

# Question Paper Preview

## Notations :

- Options shown in green color and with ✓ icon are correct.
- Options shown in red color and with ✗ icon are incorrect.

<b>Question Paper Name:</b>	Subject Paper Code FDA585 4th May 2017 Shift 2
<b>Subject Name:</b>	Subject Paper Code FDA585
<b>Creation Date:</b>	2017-05-04 17:08:39
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<b>Total Marks:</b>	150
<b>Display Marks:</b>	No
<b>Calculator:</b>	Scientific
<b>Magnifying Glass Required?:</b>	No
<b>Ruler Required?:</b>	No
<b>Eraser Required?:</b>	No
<b>Scratch Pad Required?:</b>	No
<b>Rough Sketch/Notepad Required?:</b>	No
<b>Protractor Required?:</b>	No

## Subject Paper Code FDA585

Group Number :	1
Group Id :	798407100
Group Maximum Duration :	0
Group Minimum Duration :	150
Revisit allowed for view? :	No
Revisit allowed for edit? :	No
Break time:	0
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Group Marks:	150

## Subject Paper Code FDA585

Section Id :	798407100
Section Number :	1
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	150
Number of Questions to be attempted:	150
Section Marks:	150
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	798407127
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 79840714878 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Myriophyllum is a good example of :

Options :

1. ✘ Live-bearer fish
2. ✘ Egg layer fish
3. ✔ Aquarium plant
4. ✘ Sea coral

Question Number : 2 Question Id : 79840714879 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

The highest number of ornamental fish from India is being exported via :

Options :

1. ✔ Kolkata
2. ✘ Mumbai
3. ✘ Chennai
4. ✘ Cochin

Question Number : 3 Question Id : 79840714880 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

The king of the aquarium fish is :

Options :

1. ✘ Gold fish
2. ✘ Loach
3. ✘ Guppy
4. ✔ Angel fish

Question Number : 4 Question Id : 79840714881 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Breeding tubercles are developed in :

Options :

1. ✔ Male gold fish
2. ✘ Female gold fish
3. ✘ Female live-bearer
4. ✘ Male live bearer

Question Number : 5 Question Id : 79840714882 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Spawning mops are used for breeding of :

Options :

1. ✘ Fighter fish
2. ✘ Angel fish
3. ✔ Gold fish
4. ✘ Guppy

Question Number : 6 Question Id : 79840714883 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

For spawning gold fish, ratio of male to female is maintained in the breeding tank as :

Options :

1. ✘ 1: 2
2. ✘ 1: 3
3. ✔ 2: 1
4. ✘ 1: 1

Question Number : 7 Question Id : 79840714884 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Fish species that show parental care for their offspring :

Options :

1. ✘ *Danio rerio*
2. ✘ *Barilius barila*
3. ✔ *Betta splendens*
4. ✘ *Carassius auratus*

Question Number : 8 Question Id : 79840714885 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Average fecundity of gold fish is :

Options :

1. ✘ 200-300 eggs
2. ✘ 500-600 eggs
3. ✔ 2000-3000 eggs
4. ✘ 5000-6000 eggs

Question Number : 9 Question Id : 79840714886 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

The scientific name of rosy barb is :

Options :

1. ✘ *Puntius tetrazona*
2. ✘ *P. ticto*
3. ✔ *P. conchoni*
4. ✘ *P. sophore*

Question Number : 10 Question Id : 79840714887 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Parents mature very quickly and lay their eggs before dying when the water dries up and the eggs remain in dormant stage. Which fish are we talking about?

Options :

1. ✘ Flying barb
2. ✘ Angel fish
3. ✘ Devil cat fish
4. ✔ Killi fish

Question Number : 11 Question Id : 79840714888 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Two males should not be kept in the same tank, because they will fight each other. Name the species.

Options :

1. ✘ *Xiphophorus helleri*
2. ✘ *Colisa fasciatus*
3. ✔ *Betta splendens*
4. ✘ *Botia Dario*

Question Number : 12 Question Id : 79840714889 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

At low levels this may also have a mild sedative effect during transport of ornamental fish.

Options :

1. ✘ Salinity
2. ✘ Ammonia
3. ✔ Carbon-di-oxide
4. ✘ Suspended solids

Question Number : 13 Question Id : 79840714890 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Starving the fishes before packing for transportation is known as :

Options :

1. ✘ Acclimatization
2. ✘ Sedation
3. ✔ Conditioning
4. ✘ Quarantining

Question Number : 14 Question Id : 79840714891 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

For air transport, the gross weight of the pack should not exceed \_\_\_\_\_ as per airline requirements.

