration :	120
Total Marks :	480
Display Marks:	Yes
Share Answer Key With Delivery Engine :	Yes
Actual Answer Key :	Yes

Fisheries Engineering and Technology

Group Number :	1
Group Id :	71087054
Group Maximum Duration :	0
Group Minimum Duration :	120
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	480
Is this Group for Examiner? :	No

Part A General Knowledge

Section Id :	710870160
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	20

Number of Questions to be attempted :	20
Section Marks :	80
Display Number Panel :	Yes
Group All Questions :	Yes
Mark As Answered Required? :	Yes
Sub-Section Number :	1
Sub-Section Id :	710870160
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 7108706421 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which one of the following crops is a commercial crop in Punjab and Haryana but is a subsistence crop in Orissa?

1. Tea
2. Cotton
3. Rubber
4. Rice

Options :

- 71087025681. 1
- 71087025682. 2
- 71087025683. 3
- 71087025684. 4

Question Number : 2 Question Id : 7108706422 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which of the following are the two most important wheat-growing zones of the country?

- A. Ganga-Satluj plains in the north-west
- B. Deltaic regions
- C. Black soil region of the Deccan
- D. Plains of north-east

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

- 1. Only A and B
- 2. Only B and C
- 3. Only C and D
- 4. Only A and C

Options :

- 71087025685. 1
- 71087025686. 2
- 71087025687. 3
- 71087025688. 4

Question Number : 3 Question Id : 7108706423 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Indian agriculture is typically characterized as

- 1. Land surplus, labour scarce economy
- 2. Land surplus, labour surplus economy
- 3. Land scarce, labour surplus economy
- 4. Land scarce, labour scarce economy

Options :

- 71087025689. 1

71087025690. 2

71087025691. 3

71087025692. 4

Question Number : 4 Question Id : 7108706424 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which one of the following countries is the main rival of India in tea export?

1. China
2. Japan
3. Germany
4. Sri Lanka

Options :

71087025693. 1

71087025694. 2

71087025695. 3

71087025696. 4

Question Number : 5 Question Id : 7108706425 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Given below are two statements

Statement A: MSP is declared by the government every year to provide incentives to the farmers for raising the production of crops.

Statement B: Buffer stock is created to distribute food grains in the deficit areas and among the poorer strata of the society at the lower price than the market price.

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

1. Both Statement A and Statement B are correct
2. Both Statement A and Statement B are incorrect
3. Statement A is correct but Statement B is incorrect
4. Statement A is incorrect but Statement B is correct

Options :

- 71087025697. 1
- 71087025698. 2
- 71087025699. 3
- 71087025700. 4

Question Number : 6 Question Id : 7108706426 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which one of the following is a global association of nations of the world to help cooperation in international law, security, economic development and social equity?

1. United Nations Organization
2. International Monetary Fund
3. World Bank
4. World Health Organization

Options :

- 71087025701. 1
- 71087025702. 2
- 71087025703. 3
- 71087025704. 4

Question Number : 7 Question Id : 7108706427 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Under the Ganga Action Plan Phase II, pollution abatement works are being taken up in how many towns?

- 1. 57
- 2. 65
- 3. 52
- 4. 69

Options :

- 71087025705. 1
- 71087025706. 2
- 71087025707. 3
- 71087025708. 4

Question Number : 8 Question Id : 7108706428 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which one of the following statements is **incorrect**?

- 1. The highest number of pigs in the world are found in India
- 2. Utter Pradesh provides largest amount of pork
- 3. Assam has the largest number of pork producing pigs
- 4. Pork constitutes about 7.6% of the total meat produced in India

Options :

71087025709. 1

71087025710. 2

71087025711. 3

71087025712. 4

Question Number : 9 Question Id : 7108706429 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which type of N-fertilizer is suitable for water-logged soils?

1. Zinc Phosphate
2. Ammonium Sulphate
3. Calcium
4. Potassium Nitrate

Options :

71087025713. 1

71087025714. 2

71087025715. 3

71087025716. 4

Question Number : 10 Question Id : 7108706430 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The famous Bailadila range of hills in the Bastar district of Chhattisgarh is famous for its

1. Bauxite deposits
2. Manganese deposits
3. Copper deposits
4. High-grade haematite deposits

Options :

71087025717. 1

71087025718. 2

71087025719. 3

71087025720. 4

Question Number : 11 Question Id : 7108706431 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

A farmer wishes to start a 100 sq. m rectangular vegetable garden. Since he has only 30m barbed wire, he fences three sides of the garden letting his house compound wall act as the fourth side fencing. What is the dimension of the garden?

1. 15 m x 6.67m
2. 20 m x 5 m
3. 30 m x 3.33 m
4. 40 m x 2.5 m

Options :

71087025721. 1

71087025722. 2

71087025723. 3

71087025724. 4

Question Number : 12 Question Id : 7108706432 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

In which one of the following industries, the consumption of natural rubber is the largest?

1. Auto tyres and tubes
2. Footwear
3. Dipped goods
4. Latex foam

Options :

71087025725. 1
71087025726. 2
71087025727. 3
71087025728. 4

Question Number : 13 Question Id : 7108706433 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which one of the following countries was the partner country of 34th Surajkund International Crafts Fair held in Haryana?

