

FINAL ANSWER KEY

Question 107/2025/OL

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Department Kerala State Co operative Federation for Fisheries
Development Limited MATSYAFED

Question1:-The unicorn cod is a

A:-Clupeid

B:-Perch

C:-Flying fish

D:-Pelagic fish

Correct Answer:- Option-D

Question2:-In India bycatch and discards are maximum in which gear?

A:-Midwater trawls

B:-Demersal trawls

C:-Purse seines

D:-Set bag nets

Correct Answer:- Option-B

Question3:-Through remote sensing Potential Fishing Zone (PFZ) is identified based on

A:-i. Sea surface temperature and
ii. Dissolved oxygen

B:-i. Chlorophyll-a and
ii. Thermocline

C:-i. Phytoplankton and
ii. Zooplankton

D:-i. Chlorophyll-a and
ii. Sea surface temperature

Correct Answer:- Option-D

Question4:-Drastic reduction in fish stock can happen due to

A:-Recruitment overfishing

B:-Toxic algal bloom

C:-El-Nino effect

D:-Growth overfishing

Correct Answer:- Option-A

Question5:-Kerala Marine Fisheries Regulation Act is for the regulation of fisheries in the

A:-EEZ

B:-Traditional sector

C:-Territorial waters

D:-Deep Sea

Correct Answer:- Option-C

Question6:-Lantern fishes are not consumed directly due to the presence of

A:-Wax

B:-Aflatoxin

C:-Mercury content

D:-Lead content

Correct Answer:- Option-A

Question7:-Marine fish landings in 2024 were maximum in which of these states?

A:-Kerala

B:-Karnataka

C:-Maharashtra

D:-Gujarat

Correct Answer:- Option-D

Question8:-Which fishing gear contributed maximum in the oil sardine catch of Kerala?

A:-Ring seines

B:-Drift gillnets

C:-Purse seines

D:-Fish trawls

Correct Answer:- Option-A

Question9:-Why shrimp export from India is banned by USA?

A:-Sea foods are not MSC certified

B:-Pair trawling is practiced in India

C:-High carbon foot print

D:-TED is not implemented

Correct Answer:- Option-D

Question10:-Mid-sea collision of fishing boats and ships can be prevented by using

A:-GPS

B:-AIS

C:-ReALCraft

D:-VHF

Correct Answer:- Option-B

Question11:-Colour code for fishing boats in Kerala is

- A:-i. Black hull
- ii. Pink wheel house
- B:-i. Blue hull
- ii. Orange wheel house
- C:-i. Dark blue hull
- ii. White wheel house
- D:-i. Orange hull
- ii. Blue wheel house

Correct Answer:- Option-B

Question12:-The type of steel used for the construction of fishing boat is

- A:-Stainless steel-304
- B:-Stainless steel-316
- C:-Mild steel
- D:-Aluminium alloy steel

Correct Answer:- Option-C

Question13:-Which description is not correct about *Opisthopterus tardoore*?

- A:-Pelagic
- B:-Tuna live bait
- C:-Neritic
- D:-Amphidromous

Correct Answer:- Option-B

Question14:-The greener and cost-effective fuel for fishing vessels is

- A:-Diesel
- B:-Petrol
- C:-LPG
- D:-Kerosene

Correct Answer:- Option-C

Question15:-Minimum Legal Size is a regulation for

- A:-Landed fish
- B:-Trawl cod end
- C:-Wheel house
- D:-Escape opening of fish trap

Correct Answer:- Option-A

Question16:-Yellow fin tuna is an example of

A:-Anadromous fish stock

B:-Catadromous fish

C:-Straddling stock

D:-Mesopelagic fish

Correct Answer:- Option-C

Question17:-An example of MSC certified fishery in Kerala is

A:-Karikkady fishery of Kollam

B:-Vembanad lake crab fishery

C:-Oceanic squid fishery

D:-Ashtamudi lake clam fishery

Correct Answer:- Option-D

Question18:-Turtle interaction with fishing gear is more common in

A:-Gujarat

B:-West Bengal

C:-Karnataka

D:-Orissa

Correct Answer:- Option-D

Question19:-The most common otter board used in trawl nets in India is

A:-Wooden rectangular otter board

B:-V-form steel otter board

C:-FRP otter board

D:-Oval slotted otter board

Correct Answer:- Option-A

Question20:-Beverton and Holt model is used for the assessment of

A:-Primary production

B:-Secondary production

C:-Myctophids

D:-Fish stocks

Correct Answer:- Option-D

Question21:-Which data is missing in the navigational charts?