Options :

1. ✘ 3 kg
2. ✔ 10 kg
3. ✘ 20 kg
4. ✘ 40 kg

Question Number : 15 Question Id : 79840714892 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Example of a sedative used for aquarium fish transport :

Options :

1. ✘ Chloramphenicol
2. ✘ Methylene blue
3. ✘ Acriflavin
4. ✔ Paraldehyde

Question Number : 16 Question Id : 79840714893 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

MAC in ornamental fish stands for :

Options :

1. ✓ Marine aquarium council
2. ✗ Marine aquatic council
3. ✗ Marine aquarium centre
4. ✗ Major accreditation centre

Question Number : 17 Question Id : 79840714894 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

The International Organization for Standardization (ISO) defines certification as :

Options :

1. ✗ First party
2. ✗ Second party
3. ✓ Third party
4. ✗ Fourth party

Question Number : 18 Question Id : 79840714895 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Ornamental Aquatic Trade Association (OATA) was established in 1991 in :

Options :

1. ✗ China
2. ✗ Japan
3. ✗ Brazil
4. ✓ UK

Question Number : 19 Question Id : 79840714896 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Which of the following genetic improvement programme takes long time ?

Options :

1. ✓ Selective breeding
2. ✗ Transgenesis
3. ✗ Androgenesis
4. ✗ Gynogenesis

Question Number : 20 Question Id : 79840714897 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Sex linked inheritance of black spot on dorsal fin of guppy is controlled by :

Options :

1. ✓ X linked gene
2. ✗ Y linked gene
3. ✗ Z linked gene
4. ✗ Both Y and Z linked gene

Question Number : 21 Question Id : 79840714898 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Flower horn is a

Options :

1. ✓ Hybrid of cichlids
2. ✗ Breed developed through selective breeding
3. ✗ Transgenic fish
4. ✗ Normal breed of gourami

Question Number : 22 Question Id : 79840714899 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

To get more of attractive male population of a fish, the genetic manipulation method that can be experimented is

Options :

1. ✓ Androgenesis
2. ✗ Gynogenesis
3. ✗ Hybridisation
4. ✗ Selective breeding

Question Number : 23 Question Id : 79840714900 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Which of the following ornamental fish has been reported for transgenesis?

Options :

1. ✗ Guppy
2. ✓ Zebra fish
3. ✗ Angel fish
4. ✗ Discus

Question Number : 24 Question Id : 79840714901 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Dropsy, a bacterial disease, reported in ornamental fish due to infection by :

Options :

1. ✓ Aeromonas
2. ✗ Pseudomonas
3. ✗ Mycobacterium
4. ✗ Flexibacter

Question Number : 25 Question Id : 79840714902 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

The parasite commonly causing white spot disease in ornamental fish is :

Options :

1. ✓ Ichthyophthirius sp
2. ✗ Ichthyobodo sp.
3. ✗ Piscinodinium sp.

4. ✘ Tetrahymnea sp.

Question Number : 26 Question Id : 79840714903 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Oesophagus is long and large in :

Options :

1. ✔ Carnivorous fishes
2. ✘ Herbivorous
3. ✘ Omnivorous
4. ✘ None of the given options

Question Number : 27 Question Id : 79840714904 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

The oldest living fish is :

Options :

1. ✘ Sturgeon
2. ✔ Coelocanth
3. ✘ Anabas
4. ✘ Diodon

Question Number : 28 Question Id : 79840714905 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Which among the following is a direct method for growth determination in fish?

Options :

1. ✘ Peterson method
2. ✘ Modal Progression Analysis
3. ✔ Tagging
4. ✘ All the given options

Question Number : 29 Question Id : 79840714906 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Fish having four kinds of haemoglobin is :

Options :

1. ✘ Sawfish
2. ✘ Goldfish
3. ✘ Sardine
4. ✔ Rainbow trout

Question Number : 30 Question Id : 79840714907 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Ampulla of Lorenzini in fishes is a :

Options :

1. ✔ Thermoreceptor
2. ✘ Photoreceptor
3. ✘ Phonoreceptor

4. ✘ Rheoreceptor

Question Number : 31 Question Id : 79840714908 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

The biological concept of species was put forward by :

Options :

1. ✘ William Harvey
2. ✘ Robert Hooke
3. ✘ Carolus Linnaeus
4. ✔ Charles Darwin

Question Number : 32 Question Id : 79840714909 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

The paratype of the opposite sex to the holotype is known as :

Options :

1. ✔ Allotype
2. ✘ Lectotype
3. ✘ Neotype
4. ✘ Syntype

Question Number : 33 Question Id : 79840714910 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

The Latin term used to indicate a name unused for over 50 years is :

Options :

1. ✘ Nomen dubium
2. ✘ Nomen rejectum
3. ✔ Nomen oblitum
4. ✘ Nomen novum

Question Number : 34 Question Id : 79840714911 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

One of the basic assumptions while using Ford-Walford model is :

Options :