1. China
2. Nepal
3. Bhutan
4. Uzbekistan

Options :

71087025729. 1
71087025730. 2
71087025731. 3
71087025732. 4

Question Number : 14 Question Id : 7108706434 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Nobel laureate Abhijit Vinayak Banerjee was conferred the honorary Doctor of Letters (D. Litt.) by which University?

1. University of Delhi
2. University of Kolkata
3. University of Mumbai
4. University of Hyderabad

Options :

- 71087025733. 1
- 71087025734. 2
- 71087025735. 3
- 71087025736. 4

Question Number : 15 Question Id : 7108706435 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Where is the headquarters of European Union?

- 1. Geneva, Switzerland
- 2. Washington D.C., USA
- 3. New York, US
- 4. Brussels, Belgium

Options :

- 71087025737. 1
- 71087025738. 2
- 71087025739. 3
- 71087025740. 4

Question Number : 16 Question Id : 7108706436 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which of the following would be deficient if one finds high somatic cell count in the cow's milk?

- 1. Butterfat
- 2. Whey protein
- 3. Casein
- 4. Trace minerals

Options :

- 71087025741. 1
- 71087025742. 2
- 71087025743. 3
- 71087025744. 4

Question Number : 17 Question Id : 7108706437 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Who was the first administrator-statesman to attempt planning as a means for economic development?

- 1. C. Rajagopalachari
- 2. V. T. Krishnamachari
- 3. M. Viswesvarayya
- 4. Sir C. P. Ramaswami Aiyar

Options :

- 71087025745. 1
- 71087025746. 2
- 71087025747. 3
- 71087025748. 4

Question Number : 18 Question Id : 7108706438 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Amazon rainforest span over nine countries. In August 2019, in which country did a deadly fire broke out in the Amazon forest?

- 1. Brazil
- 2. Venezuela
- 3. Colombia
- 4. Argentina

Options :

- 71087025749. 1
- 71087025750. 2
- 71087025751. 3
- 71087025752. 4

Question Number : 19 Question Id : 7108706439 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Economic liberalization in India started with

- 1. Sustainable changes in industrial licensing policy
- 2. The convertibility of the Indian Rupee
- 3. Significant reduction of tax rates
- 4. Changes in procedural formalities for FDI

Options :

- 71087025753. 1
- 71087025754. 2
- 71087025755. 3
- 71087025756. 4

Question Number : 20 Question Id : 7108706440 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The term 'Delimitation' which was in news recently is associated with which process?

- 1. Fixing the limit of Income tax
- 2. Fixing limits of Affordable housing
- 3. Fixing limits of Territorial constituencies
- 4. Fixing limits of Chairpersons salary

Options :

- 71087025757. 1

71087025758. 2

71087025759. 3

71087025760. 4

Part B Core Fishery Science I

Section Id :	710870161
Section Number :	2
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	50
Number of Questions to be attempted :	50
Section Marks :	200
Display Number Panel :	Yes
Group All Questions :	Yes
Mark As Answered Required? :	Yes
Sub-Section Number :	1
Sub-Section Id :	710870161
Question Shuffling Allowed :	Yes

Question Number : 21 Question Id : 7108706441 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The base width of an earthen pond dike depends upon

1. Height, top width and slope of dike
2. Species to be cultured
3. Position of inlets and outlets
4. Distance from the source of water intake

Options :

71087025761. 1

71087025762. 2

71087025763. 3

71087025764. 4

Question Number : 22 Question Id : 7108706442 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

An earthen channel of most economical cross section carries a discharge of 10 cum/sec with velocity of flow being 2.0 m/sec. The area of flow is

1. 20.00 m²
2. 5.00 m²
3. 10.00 m²
4. 0.20 m²

Options :

71087025765. 1

71087025766. 2

71087025767. 3

71087025768. 4

Question Number : 23 Question Id : 7108706443 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The approximate power requirement for an electrically operated pump, pumping water at the rate of 1242 cum/hr against the head of 10.00 m and with a pump efficiency of 65% shall be

1. 80 BHP
2. 70 BHP
3. 50 BHP
4. 25 BHP

Options :

71087025769. 1

71087025770. 2

71087025771. 3

71087025772. 4

Question Number : 24 Question Id : 7108706444 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

In a trapezoidal earthen channel, if 'T' is top width of flow, 'd' is depth of flow and z:1 is the side slope, the wetted perimeter of flow is

1. $d+2b(1+z^2)^{1/2}$
2. $2b+d(1+z^2)^{1/2}$
3. $b+2d(1+z^2)^{1/2}$
4. $b+d(1+z^2)^{1/2}$

Options :

71087025773. 1

71087025774. 2

71087025775. 3

71087025776. 4

Question Number : 25 Question Id : 7108706445 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The most preferred device for supplying compressed air in a hatchery is

1. Turbine air-blowers
2. Twin lobe air compressors
3. Pneumatic air compressors
4. Propeller-aspirator pump

Options :

71087025777. 1

71087025778. 2

71087025779. 3

71087025780. 4

Question Number : 26 Question Id : 7108706446 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

International distress frequency is

1. 3082 KHz
2. 4000 KHz
3. 2082 KHz
4. 2182 KHz

Options :

71087025781. 1
71087025782. 2
71087025783. 3
71087025784. 4

Question Number : 27 Question Id : 7108706447 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which device is used mainly to find out precise position of a pelagic trawl?