A:-Wrecks and obstructions

B:-Tidal currents

C:-Wind speed

D:-Buoys and lights

Correct Answer:- Option-C

Question22:-HDPE is commonly used for the fabrication of

A:-Trawls

B:-Gillnets

C:-Lobster traps

D:-Seine nets

Correct Answer:- Option-A

Question23:-Which one of these is not a fishery dependent parameter?

A:-Length data of fish

B:-Water temperature

C:-Fishing gear

D:-Effort

Correct Answer:- Option-B

Question24:-Organisms which will not damage the fishing gear is

A:-Puffer fish

B:-Scorpion fish

C:-Jelly fish

D:-Dolphin

Correct Answer:- Option-B

Question25:-Pole and line fishing using live baits is practiced in

A:-Kavaratti

B:-Dhamra

C:-Gulf of Mannar

D:-Diamond harbour

Correct Answer:- Option-A

Question26:-Which one of the following statements defined D value in canning process?

A:-Temperature required to bring about a one log or 90% reduction in the time taken to reduce number of spores

B:-Time required to bring about a one log or 90% change in heating temperature

C:-Temperature required for a one log or 90% reduction in the number of spores

D:-Time taken at a given temperature for a one log or 90% reduction in the number of spores

Correct Answer:- Option-D

Question27:-The recommended maximum residual moisture content in freeze-dried seafood is

A:-2%

B:-5%

C:-25%

D:-15%

Correct Answer:- Option-A

Question28:-A popular fermented fish paste product from the Philippines is known as

A:-Nam

B:-Bagoong

C:-Ngapi

D:-Trassi

Correct Answer:- Option-B

Question29:-Protein denaturation in frozen fish mainly affects

A:-Sarcoplasmic proteins

B:-Stroma proteins

C:-Myofibrillar proteins

D:-Collagen

Correct Answer:- Option-C

Question30:-Which one of the following freezers uses liquid nitrogen or carbon dioxide as a freezant?

A:-Cryogenic freezer

B:-Fluidized bed freezer

C:-Spiral freezer

D:-Tunnel freezer

Correct Answer:- Option-A

Question31:-The initial layer of packing for frozen fish block is a

A:-Paper board

B:-LDPE duplex carton

C:-Master carton

D:-Corrugated fibre board

Correct Answer:- Option-B

Question32:-With reference to food irradiation, which one of the following statements is correct?

A:-Dosage for radicidation is 2-4 KGy

B:-Dosage for radurization is 25-70 KGy

C:-Dosage for radappertization is 6-2 KGy

D:-All of the above are correct

Correct Answer:- Option-A

Question33:-Building up of ice below the cold storage floor is called

A:-Freezer burn

B:-Case hardening

C:-Frost heave

D:-Stack burn

Correct Answer:- Option-C

Question34:-Falling rate of drying in fish depends on

A:-Relative Humidity

B:-Fat content

C:-Surface area

D:-Air velocity

Correct Answer:- Option-B

Question35:-The order of post-mortem spoilage process in fish is as follows :

A:-Drop in ATP, autolysis, rigor, bacterial spoilage

B:-Autolysis, drop in ATP, bacterial spoilage, rigor

C:-Autolysis, bacterial spoilage, drop in ATP, rigor

D:-Drop in ATP, rigor, autolysis, bacterial spoilage

Correct Answer:- Option-D

Question36:-Which one of the following organisms is considered as an indicator of fecal pollution?

A:-*Staphylococcus aureus*

B:-*Vibrio cholerae*

C:-*Escherichia coli*

D:-*Pseudomonas aeruginosa*

Correct Answer:- Option-C

Question37:-K value used for the freshness determination of fish is the :

A:-ratio of the sum of inosine and hypoxanthine to the sum of all other ATP breakdown products

B:-ratio of the sum of all other ATP breakdown products to the sum of inosine and hypoxanthine

C:-sum of inosine and hypoxanthine

D:-sum of all ATP breakdown products

Correct Answer:- Option-A

Question38:-Which one of the following is an important objective of FSSAI according to the FSSAI Act, 2006?