1. ✔ Constant time interval
2. ✘ short time interval
3. ✘ constant K
4. ✘ All the given options

Question Number : 35 Question Id : 79840714912 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Winter migratory bag-net fishery is practiced in the estuary of :

Options :

1. ✔ Hooghly-Matlah
2. ✘ Damaganga
3. ✘ Netravati



4. ✘ Mahanadi

Question Number : 36 Question Id : 79840714913 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Adhesive thoracic apparatus is seen in :

Options :

1. ✘ Tor
2. ✘ Garra
3. ✘ Nemacheilus
4. ✔ Glyptothorax

Question Number : 37 Question Id : 79840714914 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

The phenomenon of both the sexes seen in the same individual is called :

Options :

1. ✘ Dimorphism
2. ✘ Gonochorism
3. ✔ Hermaphroditism
4. ✘ Monomorphism

Question Number : 38 Question Id : 79840714915 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

When smaller sized fishes are caught more in number, it is called:

Options :

1. ✔ Growth overfishing
2. ✘ Recruitment overfishing
3. ✘ Ecosystem overfishing
4. ✘ None of the given options

Question Number : 39 Question Id : 79840714916 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

The gill plates of Unio is also called as :

Options :

1. ✘ Lamellae
2. ✘ Ostia
3. ✔ Ctenidia
4. ✘ None of the given options

Question Number : 40 Question Id : 79840714917 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Gastrosomatic index is given by the formula :

Options :

1. ✔  $(\text{weight of stomach} / \text{weight of fish}) * 100$
2. ✘  $(\text{weight of fish} / \text{weight of the stomach}) * 100$
3. ✘  $(\text{weight of gonad} / \text{weight of the stomach}) * 100$

4. ✘ (weight of stomach / weight of gonad) \* 100

Question Number : 41 Question Id : 79840714918 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Fishes generally feed on crustaceans are known as :

Options :

1. ✔ Carcinivorous
2. ✘ Malacovorous
3. ✘ Piscivorous
4. ✘ Detritivorous

Question Number : 42 Question Id : 79840714919 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

The feeding habit of butterfly fishes is of :

Options :

1. ✔ grazing
2. ✘ sucking
3. ✘ straining
4. ✘ predation

Question Number : 43 Question Id : 79840714920 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Salient character of Notopterids is :

Options :

1. ✘ Two dorsal fins
2. ✘ Elongated pectoral fin rays
3. ✘ operculum serrated
4. ✔ Anal fin confluent with caudal fin

Question Number : 44 Question Id : 79840714921 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Lateral line is not seen in :

Options :

1. ✘ Carangidae
2. ✔ Clupeidae
3. ✘ Siluridae
4. ✘ Cyprinidae

Question Number : 45 Question Id : 79840714922 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Fishes where male gonads develop earlier than female gonads is :

Options :

1. ✘ Protogynous hermaphrodites
2. ✔ Protandrous hermaphrodites
3. ✘ Synchronous hermaphrodites

4. ✘ None of the given options

Question Number : 46 Question Id : 79840714923 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

The number of gills in crabs is :

Options :

1. ✘ 4 pairs
2. ✘ 5 pairs
3. ✘ 6 pairs
4. ✔ 9 pairs

Question Number : 47 Question Id : 79840714924 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

The type of otolith generally used for age and growth studies is :

Options :

1. ✔ Sagitus
2. ✘ Lapillus
3. ✘ Asteriscus
4. ✘ All the given options

Question Number : 48 Question Id : 79840714925 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Ashtarnudi Lake is situated in the state of :

Options :

1. ✘ Karnataka
2. ✔ Kerala
3. ✘ Tamil Nadu
4. ✘ Gujarat

Question Number : 49 Question Id : 79840714926 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Fish called "beef of the sea" is :

Options :

1. ✘ Pacific salmon
2. ✔ Atlantic cod
3. ✘ Capelin
4. ✘ Japanese anchovy

Question Number : 50 Question Id : 79840714927 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Mediterranean and Black sea fall under the FAO marine fishing area :

Options :

1. ✘ 21
2. ✘ 24
3. ✔ 37

4. ✘ 48

Question Number : 51 Question Id : 79840714928 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Which one is not a method of measuring National Income :

Options :

1. ✘ Income method
2. ✘ Expenditure method
3. ✘ Value added method
4. ✔ Cost of Production method

Question Number : 52 Question Id : 79840714929 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Which one is not a measure of Project worth?

Options :

1. ✘ IRR
2. ✘ NPV
3. ✔ Discounting
4. ✘ BCR

Question Number : 53 Question Id : 79840714930 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Which one is not part of project life cycle?

