1
The Chairman is ill and we'll have to the meeting for a few days.
(A)
put on
(B)
put of
(C)
put away
(D)
put off
Answer: (D)
2
The cat and the dog have a enemy in the rat.
(A)
same
(B)
common
(C)
mutual
(D)
similar
Answer: (B)
3
He told me that he watching the movie.
(A)
is finished
(B)
was finished
(C)

had finished
(D)
not finished
Answer: (C)
4
He is very good making stories.
(A)
in
(B)
about
(C)
at
(D)
for
Answer: (C)
5
"In questions choose the word opposite in meaning to the given word:
Frailty"
Frailty"
Frailty" (A)
(A)
(A) energy
(A) energy (B)
(A) energy (B) intensity
(A) energy (B) intensity (C)
(A) energy (B) intensity (C) vehemence

6
" In questions choose the word opposite in meaning to the given word:
Prevent"
(A)
protect
(B)
block
(C)
hinder
(D)
induce
Answer: (D)
7
" In questions choose the word opposite in meaning to the given word:
Demolish"
(A)
shift
(B)
build
(C)
repeat
(D)
hide
Answer: (B)
8
"Out of the four alternatives, choose the one which best express the meaning of the word:
Abandon"

248406/2023/IT-FISH (A) Forsake (B) Keep (C) Cherish (D) Enlarge Answer: (A) 9 "Out of the four alternatives, choose the one which best express the meaning of the word: Cease" (A) Begin (B) Stop (C) Create (D) Dull Answer: (B) 10 "In the following sentence a word of phrase is written in bold .For each bold part four word/phrases are listed below each sentence. Choose the word nearest in meaning to bold part. He is a good looking but **insipid** young man." (A)

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arrogant

File No. A-12024/1/2022-Estt-Fisheries-FISH_AN (Computer No. 9700) 248406/2023/IT-FISH (B) unscrupulous (C) sick (D) lacking in spirit Answer: (D) 11 "The following sentences consist of a word or a phrase which is written in bold letters. Each of them is followed by four words of phrases. Select the word or the phrase which is closest to the opposite in meaning of the bold word or phrase? You are advised to show **clemency** to the defeated enemy." (A) callousness (B) mercy (C) leniency (D) kindness Answer: (A) 12 "Select the correct passive form of the given sentence.

6

We have looked at the plan carefully."

The plan was looked at carefully.

The plan is being looked at carefully.

(A)

(B)

(C)	
The plan has been looked at carefully.	
(D)	
The plan have been looked at carefully.	
Answer: (C)	
13	
"Identify the segment in the sentence which contains a grammatical error.	
The man played the flute and led all the mouse out of the town."	
(A)	
all the mouse	
(B)	
the flute and led	
(C)	
out of the town	
(D)	
The man played	
Answer: (A)	
14	
"Select the correct direct form of the given sentence.	
She told her brother that she was going to meet her friend."	
(A)	
She said to her brother, "I was going to meet my friend."	
(B)	
She said to her brother, "She will go to meet her friend."	
(C)	
She said to her brother, "I am gone to meet her friend."	
(D)	

She said to her brother, "I am going to meet my friend."
Answer: (D)
15
Select the incorrectly spelt word.
(A)
conscience
(B)
continuity
(C)
councillor
(D)
conceit
Answer: (C)
16
"Select the most appropriate synonym of the given words.
Ineptitude"
(A)
incompetence
(B)
courage
(C)
gossip
(D)
radical thinking
Answer: (A)
17

Choose the correctly spelt word.
(A)
Maneouvrable
(B)
Manoeuvrrable
(C)
Maneuverable
(D)
Manouverable
Answer: (C)
18
"Pick out most effective word from the given words to fill in the blanks to make the sentence meaningfully complete.
You must your career with all seriousness."
(A)
direct
(B)
complete
(C)
follow
(D)
pursue
Answer: (D)
19
"Pick out most effective word from the given words to fill in the blanks to make the sentence meaningfully complete.
Freedom is not a but our birth right."
(A)
sin
(B)