A:-Controlling food imports exclusively

B:-Regulating genetically modified food only

C:-Regulating manufacture, storage, distribution, sale and import of safe food

D:-Promoting exports of India food products

Correct Answer:- Option-C

Question39:-Codex Alimentarius Commission was founded jointly by

A:-WHO and the European Union

B:-UNDP and FAO

C:-FAO and USDA

D:-WHO and FAO

Correct Answer:- Option-D

Question40:-Which regulatory authority's approval is required for an Indian seafood processing plant to export to the EU?

A:-FSSAI

B:-EIC

C:-BIS

D:-MPEDA

Correct Answer:- Option-B

Question41:-Which of the following statement is/are correct about Diversity Indices?

- i. Simpson's Index refers to how close in numbers each species in an environment is.
- ii. Shannon-Weiner Index considers both species richness and evenness.
- iii. Evenness Index is a measure of probability - the less diversity, the greater the probability that two randomly selected individuals will be the same species.

A:-Only i and ii

B:-Only i and iii

C:-Only ii

D:-All of the above i, ii and iii

Correct Answer:- Option-C

Question42:-Which of the following can generally survive or adapted to low oxygen?

- i. Sea grasses
- ii. Mangroves
- iii. Corals
- iv. Mudskipper

A:-Only i and ii

B:-Only ii and iii

C:-Only iii and iv

D:-Only ii and iv

Correct Answer:- Option-D

Question43:-Hilsa (*Tenualosa ilisha*) fish are known for their anadromous migration?

A:-Fish that migrate from fresh water down into the sea to spawn

B:-Fish that live in the ocean but swim upstream into freshwater rivers for spawning

C:-Fish that migrate from fresh water to the sea, or vice versa, but not for the purpose of breeding

D:-All of the above

Correct Answer:- Option-B

Question44:-Which of the following statement is / are correct about El Nino?

i. It influences air surface temperature change and precipitation across the globe.

ii. Affect the availability of foods and suitable habitats for fish and other marine species.

iii. It has only positive impact on fisheries and aquaculture.

A:-Only i and ii

B:-Only ii and iii

C:-Only i

D:-Only iii

Correct Answer:- Option-A

Question45:-Which of the following statement is / are correct about Waste water treatment?

i. It is a process used to remove or and convert it so that there is minimum impact on the environment.

ii. Wastewater or sewage undergo primary, secondary, as well as tertiary treatments depending on the end use

iii. Most of the uses of water reclamation are non-potable uses such as washing cars, flushing toilets, etc.

iv. All of the above

A:-Only i and ii

B:-Only ii and iii

C:-Only ii

D:-Only iv

Correct Answer:- Option-D

Question46:-Raft and rack culture methods are used for :

A:-Mussel culture

B:-Freshwater prawn farming

C:-Carp seed rearing

D:-Shrimp hatchery

Correct Answer:- Option-A

Question47:-Scampi refers to :

A:-Marine oyster *Crassostrea madrasensis*

B:-Freshwater prawn *Macrobrachium rosenbergii*

C:-Marine shrimp *Penaeus semisulcatus*

D:-Green Mussel *Perna viridis*

Correct Answer:- Option-B

Question48:-Consider the following statements about brackishwater aquaculture in India :

- a. Andhra Pradesh is the leading state in shrimp farming.
- b. Brackishwater aquaculture is mainly dependent on *Penaeus monodon* and *Litopenaeus vannamei*.
- c. Freshwater carps are the major species cultured in ponds.

Which is/are correct?

A:-a and b

B:-b and c

C:-Only c

D:-All of the above

Correct Answer:- Option-D

Question49:-Choose the correct combination for cage culture mooring components :

Component	Purpose
Float	?
Mooring rope	?
Anchor	?