Options :

1. ✘ Initiation
2. ✔ Organization and management
3. ✘ Planning
4. ✘ Execution and Monitoring

Question Number : 54 Question Id : 79840714931 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Total population engaged directly or indirectly in fisheries sector :

Options :

1. ✘ 10 Million
2. ✔ 15 Million
3. ✘ 5Million
4. ✘ 20 Million

Question Number : 55 Question Id : 79840714932 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

If the price of the factors of production is reduced then supply of commodity will :

Options :

1. ✘ Remain unchanged
2. ✔ Increase
3. ✘ Decrease

4. ✘ First decrease then increase

Question Number : 56 Question Id : 79840714933 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

When production or consumption impose external costs on third parties it is called :

Options :

1. ✘ Market failure
2. ✘ Positive externalities
3. ✔ Negative externalities
4. ✘ Diseconomies of scale

Question Number : 57 Question Id : 79840714934 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Which of the following is correct?

Options :

1. ✔  $MPC + MPS = 1$
2. ✘  $APC + APS = 1$
3. ✘  $MPC + APC = 1$
4. ✘  $MPS + APS = 1$

Question Number : 58 Question Id : 79840714935 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Balance of Payment (BOP) of a country accounts includes transactions of :

Options :

1. ✘ Visible items
2. ✘ invisible items
3. ✔ Visible and invisible items
4. ✘ Transaction of services

Question Number : 59 Question Id : 79840714936 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Price elasticity of demand for essential goods are :

Options :

1. ✔  $< 1$
2. ✘  $> 1$
3. ✘ +Infinite
4. ✘ -Infinite

Question Number : 60 Question Id : 79840714937 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

India's share in global fish production is :

Options :

1. ✔ 6 Percent
2. ✘ 9 Percent
3. ✘ 3 Percent

4. ✘ 12 Percent

Question Number : 61 Question Id : 79840714938 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

An investment project is called economically viable if the :

Options :

1. ✘  $BCR > 0$
2. ✘  $BCR < 1$
3. ✔  $BCR > 1$
4. ✘  $BCR < 0$

Question Number : 62 Question Id : 79840714939 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Among all technically feasible combinations of output and inputs, only the combination encompassing a maximum output for a specified set of inputs is called :

Options :

1. ✘ Technical efficiency
2. ✘ Economic efficiency
3. ✔ Production function
4. ✘ Production Possibility Curve(PPC)

Question Number : 63 Question Id : 79840714940 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

First fishermen cooperative society in India was established in year :

Options :

1. ✘ 1904
2. ✘ 1918
3. ✘ 1912
4. ✔ 1913

Question Number : 64 Question Id : 79840714941 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Multistate Cooperative Societies Act was passed in year :

Options :

1. ✘ 1919
2. ✘ 1942
3. ✔ 1984
4. ✘ 1912

Question Number : 65 Question Id : 79840714942 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Quarterly journal "FISHCOOPS" is published by :

Options :

1. ✘ NCDC
2. ✘ NABARD

3. ✓ FISHCOPFED

4. ✗ NFDB

Question Number : 66 Question Id : 79840714943 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

The first Co-operative Credit Societies Act was passed in the country in year :

Options :

1. ✓ 1904

2. ✗ 1903

3. ✗ 1901

4. ✗ 1912

Question Number : 67 Question Id : 79840714944 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Which of the following is not a cryoprotectant ?

Options :

1. ✗ DMSO

2. ✗ Ethylene Glycol

3. ✗ Glycerol

4. ✓ NaCl

Question Number : 68 Question Id : 79840714945 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

What is the temperature of liquid nitrogen used for cryopreservation?

Options :

1. ✗ -79°C

2. ✓ -196°C

3. ✗ 0°C

4. ✗ 4° C

Question Number : 69 Question Id : 79840714946 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

A gently and slow current velocity varying from\_\_\_\_\_km/h is conducive for spawn collection in river.

Options :

1. ✓ 0.5 to 3.0

2. ✗ 2 to 5

3. ✗ 5 to 7

4. ✗ 7 to 10

Question Number : 70 Question Id : 79840714947 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

\_\_\_\_\_stage of salmon is known as final freshwater stage.

Options :

1. ✗ smolt

2. ✗ parr

3. ✓ kelt
4. ✗ alevin

Question Number : 71 Question Id : 79840714948 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

The colour of good quality eggs of salmon is :

Options :

1. ✗ brown to black
2. ✗ bluish
3. ✗ greenish
4. ✓ orange to red

Question Number : 72 Question Id : 79840714949 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Aerial respiration in magur hatchling start from :

Options :

1. ✗ 3rd day
2. ✗ 5th day
3. ✓ 11th day
4. ✗ 30th day

Question Number : 73 Question Id : 79840714950 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Gonadotropin is secreted from :

Options :

1. ✓ hypothalamus
2. ✗ pituitary
3. ✗ thyroid
4. ✗ pancreas

Question Number : 74 Question Id : 79840714951 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