1. Transmitter
2. Sonar
3. Echo-sounder
4. Net sonde

Options :

71087025785. 1
71087025786. 2
71087025787. 3
71087025788. 4

Question Number : 28 Question Id : 7108706448 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

A vertical pole made of wood or steel with proper rigging for displaying the necessary and various flags and also light signals during the operation of the vessel is known as

1. Derrick
2. Mask
3. Block
4. Capstan

Options :

- 71087025789. 1
- 71087025790. 2
- 71087025791. 3
- 71087025792. 4

Question Number : 29 Question Id : 7108706449 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

As per internationally accepted norms, the activity at fishing harbours for which use of clean seawater is NOT recommended as replacement of freshwater is

1. Fish washing box
2. Auction hall hose down
3. Fish rinsing
4. Ice

Options :

- 71087025793. 1
- 71087025794. 2
- 71087025795. 3
- 71087025796. 4

Question Number : 30 Question Id : 7108706450 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The dredging technique used for dredging slurries containing extremely fine-graded sand particles is

1. Pontoon-mounted grabbing
2. Bucket dredging
3. Pontoon-mounting pumping
4. Cutter-section dredging

Options :

- 71087025797. 1
- 71087025798. 2
- 71087025799. 3
- 71087025800. 4

Question Number : 31 Question Id : 7108706451 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Widely used devices in a commercial fish meal plant are

1. Spray freezers
2. Blast freezers
3. Disc dryers
4. Ozonizers

Options :

- 71087025801. 1
- 71087025802. 2
- 71087025803. 3
- 71087025804. 4

Question Number : 32 Question Id : 7108706452 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The power supply from a battery is

1. Always AC
2. Always DC
3. Partially AC and partially DC
4. Intermittently AC and DC both

Options :

71087025805. 1
71087025806. 2
71087025807. 3
71087025808. 4

Question Number : 33 Question Id : 7108706453 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

A complete power supply system consists of

- A. A generation system
- B. A high voltage transmission grid
- C. A distribution system

Select the most appropriate answer from the options given below:

1. A only
2. B only
3. C only
4. Combination of A, B and C

Options :

71087025809. 1

71087025810. 2
71087025811. 3
71087025812. 4

Question Number : 34 Question Id : 7108706454 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The standard voltage of a 3-phase AC power supply system in India is

1. 415 volts
2. 220 volts
3. 320 volts
4. 120 volts

Options :

71087025813. 1
71087025814. 2
71087025815. 3
71087025816. 4

Question Number : 35 Question Id : 7108706455 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

For lighting and heating, the power supply used is mostly

1. Three phase AC
2. Single phase AC
3. DC
4. A combination of AC and DC

Options :

71087025817. 1
71087025818. 2
71087025819. 3

71087025820. 4

Question Number : 36 Question Id : 7108706456 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The Frazer Ganj Fishing harbour is located in the State of

1. West Bengal
2. Maharashtra
3. Odisha
4. Gujarat

Options :

71087025821. 1
71087025822. 2
71087025823. 3
71087025824. 4

Question Number : 37 Question Id : 7108706457 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

In which year did the The United Nations Convention on the Law of The Sea come in to force?

1. 1984
2. 1994
3. 1990
4. 1995

Options :

71087025825. 1
71087025826. 2
71087025827. 3
71087025828. 4

Question Number : 38 Question Id : 7108706458 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Strong acid is secreted in the stomach of

1. Herbivorous fish
2. Omnivorous fish
3. Detritivorous fish
4. Carnivorous fish

Options :

- 71087025829. 1
- 71087025830. 2
- 71087025831. 3
- 71087025832. 4

Question Number : 39 Question Id : 7108706459 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Gonopodium is seen in the males of

1. Salmons
2. Sharks
3. Gold fish
4. Guppies

Options :

- 71087025833. 1
- 71087025834. 2
- 71087025835. 3
- 71087025836. 4

Question Number : 40 Question Id : 7108706460 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The smallest eggs are produced by which one of the following groups of fishes?