A:-a

B:-b

C:-c

D:-d

Correct Answer:-**Question Cancelled**

Question50:-In IMTA systems, the ideal trophic arrangement for a fish + shellfish + seaweed combination is :

A:-Herbivorous fish → filter - feeding shellfish → seaweed

B:-Carnivorous fish → shellfish → seaweed

C:-Filter-feeding shellfish → carnivorous fish → seaweed

D:-Any combination works as long as nutrients are available

Correct Answer:- Option-B

Question51:-Match the shellfish species with their main cultured product :

Shellfish	Product
<i>Crassostrea madrasensis</i>	?
<i>Pinctada fucata</i>	?
<i>Scylla serrata</i>	?

Panulirus polyphagus ?

A:-a

B:-b

C:-c

D:-d

Correct Answer:- **Question Cancelled**

Question52:-Assertion (A) : Biofloc technology reduces the need for water exchange in aquaculture.

Reason (R) : Microbial bioflocs consume nitrogenous wastes and serve as a protein-rich feed source.

A:-Both A and R true, R explains A

B:-Both A and R true, R does not explain A

C:-A true, R false

D:-Both false

Correct Answer:- Option-A

Question53:-A farmer stocked *Penaeus vannamei* at 25 individuals/ m^2 in a one hectare pond. After 90 days, average weight reached is 12 g. If the Feed Conversion Ratio (FCR) is 1.5 and survival is 85%, estimate total feed required in kg

A:-a

B:-b

C:-c

D:-d

Correct Answer:- **Question Cancelled**

Question54:-Which of the following is NOT a component of a Recirculating Aquaculture System?

A:-Biofilter

B:-Protein skimmer

C:-Aeration unit

D:-Open earthen pond

Correct Answer:- Option-D

Question55:-In captive breeding of marine finfishes, hormone injection is often used to :

A:-Improve larval survival

B:-Induce spawning in adult females

C:-Increase feed conversion

D:-Control water quality

Correct Answer:- Option-B

Question56:-The global Ornamental fish trade valued by FAO in USD

A:-15-25 million USD

B:-5-10 million USD

C:-1 billion USD

D:-15-30 billion USD

Correct Answer:- Option-D

Question57:-Among ornamental fish livebearers are :

A:-Guppy, Molly, Swordtail, Platy

B:-Goldfish, Koi, Gourami

C:-Discus, Oscar, Angelfish

D:-Catfish, Tetra, Loach

Correct Answer:- Option-A

Question58:-Consider the following statements about marine ornamental fishes :

- i. Clownfish (*Amphiprion spp.*) forms a symbiotic association with sea anemones.
- ii. Marine ornamental breeding in captivity reduces pressure on wild stocks.
- iii. Marine ornamental fishes are generally easier to breed than freshwater species.

Which statement is/are correct?

A:-i and ii

B:-ii and iii

C:-i and iii

D:-i, ii and iii

Correct Answer:- Option-A

Question59:-A marine ornamental hatchery maintains 200 *Amphiprion ocellaris* eggs. If the hatching rate is 90% and larval survival to juvenile stage is 50%, calculate the expected number of juveniles.

A:-a

B:-b

C:-c

D:-d

Correct Answer:- Question Cancelled

Question60:-Which of the following is an ornamental shrimp?

A:-*Penaeus indicus*

B:-*Parapenaeopsis stylifera*

C:-*Penaeus semisulcatus*

D:-*Lysmata amboinensis*

Correct Answer:- Option-D

Question61:-The topical treatment will not work effectively in case of

Ichthyophthirius multifiliis because

A:-The parasite is an Endo Commensal

B:-The parasite is inherently resistant to the topical treatment

C:-The ciliate parasite can escape in water

D:-The parasites actually sit within the epidermis and not on the surface

Correct Answer:- Option-D

Question62:-IHNV causes catastrophic losses to

A:-*Litopenaeus vannamei*

B:-*Penaeus stylirostris*

C:-*Penaeus monodon*

D:-*Penaeus indicus*

Correct Answer:- Option-B

Question63:-The immune response in arthropods do not contain the following stage

A:-an immediate and inductive stage corresponding to the recognition of the non-self-factors

B:-the initiation of B cells

C:-cellular and synthesis stage of effectors

D:-a final humoral and cellular stage of recovery

Correct Answer:- Option-B

Question64:-Which of the following defense molecules or responses in shrimp is not primarily part of their innate immune system?