For eradication of predatory and weed fish mahua oil cake is used at the rate of :

Options :

1. ✗ 250 kg/ha
2. ✓ 2500 kg/ha
3. ✗ 5000 kg/ha
4. ✗ 10,000 kg/ha

Question Number : 75 Question Id : 79840714952 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Recommended stocking density of spawn in earthen and cement nursery tank are respectively :

Options :

1. ✗ 0.1-0.2 million/ha & 1-2 million/ha
2. ✗ 10-20 million/ha & 3-5 million/ha



3. ✓ 3-5 million/ha & 10-20 million/ha
4. ✗ 10-20 million/ha & 40-50 million/ha

Question Number : 76 Question Id : 79840714953 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Water depth used for rearing the larvae of magur :

Options :

1. ✗ 1-2cm
2. ✓ 10-15 cm
3. ✗ 30-40cm
4. ✗ 50-100 cm

Question Number : 77 Question Id : 79840714954 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

A current velocity \_\_\_\_\_m/sec is needed in spawning pool.

Options :

1. ✗ 0.4 to 0.5
2. ✗ 1 to 2
3. ✗ 2 to 3
4. ✓ 3 to 5

Question Number : 78 Question Id : 79840714955 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Male having multiple partners is called :

Options :

1. ✗ Polygamous
2. ✓ Polyandrous
3. ✗ Monogamous
4. ✗ Digamous

Question Number : 79 Question Id : 79840714956 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Breeding ground of bundh is known as :

Options :

1. ✗ Dhal
2. ✗ Cherra
3. ✓ Moan
4. ✗ Bullan

Question Number : 80 Question Id : 79840714957 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

The rate of population growth is measured by :

Options :

1. ✗ Mode
2. ✓ G.M.

3. ✘ Median

4. ✘ H.M.

Question Number : 81 Question Id : 79840714958 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

The mean and variance are equal in :

Options :

1. ✘ Binomial Distribution

2. ✔ Poisson Distribution

3. ✘ Normal Distribution

4. ✘ None of the given options

Question Number : 82 Question Id : 79840714959 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

The representative part of population is :

Options :

1. ✔ Sample

2. ✘ Sample frame

3. ✘ Sample error

4. ✘ None of the given options

Question Number : 83 Question Id : 79840714960 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Normal distribution curve is a :

Options :

1. ✘ Very flat

2. ✔ Bell shaped

3. ✘ Very peaked

4. ✘ Smooth

Question Number : 84 Question Id : 79840714961 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Enforcement year of UNCLOS is:

Options :

1. ✔ 1994

2. ✘ 1991

3. ✘ 1996

4. ✘ 1995

Question Number : 85 Question Id : 79840714962 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Aurellia is commonly known as:

Options :

1. ✔ Jelly fish

2. ✘ Umbrella fish

3. ✘ Dog fish
4. ✘ Goat fish

Question Number : 86 Question Id : 79840714963 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Optimum salinity required for spontaneous spawning of milk fish is :

Options :

1. ✘ 15-18 ppt
2. ✔ 26 ppt
3. ✘ 32-35ppt
4. ✘ 5-10 ppt

Question Number : 87 Question Id : 79840714964 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

The shell envelop of vitelline membrane of egg is known as :

Options :

1. ✔ Chorion
2. ✘ Micropyle
3. ✘ Blastomere
4. ✘ None of the given options

Question Number : 88 Question Id : 79840714965 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

The average length of catla hatchling is :

Options :

1. ✘ 3.78 - 4.63 mm
2. ✔ 4.2 - 5.3 mm
3. ✘ 4.5 - 6.9 mm
4. ✘ 2 - 2.5 mm

Question Number : 89 Question Id : 79840714966 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Diluent and milt ratio for cryopreservation of fish spermatozoa is :

Options :

1. ✘ 2 : 1
2. ✘ 4 : 2
3. ✔ 4 : 1
4. ✘ 10 : 4

Question Number : 90 Question Id : 79840714967 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

100% female offspring of tilapia will be produced by crossing between :

Options :

1. ✘ *Oreochromis variabilis* (male) and *O. niloticus* (female)
2. ✘ *O. macrochir* (male) and *O. niloticus* (female)

3. ✓ *O. niloticus* (male) and *O. mossambicus* (female)

4. ✗ None of the given options

Question Number : 91 Question Id : 79840714968 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

The primary structure of a nucleic acid is its :

Options :

1. ✗ Stable structure

2. ✓ Covalent structure

3. ✗ Stable structure and Covalent structure

4. ✗ None of the given options

Question Number : 92 Question Id : 79840714969 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

The complex folding of large chromosomes within eukaryotic chromatin and bacterial nucleotides is generally considered as :

Options :