1. Cyclostomes
2. Flat fishes
3. Sticklebacks
4. Carps

Options :

- 71087025837. 1
- 71087025838. 2
- 71087025839. 3
- 71087025840. 4

Question Number : 41 Question Id : 7108706461 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Red tide in the sea is usually caused by

1. Diatoms
2. Dynoflagellates
3. Cladocerans
4. Bacteria

Options :

- 71087025841. 1
- 71087025842. 2
- 71087025843. 3
- 71087025844. 4

Question Number : 42 Question Id : 7108706462 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Protein sparing can be achieved, when it is deficient in the feed by incorporating

1. Starch
2. Lipids
3. Minerals
4. Vitamins

Options :

- 71087025845. 1
- 71087025846. 2
- 71087025847. 3
- 71087025848. 4

Question Number : 43 Question Id : 7108706463 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Itai-Itai disease is caused by the following in

1. Zinc
2. Mercury
3. Lead
4. Cadmium

Options :

- 71087025849. 1
- 71087025850. 2
- 71087025851. 3
- 71087025852. 4

Question Number : 44 Question Id : 7108706464 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The exploitation of a fish stock at the right age is called

1. Eumetric fishing
2. Over fishing
3. Under fishing
4. Zero fishing

Options :

- 71087025853. 1
- 71087025854. 2
- 71087025855. 3
- 71087025856. 4

Question Number : 45 Question Id : 7108706465 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Soft rayed bony fishes are covered with

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

Options :

- 71087025857. 1
- 71087025858. 2
- 71087025859. 3
- 71087025860. 4

Question Number : 46 Question Id : 7108706466 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which part of Echosounder converts the electrical energy to sound?

1. Transmitter
2. Receiver
3. Transducer
4. Recorder

Options :

- 71087025861. 1
- 71087025862. 2
- 71087025863. 3
- 71087025864. 4

Question Number : 47 Question Id : 7108706467 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The intestine is shorter in

1. Carnivores
2. Bivalves
3. Amphibians
4. Planktivores

Options :

- 71087025865. 1
- 71087025866. 2
- 71087025867. 3
- 71087025868. 4

Question Number : 48 Question Id : 7108706468 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The teeth used for crushing and grinding in fish are called

1. Molariforms
2. Ardiforms
3. Canine
4. Incisor

Options :

- 71087025869. 1
- 71087025870. 2
- 71087025871. 3
- 71087025872. 4

Question Number : 49 Question Id : 7108706469 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Among the various classes of molluscs, filter feeders are exclusive to the class

1. Cephalopods
2. Gastropoda
3. Bivalvia
4. Aplacophora

Options :

- 71087025873. 1
- 71087025874. 2
- 71087025875. 3
- 71087025876. 4

Question Number : 50 Question Id : 7108706470 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Numerical method of gut content analysis is suitable for

1. Carnivore
2. Omnivore
3. Detritivore
4. Plankton feeder

Options :

- 71087025877. 1
- 71087025878. 2
- 71087025879. 3
- 71087025880. 4

Question Number : 51 Question Id : 7108706471 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The average number of eggs per unit weight of fish is

1. Relative fecundity
2. Absolute fecundity
3. Population fecundity
4. Rational fecundity

Options :

- 71087025881. 1
- 71087025882. 2
- 71087025883. 3
- 71087025884. 4

Question Number : 52 Question Id : 7108706472 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The general behavior of the vessel in the sea with respect to motion and comfort of the crew is called

1. Displacement
2. Efficiency
3. Speed
4. Sea kindliness

Options :

- 71087025885. 1
- 71087025886. 2
- 71087025887. 3
- 71087025888. 4

Question Number : 53 Question Id : 7108706473 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The ideal spindle shaped sinkers used in purse-seine is made up of which one of the following materials?

1. Lead
2. Wood
3. Aluminium
4. Iron

Options :

- 71087025889. 1
- 71087025890. 2
- 71087025891. 3
- 71087025892. 4

Question Number : 54 Question Id : 7108706474 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The enzyme Transglutaminase belongs to which group?

1. Hydrolase
2. Oxidase
3. Reductase
4. Acyl-transferase

Options :

71087025893. 1
71087025894. 2
71087025895. 3
71087025896. 4

Question Number : 55 Question Id : 7108706475 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The ends of a normal food can appear

1. Round
2. Concave or flat
3. Convex
4. Rectangular

Options :

71087025897. 1
71087025898. 2
71087025899. 3
71087025900. 4

Question Number : 56 Question Id : 7108706476 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The condition of Honeycombing is common in

1. Sardine
2. Seer
3. Tuna
4. Crab

Options :

- 71087025901. 1
- 71087025902. 2
- 71087025903. 3
- 71087025904. 4

Question Number : 57 Question Id : 7108706477 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The end product of ATP breakdown is

1. ADP
2. Hypoxanthine
3. IMP
4. Lactic acid

Options :

- 71087025905. 1
- 71087025906. 2
- 71087025907. 3
- 71087025908. 4

Question Number : 58 Question Id : 7108706478 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The distance from the top of the dorsal seam to the base of the check wall radius is called

1. Cover hook
2. Body hook
3. Seann width
4. Counter sink

Options :

71087025909. 1
71087025910. 2
71087025911. 3
71087025912. 4

Question Number : 59 Question Id : 7108706479 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Food poisoning of canned fish products for *Clostridium botulinum* (Type E) is an indication of which one of the following?

1. Soft swell
2. Hard swell
3. Leaker spoilage
4. Springer

Options :

71087025913. 1
71087025914. 2
71087025915. 3
71087025916. 4

Question Number : 60 Question Id : 7108706480 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The presence of *Staphylococcus cereus* in processed sea food is the indicative of

1. Under processing
2. Over processing
3. Personal hygiene
4. Faecal pollution

Options :

- 71087025917. 1
- 71087025918. 2
- 71087025919. 3
- 71087025920. 4

Question Number : 61 Question Id : 7108706481 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

DSP in Bivalves is mainly caused by which one of the following organisms?