A:-Lectins

B:-Opsonins

C:-Humoral response

D:-Adaptive immunity

Correct Answer:- Option-D

Question65:-_____ is an anti-apoptotic protein identified in *P. monodon* that exhibits antiviral properties.

A:-Pm-fortilin

B:-Pm-penaeidin

C:-Pm-ferritin

D:-Pm-lectins

Correct Answer:- Option-A

Question66:-A transport host in which the larval stage of a parasite undergoes no development and its only function is to transfer the parasite to the next host

A:-Intermediate host

B:-Primary host

C:-Paratenic host

D:-Secondary host

Correct Answer:- Option-C

Question67:-Oncomiracidium is the free-swimming stage of

A:-monogeneans

B:-digeneans

C:-cestodes

D:-nematodes

Correct Answer:- Option-A

Question68:-Which etiology does EUS have?

A:-Fungus

B:-Viral

C:-Parasitic

D:-Bacterial

Correct Answer:- Option-A

Question69:-Biosecurity measures in aquaculture does not include

A:-Buying SPR brood stock and seeds

B:-Buying SPF brood stock and seeds

C:-Fencing of the premises

D:-Disinfecting the premises

Correct Answer:- Option-A

Question70:-Penicillin was discovered by

A:-Louis pastuer

B:-Sir. Alexander Fleming

C:-Selman Waksman

D:-Watson and Crick

Correct Answer:- Option-B

Question71:-A team of fishery scientists is conducting a study to model the health of a local lake's fish population. They collect several types of data during their surveys. Which of the following is an example of a discrete random variable?

A:-The exact location coordinates (longitude and latitude) of a fish found via sonar

B:-The number of times a fish of a specific species is caught in a net over a one-hour period.

C:-The weight of the total catch from a single fishing boat, in kilograms.

D:-The length of a sampled fish, measured in centimeters

Correct Answer:- Option-B

Question72:-A marine biologist is using a submersible to count the number of a particular species of fish in a designated transect of a coral reef. The fish are known to be randomly distributed and the average number of fish per transect is relatively constant. Which of the following is the most appropriate reason to use the Poisson distribution to model the number of fish counted?

A:-The Poisson distribution is applicable because the number of trials (fish) is large and the probability of success (finding a fish) is small.

B:-The Poisson distribution is appropriate for modelling the number of discrete, random events that occur in a fixed interval of space or time, such as counting fish in a specific transect.

C:-The Poisson distribution is suitable for continuous data and fish counts are continuous

D:-None of these

Correct Answer:- Option-B

Question73:-A team of marine biologists is studying the length of a specific fish species in a large, heterogeneous population. Due to the high number of juveniles, the true population distribution of fish of fish length is known to be positively skewed. To estimate the population's true mean length, the team designs two sampling protocols : Protocol A involves taking 100 random samples, each of size $n = 10$. Protocol B involves taking 100 random samples, each of size $n = 50$. For each protocol, they calculate the mean length of the samples. Given the Central Limit Theorem, which of the following statements about the "sampling distribution of the sample means" is most accurate?

A:-The sampling distribution for Protocol B will be approximately normal with a smaller standard error than the sampling distribution for Protocol A

B:-The sampling distribution for Protocol A will be normal, while the distribution for Protocol B will be positively skewed due to its larger sample size capturing more outliers.

C:-Both sampling distributions will be normal with the same standard error, but Protocol A will have a larger variance due to its smaller sample size.

D:-The sampling distribution of the sample means for both protocols will be positively skewed, mirroring the original population distribution

Correct Answer:- Option-A

Question74:-A fishery scientist uses a least squares regression to study the relationship between the number of fishing days (x) and the total income (y) from sixteen fishing boats. The resulting regression equation is $y = -0.0127 + 0.0180x$. Based on this equation, what is the correct interpretation of the regression coefficient (slope)?