1. ✓ Tertiary structure

2. ✗ Quaternary structure

3. ✗ Secondary structure

4. ✗ None of the given options

Question Number : 93 Question Id : 79840714970 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

One helical turn of DNA is equal to :

Options :

1. ✓ 3.4 nm

2. ✗ 3.3 nm

3. ✗ 3.8 nm

4. ✗ 6.8 nm

Question Number : 94 Question Id : 79840714971 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

The product of transcription of DNA is always :

Options :

1. ✗ Double stranded RNA

2. ✓ Single stranded RNA

3. ✗ Double stranded RNA and Single stranded RNA

4. ✗ None of the given options

Question Number : 95 Question Id : 79840714972 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Transcription of a eukaryotic gene results in the production of a :

Options :

1. ✓ Heterogeneous nuclear RNA transcript (hn RNA).

- ✘ Homogenous nuclear DNA transcript (hn DNA)
- ✘ Heterogeneous nuclear RNA transcript (hn RNA) and Homogenous nuclear DNA transcript (hn DNA)
- ✘ None of the given options

Question Number : 96 Question Id : 79840714973 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

The transcription of DNA is essentially carried out by which enzyme :

Options :

- ✘ RNA Dependent DNA polymerase
- ✔ DNA Dependent RNA polymerase
- ✘ RNA Dependent DNA polymerase and DNA Dependent RNA polymerase
- ✘ None of the given options

Question Number : 97 Question Id : 79840714974 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Microsatellite DNA usually consists of :

Options :

- ✘ Ten to twenty long repeats
- ✔ One to four nucleotides long repeats
- ✘ Ten to sixty tandem repeats
- ✘ Sixty to Hundred nucleotides long repeats

Question Number : 98 Question Id : 79840714975 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Expressed sequence tag (ESTs) are useful for the development of genome mapping by :

Options :

- ✘ RNA microarrays
- ✔ cDNA microarrays
- ✘ RNA microarrays and
- ✘ Recombinant DNA Technology

Question Number : 99 Question Id : 79840714976 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

National Institute of Oceanography, involved in discovery of bioactive compounds from marine organisms having applications in pharmaceuticals, nutraceuticals, industrial products and biotechnological tools, is located at :

Options :

- ✘ Chennai
- ✘ Kochi
- ✔ Goa
- ✘ Bhavnagar

Question Number : 100 Question Id : 79840714977 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Termination process in translation involves the production of a polypeptide which is controlled by an enzyme :

Options :

1. ✓ tRNA transferase
2. ✗ peptidyl transferase
3. ✗ aminoacyl transferase
4. ✗ None of the given options

Question Number : 101 Question Id : 79840714978 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Fish that migrates in water of same salinity is known as :

Options :

1. ✗ Amphihaline
2. ✓ Holohaline
3. ✗ Catadromous
4. ✗ Anadromous

Question Number : 102 Question Id : 79840714979 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Capillaries in all gill arches are present in :

Options :

1. ✗ *Neoceratodus forsteri*
2. ✓ *Protopterus aethiopicus*
3. ✗ *Lepidosiren paradoxa*
4. ✗ None of the given options

Question Number : 103 Question Id : 79840714980 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Cutaneous respiration can be observed in :

Options :

1. ✗ Larval Swamp Eel
2. ✗ Larval Swamp Eel and Post-hatch Lungfish
3. ✓ None of the given options
4. ✗ Post-hatch Lungfish

Question Number : 104 Question Id : 79840714981 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

RLG value is high in :

Options :

1. ✓ Herbivorous Fish
2. ✗ Carnivorous Fish
3. ✗ Omnivorous Fish
4. ✗ None of the given options

Question Number : 105 Question Id : 79840714982 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Structure(s) associated with respiration in Pila :

Options :

1. ✘ Ctenidium
2. ✘ Pulmonary Sac
3. ✔ Ctenidium and Pulmonary Sac
4. ✘ None of the given options

Question Number : 106 Question Id : 79840714983 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Sinus gland holds the hormones liberated from :

Options :

1. ✔ X organ
2. ✘ Y organ
3. ✘ X organ and Y organ
4. ✘ None of the given options

Question Number : 107 Question Id : 79840714984 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Lateral line receptors are :

Options :

1. ✘ Mesodermal derivative
2. ✔ Endodermal derivative
3. ✘ Epidermal derivative
4. ✘ None of the given options

Question Number : 108 Question Id : 79840714985 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Kind of migration, observed in *Anguilla bengalensis* is :

Options :

1. ✘ Anadromous
2. ✘ Potamodromous
3. ✘ Amphidromous
4. ✔ Catadromous

Question Number : 109 Question Id : 79840714986 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Types of gills present in prawn are :

Options :

1. ✘ Podobranch and Arthrobranch
2. ✘ Podobranch and Pleurobranch
3. ✘ Arthrobranch and Pleurobranch
4. ✔ Podobranch, Arthrobranch and Pleurobranch