1. Dinophysis
2. Gymnodinium
3. Diatoms
4. Pyrodinium

Options :

- 71087025921. 1
- 71087025922. 2
- 71087025923. 3
- 71087025924. 4

Question Number : 62 Question Id : 7108706482 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The cost changes with a change in input is grouped under

1. Variable cost
2. Fixed cost
3. Capital cost
4. Opportunity cost

Options :

- 71087025925. 1
- 71087025926. 2
- 71087025927. 3
- 71087025928. 4

Question Number : 63 Question Id : 7108706483 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The process of involving local people in the analysis and interpretation of a rural situation is

1. Extension programme
2. Participatory Rural Appraisal
3. Demonstration of results
4. Exhibition

Options :

- 71087025929. 1
- 71087025930. 2
- 71087025931. 3
- 71087025932. 4

Question Number : 64 Question Id : 7108706484 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Earth digesting protein in the ingested food, in fish synthesize the following

1. Carboxypeptidase
2. Lipases
3. Proteases
4. Pancreatic juice

Options :

- 71087025933. 1
- 71087025934. 2
- 71087025935. 3
- 71087025936. 4

Question Number : 65 Question Id : 7108706485 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The toxic ingredient trypsin inhibitor is usually present in which one of the following?

1. Ground nut
2. Cotton seed
3. Mustard seeds
4. Soybean

Options :

- 71087025937. 1
- 71087025938. 2
- 71087025939. 3
- 71087025940. 4

Question Number : 66 Question Id : 7108706486 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Live bacterial cells which beneficially affect fish, aid in the digestion and enrich gut microflora, are referred to as

1. Enzymes
2. Hormones
3. Probiotics
4. Nucleotides

Options :

- 71087025941. 1
- 71087025942. 2
- 71087025943. 3
- 71087025944. 4

Question Number : 67 Question Id : 7108706487 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

In the manufacture of extruded floating feeds for fish, the following conditions should be met

1. High temperature
2. High pressure
3. High moisture
4. All of above conditions

Options :

- 71087025945. 1
- 71087025946. 2
- 71087025947. 3
- 71087025948. 4

Question Number : 68 Question Id : 7108706488 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

For estimating digestibility in fish, the following compound is incorporated in feeds at low levels

1. Bentonite
2. Chromic oxide
3. Calcium chloride
4. Magnesium oxide

Options :

- 71087025949. 1
- 71087025950. 2
- 71087025951. 3
- 71087025952. 4

Question Number : 69 Question Id : 7108706489 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The following programming is used for formulation of least cost diets for fish/shell fish

1. Hardy's Square programming
2. Peterson Square programming
3. Mixed feeding schedule programming
4. Linear programming

Options :

- 71087025953. 1
- 71087025954. 2
- 71087025955. 3
- 71087025956. 4

Question Number : 70 Question Id : 7108706490 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The deficiency of which one of the following causes haemorrhagic kidney in fish?

1. Iodine
2. Choline
3. Cholestrol
4. Iron

Options :

71087025957. 1
71087025958. 2
71087025959. 3
71087025960. 4

Part C Fisheries Engineering and Technology

Section Id :	710870162
Section Number :	3
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	50
Number of Questions to be attempted :	50
Section Marks :	200
Display Number Panel :	Yes
Group All Questions :	Yes
Mark As Answered Required? :	Yes
Sub-Section Number :	1
Sub-Section Id :	710870162
Question Shuffling Allowed :	Yes

Question Number : 71 Question Id : 7108706491 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

If the Magnetic course is 175° M and variation is 4° E, then the true course is

1. 179° M
2. 171° M
3. 179° T
4. 171° E

Options :

71087025961. 1
71087025962. 2
71087025963. 3
71087025964. 4

Question Number : 72 Question Id : 7108706492 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

According to FAO, commercial fishing vessels are classified based upon

1. Fishing method used
2. Geographical origin
3. Architecture
4. Fishing gear they use

Options :

71087025965. 1
71087025966. 2
71087025967. 3
71087025968. 4

Question Number : 73 Question Id : 7108706493 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Conventional drawing which gives a view of how a vessel appears, if seen from the top is known as

1. Cross Sectional View
2. Profile view
3. Plan view
4. Perspective view

Options :

- 71087025969. 1
- 71087025970. 2
- 71087025971. 3
- 71087025972. 4

Question Number : 74 Question Id : 7108706494 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The point through which all the weights constituting the ship and its contents is assumed to act is known as

1. Centre of buoyance
2. Centre of floatation
3. Centre of gravity
4. Metacenter

Options :

- 71087025973. 1
- 71087025974. 2
- 71087025975. 3
- 71087025976. 4

Question Number : 75 Question Id : 7108706495 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The item used to keep the gear at the required depth, obtaining proper shape during operation and maintaining proper vertical opening is