A:-It takes approximately 0.018 days to increase income by 1 unit

B:-For every 1 unit increase in income, the number of fishing days increases by 1.8

C:-It takes approximately 55.56 days to increase income by 1 unit

D:-For every additional fishing day, the income increases by approximately 55.56 units

Correct Answer:- Option-C

Question75:-A fishery scientist models the growth of two different fish populations, Species X and Species Y, using the length-weight relationship $W = aL^b$. For Species X, the calculated parameters are $a = 0.025$ and $b = 3.2$. For Species Y, the parameters are $a = 0.045$ and $b = 2.8$. Assuming both populations are healthy, what is the most accurate conclusion that can be drawn from these parameters?

A:-Both species exhibit isometric growth because their growth patterns are relatively stable over time, despite the different 'a' and 'b' values

B:-Species X is in better condition than Species Y because its 'b' value is higher, while the 'a' value for Species Y indicates it is more streamlined.

C:-Species Y exhibits a better condition factor than Species X, but Species X is becoming more streamlined as it grows.

D:-Species X is experiencing positive allometric growth, meaning it is becoming relatively heavier for its length as it grows. Species Y is experiencing negative allometric growth, becoming more streamlined

Correct Answer:- Option-D

Question76:-The fat content in fish samples was normally distributed with a mean of 200 milligrams (μ) and a standard deviation of 15 milligrams (σ). What proportion of these samples have a fat content above 205 milligrams?

Hint - $P(Z < -0.84) \approx 0.2004$, $P(Z < 0.33) \approx 0.6293$,
 $P(Z < 0.60) \approx 0.7250$ and $P(Z < 0.90) \approx 0.8159$.

A:-0.2004

B:-0.6293

C:-0.7250

D:-0.3707

Correct Answer:- Option-D

Question77:-A fisheries researcher is studying a population of a rare fish species. Based on past studies, the probability that a randomly captured fish is a male is 0.60. The researcher sets out to capture a sample of 5 fish. Which of the following scenarios has the highest probability?

A:-The researcher captures exactly 2 male fish.

B:-The researcher captures exactly 4 male fish

C:-The researcher captures exactly 5 male fish

D:-The researcher captures exactly 1 male fish

Correct Answer:- Option-B

Question78:-In a study of a lake's fish population, the probability that a tagged fish is a bass and is found in the northern part of the lake is 0.05. The probability that any tagged fish is found in the northern part of the lake is 0.25. What is the probability that a tagged fish is a bass, given that it is found in the northern part of the lake?

A:-0.1

B:-0.5

C:-0.2

D:-0.3

Correct Answer:- Option-C

Question79:-A marine biologist wants to estimate the average weight of a fish species in a large lake. To do this, she takes 100 independent random samples, each containing 30 fish. For each sample, she calculates the mean weight. The collection of these 100 mean weights, if the process were repeated for all possible samples of size 30, would represent which of the following?

A:-The distribution of the weights of all individuals fish in the lake

B:-The distribution of the weights of the fish within a single, randomly selected sample.

C:-The single value that is the average weight of all fish in the lake.

D:-The distribution of the means of all possible samples of size 30.

Correct Answer:- Option-D

Question80:-Which of the following methods is most appropriate for a government agency to estimate the total inland fish production from India's vast and diverse network of rivers, reservoirs and ponds?

A:-Employing a stratified random sampling approach, where representative samples are taken from different categories of water bodies (e.g. rivers, lakes, ponds), and then extrapolating the results to estimate the total production

B:-Collecting data only from major commercial fishing ports and extrapolating the total production for the entire country

C:-Using satellite imagery to count the number of water bodies and assuming a fixed average fish yield per unit area.

D:-Conducting a complete census by counting every single fish in every body of water to get an exact number.

Correct Answer:- Option-A

Question81:-Which of the following is a characteristic of non-formal education?

A:-Structured Curriculum

B:-School Environment

C:-Flexible and Learner-centered

D:-Formal Degree Holder

Correct Answer:- Option-C

Question82:-The primary goal of fisheries extension is

A:-To increase the cost of fishing activities

B:-To impose fishing regulations and allied actions

C:-To transfer skills and knowledge to fishers

D:-To promote fish imports and related activities

Correct Answer:- Option-C

Question83:-Which of the following organizations provides credit support to fish

farmers and the SHGs in India?

A:-NFDB

B:-FAO

C:-CMFRI

D:-NABARD

Correct Answer:- Option-D

Question84:-Which Scheme aims to bring a Blue Revolution in India through sustainable and responsible development?