Question Number : 110 Question Id : 79840714987 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Osphradium is related to :

Options :

1. ✓ Taste
2. ✗ Hearing
3. ✗ Vision
4. ✗ Mastication

Question Number : 111 Question Id : 79840714988 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

The largest endocrine gland in teleost fishes is :

Options :

1. ✗ Thyroid
2. ✗ Pituitary
3. ✓ Gastrointestinal tract
4. ✗ Pancreas

Question Number : 112 Question Id : 79840714989 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Rod pigment present in deep sea fishes is :

Options :

1. ✗ Rhodopsin
2. ✓ Chrysopsin
3. ✗ Rhodopsin and Chrysopsin
4. ✗ None of the given options

Question Number : 113 Question Id : 79840714990 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Luminescence, and photophores in freshwater fishes are :

Options :

1. ✓ Absent
2. ✗ Present
3. ✗ Fragmentary
4. ✗ None of the given options

Question Number : 114 Question Id : 79840714991 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Facial and auditory cranial nerves in fishes supply nervous connection to the :

Options :

1. ✗ Mandibular region
2. ✓ Hyoid region
3. ✗ Pre-mandibular region
4. ✗ None of the given options

Question Number : 115 Question Id : 79840714992 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

IgW is found in :

Options :



1. ✘ Bony fishes
2. ✔ Cartilaginous fishes
3. ✘ Bony fishes and Cartilaginous fishes
4. ✘ None of the given options

Question Number : 116 Question Id : 79840714993 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Vertical migration in fishes is influenced by :

Options :

1. ✔ Light intensity
2. ✘ Temperature
3. ✘ Light intensity and Temperature
4. ✘ None of the given options

Question Number : 117 Question Id : 79840714994 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Fish heart is :

Options :

1. ✘ S shaped and 2 chambered
2. ✘ S shaped and 3 chambered
3. ✔ S shaped and 4 chambered
4. ✘ None of the given options

Question Number : 118 Question Id : 79840714995 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Chloride cell in marine teleost is involved with :

Options :

1. ✘ Nervous activity
2. ✘ Reproduction
3. ✔ Osmoregulation
4. ✘ None of the given options

Question Number : 119 Question Id : 79840714996 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Introduction of technology is not enough to promote its use, extension must offer focus on:

Options :

1. ✘ Adoption of indigenous ideas
2. ✔ Diffusion of technologies
3. ✘ Mobilization of farmers
4. ✘ Large farm demonstration

Question Number : 120 Question Id : 79840714997 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Training and visit system is essentially an effective :

Options :

1. ✘ Visit system
2. ✔ Management system
3. ✘ Training system
4. ✘ Communication system

Question Number : 121 Question Id : 79840714998 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

The extension objectives in practice are:

Options :

1. ✘ Educational only
2. ✘ Production oriented only
3. ✔ Educational only and Production oriented only
4. ✘ None of the given options

Question Number : 122 Question Id : 79840714999 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

The participation of people in an extension programme is :

Options :

1. ✘ Compulsory
2. ✘ Involuntary
3. ✔ Voluntary
4. ✘ None of the given options

Question Number : 123 Question Id : 79840715000 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

The basic unit of extension work is :

Options :

1. ✘ Individual
2. ✔ Family
3. ✘ Society
4. ✘ Community

Question Number : 124 Question Id : 79840715001 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

The person considered as father of extension is:

Options :

1. ✔ James Stuart
2. ✘ Edgar Dale
3. ✘ Seaman A Knapp
4. ✘ Paul Leagans

Question Number : 125 Question Id : 79840715002 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

In extension teaching, the teacher should first know:

Options :

1. ✘ Subject matter
2. ✘ Place of teaching
3. ✘ Teaching aids
4. ✔ Attitude of the learner

Question Number : 126 Question Id : 79840715003 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Progressive behaviour adaptation of an individual to a stimulus is called :

Options :

1. ✔ Learning
2. ✘ Perceiving
3. ✘ Teaching
4. ✘ Listening

Question Number : 127 Question Id : 79840715004 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Farm science centre is a synonym of :

Options :

1. ✘ FTC
2. ✔ KVK
3. ✘ FDC
4. ✘ Teleclub

Question Number : 128 Question Id : 79840715005 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Indian council of Agricultural Research is a :

Options :

1. ✘ Educational organization
2. ✔ Registered co-operative
3. ✘ Research Institute
4. ✘ None of the given options

Question Number : 129 Question Id : 79840715006 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

The democratic philosophy of fisheries extension education is :

Options :

1. ✘ Philosophy of realism
2. ✘ Philosophy of socialism
3. ✔ Philosophy of pragmatism
4. ✘ Philosophy of humanism