1. Rope
2. Floats
3. Sinkers
4. Anchors

Options :

71087025977. 1
71087025978. 2
71087025979. 3
71087025980. 4

Question Number : 76 Question Id : 7108706496 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

One nautical mile is equal to

1. 1.528 km
2. 1.852 km
3. 1.285 km
4. 1.825 km

Options :

71087025981. 1
71087025982. 2
71087025983. 3
71087025984. 4

Question Number : 77 Question Id : 7108706497 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

LORAN – C operates in electromagnetic spectrum range of

1. 90 - 100 KHz
2. 85 - 105 KHz
3. 90 - 110 KHz
4. 100 - 120 KHz

Options :

- 71087025985. 1
- 71087025986. 2
- 71087025987. 3
- 71087025988. 4

Question Number : 78 Question Id : 7108706498 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

If Whole Circular Bearing (WCB) of a prismatic compass is 85° then its equivalent Reduced Bearing (RB) shall be

1. N 85 W
2. S 85 E
3. N 85 E
4. S 85 W

Options :

- 71087025989. 1
- 71087025990. 2
- 71087025991. 3
- 71087025992. 4

Question Number : 79 Question Id : 7108706499 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Trapezoidal rule assumes that the portion of curve between any two consecutive ordinates can be replaced with sufficient accuracy by

1. Parabola
2. Hyperbola
3. An arc
4. Straight line

Options :

71087025993. 1
71087025994. 2
71087025995. 3
71087025996. 4

Question Number : 80 Question Id : 7108706500 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The conditions that denote a stable equilibrium of a vessel in still water is

1. Centre of Gravity (G) is above the Transverse Metacenter (M)
2. Centre of Gravity (G) must be below the Transverse Metacenter (M)
3. Transverse Metacenter (M) and Centre of Gravity (G) are coincident
4. When the value of the Righting Arm (GZ) is negative

Options :

71087025997. 1
71087025998. 2
71087025999. 3
71087026000. 4

Question Number : 81 Question Id : 7108706501 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which one of the following chemicals is used in dry chemical powder type fire extinguishers?

1. Sodium Chloride
2. Sodium Oxalate
3. Sodium Bicarbonate
4. Sodium Hydroxide

Options :

- 71087026001. 1
- 71087026002. 2
- 71087026003. 3
- 71087026004. 4

Question Number : 82 Question Id : 7108706502 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

As per FAO, the daily water requirement at a fishing harbour for fish rinsing is

1. 2 litres per kg of fish landed every day
2. 1 litre per kg of fish landed every day
3. 2.5 litres per kg of fish landed every day
4. 5 litres per kg of fish landed every day

Options :

- 71087026005. 1
- 71087026006. 2
- 71087026007. 3
- 71087026008. 4

Question Number : 83 Question Id : 7108706503 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

One of the most modernized fishing harbour in India is

1. Mangalore Fishing harbour
2. Munambam Fishing harbour
3. Paradeep Fishing harbour
4. Veraval Fishing harbor

Options :

- 71087026009. 1
- 71087026010. 2
- 71087026011. 3
- 71087026012. 4

Question Number : 84 Question Id : 7108706504 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Acoustic surveys in reference to commercial fishing are conducted to access

1. Bottom configuration of water body
2. Depth of water body
3. Relative abundance of fish stock
4. Weather conditions

Options :

- 71087026013. 1
- 71087026014. 2
- 71087026015. 3
- 71087026016. 4

Question Number : 85 Question Id : 7108706505 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

In a fishing vessel, gyrocompass is used to find out

1. Magnetic North
2. Magnetic South
3. True North
4. True South

Options :

- 71087026017. 1
- 71087026018. 2
- 71087026019. 3
- 71087026020. 4

Question Number : 86 Question Id : 7108706506 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

During the process of selection of a site for a fishing harbour, the survey conducted to determine the elevation of bottom of the water body by the sounding method is called

1. Water body survey
2. Topographic survey
3. Hydrographic survey
4. Contour survey

Options :

- 71087026021. 1
- 71087026022. 2
- 71087026023. 3
- 71087026024. 4

Question Number : 87 Question Id : 7108706507 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Regulations for the prevention of collision of ships and boats at sea are also known as

1. Rules of sea
2. Rules of oceans
3. Rules of high seas
4. Rules of navigation

Options :

- 71087026025. 1
- 71087026026. 2
- 71087026027. 3
- 71087026028. 4

Question Number : 88 Question Id : 7108706508 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

In a fishing vessel, the person who helps the engine driver to carry out the routine maintenance of the engine and other accessories including oiling and greasing is called

1. Assistant Engine Driver
2. Oiler
3. Greaser
4. Cleaner

Options :

- 71087026029. 1
- 71087026030. 2
- 71087026031. 3
- 71087026032. 4

Question Number : 89 Question Id : 7108706509 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Dry dock is meant for bigger vessels of length

1. 20 to 25 meters
2. 25 to 40 meters
3. 45 to 55 meters
4. 60 meters and above

Options :

- 71087026033. 1
- 71087026034. 2
- 71087026035. 3
- 71087026036. 4

Question Number : 90 Question Id : 7108706510 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Halar Machwa boats are mostly found in

1. Karnataka
2. Gujarat
3. Kerala
4. Goa

Options :

- 71087026037. 1
- 71087026038. 2
- 71087026039. 3
- 71087026040. 4

Question Number : 91 Question Id : 7108706511 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which of the following is a land side facility provided in a fishing harbor?