A:-PMSMY

B:-PMMSY

C:-PM KISAN

D:-RKVY

Correct Answer:- Option-B

Question85:-The Marine Fisheries Policy in India is coordinated by

A:-Ministry of Commerce

B:-Ministry of Jal Shakti

C:-Department of Fisheries

D:-Export Traders only

Correct Answer:- Option-C

Question86:-Which of the following is a key stakeholder in Fisheries co-management?

A:-Fishers and Fishing Communities

B:-Tourists

C:-Industrial Workers

D:-Export and Import Traders

Correct Answer:- Option-A

Question87:-The primary aim of the Transfer of Technology process is to

A:-Commercialize rural products

B:-Transfer Innovations from researchers to end-users

C:-Promote Indigenous transfer of knowledge

D:-Conduct Surveys and Economic Growth

Correct Answer:- Option-B

Question88:-Rapid Rural Appraisal is characterized by

A:-Rapid long-term research

B:-Structured survey and Evaluation of Data

C:-Use secondary data sources and analysis

D:-Quick and Cost-effective Data Collection

Correct Answer:- Option-D

Question89:-PRA is primarily different from RRA in that it

A:-Ignores local people and their action

B:-Is less participatory and Action oriented

C:-Emphasizes local people's participation and empowerment

D:-Relies solely on expert opinion and decision making

Correct Answer:- Option-C

Question90:-Introduction of mechanized boats in coastal fisheries has led to

A:-Economic Equality and less support for marginalized community

B:-Harmony between traditional and modern fishermen

C:-Increased conflict over fishing grounds

D:-Decline of fish catch and effort

Correct Answer:- Option-C

Question91:-The Law of Diminishing Returns states that

A:-Marginal output eventually decreases with additional input

B:-Total output increases indefinitely with input

C:-Fixed inputs increase with variable inputs

D:-Cost always increases as production increases

Correct Answer:- Option-A

Question92:-Break Even Price is the price at which

A:-Total revenue exceeds total costs

B:-Total cost equals total revenue

C:-Profit maximization price

D:-Fixed cost are covered in that price

Correct Answer:- Option-B

Question93:-Which of the following would be considered as positive externality?

A:-Overuse of Noise from leisure activities

B:-Traffic congestion

C:-Vaccination reduces the spread of disease

D:-Industrial waste dumped in a river

Correct Answer:- Option-C

Question94:-Expand the term TRIPS

A:-Trade Related International Property Systems

B:-Treaty Regarding Intellectual Property Standards

C:-Trade Regulation on International Patent Rights

D:-Trade Related Aspects of Intellectual Property Rights

Correct Answer:- Option-D

Question95:-Which Accounting concepts ensures that national income includes final goods and services?

A:-Avoidance of Double counting

B:-Matching Principle

C:-Cost principle

D:-Accrual principle

Correct Answer:- Option-A

Question96:-The Indian Fisheries Act, 1897 primarily deals with

A:-Marine Fisheries Regulations

B:-Aquaculture Subsidies and promotion of sales

C:-Prevent destructive fishing practices

D:-Export seafood management

Correct Answer:- Option-C

Question97:-In which Five Year Plan was fisheries development included for the first time in India?

A:-First Plan (1951-56)

B:-Second Plan (1956-61)

C:-Third Plan (1961-66)

D:-Fourth Plan (1969-74)

Correct Answer:- Option-A

Question98:-When was the National Fisheries Development Board established?

A:-2011

B:-2006

C:-2009

D:-2014

Correct Answer:- Option-B

Question99:-Which of the following incentives is commonly provided to encourage women entrepreneurship in fisheries?

A:-Exclusive fishing rights and related alliances

B:-Free equipment without any conditions

C:-Higher subsidy rates and skill development programs

D:-Tax exemption and motivation

Correct Answer:- Option-C

Question100:-What is the primary objective of the government policy on Small Scale Industries?

A:-To promote large scale industrialization and resource mobilization

B:-To encourage small scale industry growth and employment generation

C:-To restrict the entry of new small industries and exit of firms

D:-To increase imports of industrial goods and utilization of resources

Correct Answer:- Option-B