Question Number : 130 Question Id : 79840715007 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

We usually learn our roles :

Options :

1. ✘ Because we have to
2. ✘ Without formal instruction
3. ✔ Involuntarily
4. ✘ Because we want to

Question Number : 131 Question Id : 79840715008 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Use of psychological tools in training /learning is otherwise known as :

Options :

1. ✘ Simulation exercise
2. ✔ Instructional exercise
3. ✘ Sensitivity exercise
4. ✘ Laboratory exercise

Question Number : 132 Question Id : 79840715009 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Participatory development process is referred as :

Options :

1. ✘ Demand-driven planning
2. ✘ Horizontal planning
3. ✘ Vertical planning
4. ✔ Bottom up planning

Question Number : 133 Question Id : 79840715010 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Influencing people so that they contribute to the organization and group-goal is called as :

Options :

1. ✘ Staffing
2. ✘ Planning
3. ✔ Organizing
4. ✘ Leading

Question Number : 134 Question Id : 79840715011 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Blood clotting require :

Options :

1. ✘ Vitamin A
2. ✔ Vitamin K
3. ✘ Vitamin C
4. ✘ Vitamin B12

Question Number : 135 Question Id : 79840715012 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Synthesis of new glucose molecule from non-carbohydrate source is called :

Options :

1. ✘ Glycolyses
2. ✔ Gluconeogeneses
3. ✘ Glycogenolysis
4. ✘ All the given options

Question Number : 136 Question Id : 79840715013 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Vitamin B6 is a collective term to represent :

Options :

1. ✘ pyridoxal
2. ✘ pyredoxamine
3. ✔ pyridoxine
4. ✘ All the given options

Question Number : 137 Question Id : 79840715014 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Water soluble vitamin having antioxidant property :

Options :

1. ✘ Tocopherol
2. ✘ BHA
3. ✔ Ascorbic acid
4. ✘ None of the given options

Question Number : 138 Question Id : 79840715015 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Nucleotides are the building blocks of :

Options :

1. ✘ DNA
2. ✘ RNA
3. ✔ DNA and RNA
4. ✘ None of the given options

Question Number : 139 Question Id : 79840715016 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Oxidation of unsaturated fats occur at methylene group adjacent to the :

Options :

1. ✘ Carboxylic group
2. ✔ Double bond
3. ✘ Methyl group
4. ✘ None of the given options

Question Number : 140 Question Id : 79840715017 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

An example of aromatic amino acid :

Options :

1. ✘ Glycine
2. ✘ Proline
3. ✔ Tryptophan
4. ✘ All the given options

Question Number : 141 Question Id : 79840715018 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Tyrosine is a :

Options :

1. ✘ Essential amino acid
2. ✔ Non-essential amino acid
3. ✘ Semi essential amino acid
4. ✘ All the given options

Question Number : 142 Question Id : 79840715019 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Seaweeds are rich in :

Options :

1. ✘ Proteins
2. ✘ Fat
3. ✔ Minerals
4. ✘ None of the given options

Question Number : 143 Question Id : 79840715020 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

A signal for initiation of transcription :

Options :

1. ✘ GABA
2. ✔ TATA box
3. ✘ TXA2
4. ✘ None of the given options

Question Number : 144 Question Id : 79840715021 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Pre-treatment of water in coastal shrimps is done with :

Options :

1. ✔ Bleaching powder
2. ✘ Lime
3. ✘ UV
4. ✘ Ammonia gas

Question Number : 145 Question Id : 79840715022 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

The Indian Fisheries Act came into being in:

Options :

1. ✘ 1987
2. ✔ 1897
3. ✘ 1887
4. ✘ 1989

Question Number : 146 Question Id : 79840715023 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

The coastal Aquaculture Authority was established in the year:

Options :

1. ✔ 2005
2. ✘ 2002
3. ✘ 2008
4. ✘ 2010

Question Number : 147 Question Id : 79840715024 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

In which state of India fish seed Act was first adopted by the state Assembly?

Options :

1. ✘ Andhra Pradesh
2. ✔ Assam
3. ✘ Tripura
4. ✘ Kerala

Question Number : 148 Question Id : 79840715025 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

Which one of the following groups is not covered by Indian Wildlife Protection Act, 1972 ?

Options :

1. ✘ Seahorse
2. ✘ Turtle
3. ✘ Whale
4. ✔ None of the given options

Question Number : 149 Question Id : 79840715026 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

The largest fish producing country in the world :

Options :

1. ✘ Peru
2. ✔ China
3. ✘ USA
4. ✘ India

Question Number : 150 Question Id : 79840715027 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.33

India's exclusive economic zone is \_\_\_\_\_ million km<sup>2</sup> :

Options :

1. ✘ 2.02

2. ✔ 2.22

3. ✘ 2.04

4. ✘ 2.25