1. Landing quay
2. Slipway
3. Launching ramp
4. Fish meal factory

Options :

- 71087026041. 1
- 71087026042. 2
- 71087026043. 3
- 71087026044. 4

Question Number : 92 Question Id : 7108706512 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Normally, in a well planned fishing harbour, the entrance of the fishing harbour is located at

1. Left side of the port
2. Right side of the port
3. Middle of the port
4. Backside of the port

Options :

- 71087026045. 1
- 71087026046. 2
- 71087026047. 3
- 71087026048. 4

Question Number : 93 Question Id : 7108706513 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The small tank system of design of a shrimp hatchery was developed in

1. Japan
2. USA
3. India
4. China

Options :

71087026049. 1
71087026050. 2
71087026051. 3
71087026052. 4

Question Number : 94 Question Id : 7108706514 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

If the Rated Standard Oxygen Transfer Rate (SOTR) of a 2-HP paddlewheel aerator is 2.24 Kg O₂ /hr, then the standard aeration efficiency is

1. 1.49 Kg O₂/Kw-hr
2. 1.59 Kg O₂/Kw-hr
3. 2.00 Kg O₂/Kw-hr
4. 1.29 Kg O₂/Kw-hr

Options :

71087026053. 1
71087026054. 2
71087026055. 3
71087026056. 4

Question Number : 95 Question Id : 7108706515 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The technique of selectively controlling the organisms that enter an aquaculture system is known as

1. Sterilization
2. Bioremediation
3. Eradication
4. Disinfection

Options :

- 71087026057. 1
- 71087026058. 2
- 71087026059. 3
- 71087026060. 4

Question Number : 96 Question Id : 7108706516 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

An imaginary line joining the points of equal elevations is known as

1. Off-set
2. Survey line
3. Contour
4. Chain line

Options :

- 71087026061. 1
- 71087026062. 2
- 71087026063. 3
- 71087026064. 4

Question Number : 97 Question Id : 7108706517 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The preferred soil type for construction of an aquaculture pond is

1. Sandy soil
2. Clayey loam
3. Silt
4. Gravel

Options :

- 71087026065. 1
- 71087026066. 2
- 71087026067. 3
- 71087026068. 4

Question Number : 98 Question Id : 7108706518 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

A foot valve is essentially required for

1. Mixed flow pump
2. Reciprocating pump
3. Air lift pump
4. Centrifugal pump

Options :

- 71087026069. 1
- 71087026070. 2
- 71087026071. 3
- 71087026072. 4

Question Number : 99 Question Id : 7108706519 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Tidal range refers to

1. Difference between flood tide and ebb tide
2. Difference between two high tides and two low tides
3. Difference between the higher high water and lower low water in a mixed tide
4. Difference between a spring tide and a neap tide

Options :

- 71087026073. 1
- 71087026074. 2
- 71087026075. 3
- 71087026076. 4

Question Number : 100 Question Id : 7108706520 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The slide slope of an earthen dike mainly depends upon

1. Top width of the dike
2. Pond water depth
3. Type of soil
4. Size of pond

Options :

- 71087026077. 1
- 71087026078. 2
- 71087026079. 3
- 71087026080. 4

Question Number : 101 Question Id : 7108706521 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

For a rectangular shaped cross-section of a feeder channel to carry maximum discharge of water at a depth of 1 m, the base width shall be

1. 2 m
2. 4 m
3. 1 m
4. 3 m

Options :

71087026081. 1
71087026082. 2
71087026083. 3
71087026084. 4

Question Number : 102 Question Id : 7108706522 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The recommended freeboard for a peripheral coastal pond dike located in a flood-free zone is usually

1. 1.00 m
2. 1.50 m
3. 0.60 m
4. 0.20 m

Options :

71087026085. 1
71087026086. 2
71087026087. 3
71087026088. 4

Question Number : 103 Question Id : 7108706523 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

While designing an incubation-cum-hatching circular pool for a carp hatchery, the stocking density of eggs is usually

1. 0.07 million/m³
2. 2.70 million/m³
3. 1.70 million/m³
4. 0.70 million/m³

Options :

71087026089. 1
71087026090. 2
71087026091. 3
71087026092. 4

Question Number : 104 Question Id : 7108706524 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Highly organic soils should not be used as foundation material for construction of dike as they

1. Lead to higher cost of construction
2. Require greater side slope
3. Decompose and cause dike settlement
4. Creates inconvenience in netting

Options :

71087026093. 1
71087026094. 2
71087026095. 3
71087026096. 4

Question Number : 105 Question Id : 7108706525 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The end product of nitrification process is

1. Ammonia
2. Ammonium
3. Nitrite
4. Nitrate

Options :