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(D)

Madhya Pradesh

Answer: (B)

22
Which rainforest is facing a raging fire from over a fortnight?
(A)
Amazon
(B)
Nile
(C)
Congo
(D)
New Guinea
Answer: (C)
23
For which sport, the Op-Blue Freedom has been organized by armed forces veterans?
(A)
Sea Walking
(B)
Scuba Diving
(C)
Jet Skiing
(D)
Wakeboarding
Answer: (B)
24
Who among the following has been appointed as the Chief Operating Officer of RBL Bank?
(A)
Vishwavir Ahuja
(B)
Pankaj Sharma

File No. A-12024/1/2022-Estt-Fisheries-FISH_AN (Computer No. 9700) 248406/2023/IT-FISH (C) PV Bharathi (D) Mrutyunjay Mahapatra Answer: (B) 25 The boundaries of the plates of the earth's crust are the weak zones known as _____ zones. (A) Cosmic (B) Seismic (C) Formic (D) Anaemic Answer: (B) 26 Who becomes fastest Indian to reach 100 ODI wickets? (A) Ajit Agarkar (B) Ravichandran Ashwin

12

(C)

(D)

27

Jasprit Bumrah

Mohammed Shami

Answer: (D)

Which prominent personality has been conferred the Vatican's 'Lamp of Peace of Saint Francis' award?
(A)
Narendra Modi
(B)
Muhammad Yunus
(C)
Sachin Tendulkar
(D)
A.R. Rahman
Answer: (B)
28
What has been the annual growth rate of Indian Population between 2001 and 2011?
(A)
74%
(B)
39%
(C)
64%
(D)
85%
Answer: (C)
29
Kakrapar Atomic Power Station (KAPS-1) is located in which among the following states?
(A)
Maharashtra
(B)
Gujarat
(C)
Goa

248406/2023/IT-FISH (D) Karnataka Answer: (B) 30 On which date, National Panchayati Raj Day is observed? (A) January 20 (B) February 21 (C) March 14 (D) April 24 Answer: (D) 31 What is the full form of DRDL? (A) Differential Research and Documentation Laboratory (B) Department of Research and Development Laboratory (C) Defense Research and Development Laboratory (D) None Answer: (B)

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Which of these is the plant important in sericulture?

32

(A)

Cassia (B) Legumes (C) Pea (D) Mulberry Answer: (D) 33 The largest public sector undertaking in the country is? (A) Railways (B) Airways (C) Roadways (D) Iron and Steel Plants Answer: (A) 34 At which place on earth are there days & nights of equal length always? (A) Equator (B) Poles (C) Prime Meridian (D) None

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Answer: (A)
35
In 2017, Who was appointed as the new Brand Ambassador for Swachh Bharat Mission?
(A)
Kangana Ranaut
(B)
Priyanka Chopra
(C)
Anushka Sharma
(D)
Shilpa Shetty
Answer: (D)
36
The study of Heavenly bodies is Known as?
(A)
Astrophysics
(B)
Astronautics
(C)
Astrology
(D)
Astronomy
Answer: (D)
37
Why is the color of papaya yellow?
(A)
Lycopene
(B)

Papain (C) Carotene (D) Caricaxanthin Answer: (D) 38 What is the name of the first Indian woman who wins the Man Booker Prize? (A) Salman Rushdie (B) Arundhati Roy (C) V.S. Naipaul (D) Kiran Desai Answer: (B) 39 Bihar is the principal holder of which of the following mineral in India? (A) Bauxite (B) Iron (C) Lead (D) **Pyrites** Answer: (D)

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40
Beryllium is found in which of the following district of Bihar?
(A)
Gaya
(B)
Nawada
(C)
Rohtas
(D)
None
Answer: (A)
41
Malaria fever is caused by
(A)
P vivax
(B)
Monocystis
(C)
Cockroach
(D)
Mosquito
Answer: (D)
42
Classification of phylum Porifera is based on
(A)
Canal system
(B)
Spicules
(C)
Shape of chanocytes