71087026097. 1
71087026098. 2
71087026099. 3
71087026100. 4

Question Number : 106 Question Id : 7108706526 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The most preferred pond outlet sluice used in a normal aquaculture pond is

1. Open sluice
2. Monk sluice
3. Sluice made of asbestos pipes
4. Sluice made of wooden planks

Options :

71087026101. 1
71087026102. 2
71087026103. 3
71087026104. 4

Question Number : 107 Question Id : 7108706527 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

A rectangular shaped fish culture pond has dimensions of 126 m x 81 m at water surface level and 124 m X 79 m at the bottom. With desired water depth to be hold to be 1 meter, the volume of water in the pond shall be -

1. 10,206 cum
2. 9,796 cum
3. 9,600 cum
4. 10,001 cum

Options :

71087026105. 1
71087026106. 2
71087026107. 3
71087026108. 4

Question Number : 108 Question Id : 7108706528 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Windmill used to lift water is an example of

1. Centrifugal pump
2. Submersible pump
3. Reciprocating pump
4. Booster pump

Options :

71087026109. 1
71087026110. 2
71087026111. 3
71087026112. 4

Question Number : 109 Question Id : 7108706529 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The preferred salinity range of seawater for a shrimp (*P. monodon*) hatchery is

1. 10 - 25 PPT
2. 15 - 30 PPT
3. 19 - 41 PPT
4. 28 - 35 PPT

Options :

- 71087026113. 1
- 71087026114. 2
- 71087026115. 3
- 71087026116. 4

Question Number : 110 Question Id : 7108706530 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The main problem in down flow type submersible bio-filter is

1. Waste deposition
2. Frequent clogging
3. Increased DO level
4. High pH levels

Options :

- 71087026117. 1
- 71087026118. 2
- 71087026119. 3
- 71087026120. 4

Question Number : 111 Question Id : 7108706531 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

To avoid bridging of biofilm between two disks of bio-disk type Rotating Biological Contactor (RBC), the spacing between disks should be

1. Not less than 13 mm
2. More than 25 mm
3. Less than 2 mm
4. Equal to 5 mm

Options :

- 71087026121. 1
- 71087026122. 2
- 71087026123. 3
- 71087026124. 4

Question Number : 112 Question Id : 7108706532 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The calculated length of raceway with a minimum average velocity of 3 cm/sec and water exchange rate 1 per hour is

1. 3.00 m
2. 106.00 m
3. 108.00 m
4. 12.00 m

Options :

- 71087026125. 1
- 71087026126. 2
- 71087026127. 3
- 71087026128. 4

Question Number : 113 Question Id : 7108706533 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

In wastewater treatment, Dissolved Organic Carbon (DOC) and Particulate Organic Carbon (POC) are removed by

1. Drum filter
2. UV tube
3. Sand filter
4. Foam fractionator

Options :

- 71087026129. 1
- 71087026130. 2
- 71087026131. 3
- 71087026132. 4

Question Number : 114 Question Id : 7108706534 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The voltage of a single phase system reaches a peak value

1. Once in each cycle
2. Twice in each cycle
3. Thrice in each cycle
4. Always

Options :

- 71087026133. 1
- 71087026134. 2
- 71087026135. 3
- 71087026136. 4

Question Number : 115 Question Id : 7108706535 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Requirement of an auxiliary system is a must to start a

1. 3-phase induction motor
2. Single phase induction motor
3. 3-phase and single phase induction motors both
4. DC motor

Options :

- 71087026137. 1
- 71087026138. 2
- 71087026139. 3
- 71087026140. 4

Question Number : 116 Question Id : 7108706536 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The difference between a Radar and a Sonar is

1. Radar detection relies on radio waves while Sonar uses sound waves
2. Radar detection relies on infrared while Sonar uses sound waves
3. Radar detection relies on sound waves while Sonar uses infrared
4. Radar detection relies on sound waves while Sonar uses radio waves

Options :

- 71087026141. 1
- 71087026142. 2
- 71087026143. 3
- 71087026144. 4

Question Number : 117 Question Id : 7108706537 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The most commonly used navigational device in a normal fishing vessel is

1. Echo-sounder
2. Sonar
3. Radar
4. GPS

Options :

71087026145. 1
71087026146. 2
71087026147. 3
71087026148. 4

Question Number : 118 Question Id : 7108706538 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The plate freezers usually operate at about

1. -10°C
2. -15°C
3. -40°C
4. -60°C

Options :

71087026149. 1
71087026150. 2
71087026151. 3
71087026152. 4

Question Number : 119 Question Id : 7108706539 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

One ton of refrigeration is equal to

1. 1.34 KW
2. 0.746 KW
3. 3.517 KW
4. 1.0 KW

Options :

- 71087026153. 1
- 71087026154. 2
- 71087026155. 3
- 71087026156. 4

Question Number : 120 Question Id : 7108706540 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The site suitable for establishment of a coastal shrimp farm in India is

1. Mangrove swamps
2. Salt pans
3. Agricultural lands in costal plains
4. Non-agricultural land located outside CRZ

Options :

- 71087026157. 1
- 71087026158. 2
- 71087026159. 3
- 71087026160. 4