File No. A-12024/1/2022-Estt-Fisheries-FISH_AN (Computer No. 9700) 248406/2023/IT-FISH (D) Oscocytes Answer: (A) 43 Which one is bath sponge (A) Sycon (B) Chaline (C) Euspongia (D) Spongilla Answer: (C) 44 In the non-chordate animals is absent. (A) Heart (B) Eye (C) Notochord (D) Vacuoles

The organisms which belongs to the phylum nemithelminthes are free-living

Answer: (C)

and

45

(A)
Can fly
(B)
Have wings
(C)
Have pseudopodia
(D)
Round worms
Answer: (D)
46
The phylum Belongs to elongated, cylindrical, metameric segmented animals.
(A)
Annelida
(B)
Aves
(C)
Chondrichthyes
(D)
Amphibia
Answer: (A)
47
The organisms with jointed appendages and exoskeleton is chitinous are belong to
(A)
Platyhelminthes
(B)
Porifera
(C)
Arthropoda

(D)
Mollusca
Answer: (C)
48
Phylum animals are aquatic or terrestrial organisms with soft bodied animals.
(A)
Nemithelminthes
(B)
Annelida
(C)
Arthropoda
(D)
Mollusca
Answer: (D)
49
The animals move by tube feet and also for grasping food material.
(A)
Molluscan
(B)
Echinoderm
(C)
Arthropod
(D)
None of these
Answer: (C)
50

(A) Amphioxus (B) Snake (C) Lizard (D) Golden fish Answer: (A) 51 Which of the following characteristics is not shared by birds and mammals? (A) Breathing using lungs (B) Viviparity (C) Warm-blooded nature (D) Ossified endoskeleton Answer:(B) 52 Which of the following is not an avian character? (A) Cartilaginous bones which are pneumatic (B) Homoiothermus (C) Hind limbs have scales

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(D)

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Fertilisation is internal
Answer:(A)
53
The oral hood which is lined with, and in the pharynx helps to generate water current.
(A)
Nitrate
(B)
Gills
(C)
Ammonia
(D)
Cilia
Answer:(D)
Answer.(D)
54
In ascidians when the nerve cord is converted into a single nerve ganglion and pairs of nerves after notochord disappears, this occurs during
(A)
Ascidian necrosis
(B)
Ascidian Ganglions
(C)
Ascidian metamorphosis
(D)
Ascidian paedomorphosis
Answer:(C)
55

Which of the following is the unique feature of mammal?
(A)
Muscular diaphragm
(B)
Ear pinna
(C)
Mammary glands
(D)
All of the mentioned
Answer:(D)
56
In which of the following are air sacs connected to the lungs?
(A)
Neophron
(B)
Testudo
(C)
Ornithorhynchus
(D)
Chelone
Answer:(A)
57
Nutrient cycle is a part of
(A)
Biogeochemical cycle
(B)
Nitrogen cycle
(C)
Phosphorus cycle
(D)

Sulphur cycle
Answer:(A)
58
The Gestation period of molly
(A)
24 days
(B)
12 days
(C)
28 days
(D)
60 days
Answer:(C)
59
The family which exhibit parental care
(A)
Cyprinidae
(B)
Characidae
(C)
Cichlidae
(D)
Cyprinodontidae
Answer:(C)
60
The common name of Vallisneria
(A)
Eel grass

(B) Hornwort (C) Napier grass (D) None Answer:(A) 61 The sex ratio for gold fish breeding (Male:Female) (A) 2:01 (B) 1:02 (C) 1:03 (D) 1:01 Answer:(A) 62 Agri-based integrated fish farming system contains which of the following? (A) Cattle-Fish system (B) Duck-Fish system (C) Goat-Fish system (D) Mushroom-Fish system Answer:(D)

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63
Fin fishes, Milkfish and Mud crab belongs to
(A)
Brackish water fisheries
(B)
Aquarium fisheries
(C)
Fresh water fisheries
(D)
Capture fisheries
Answer:(A)
64
The Central Marine Fisheries Research Institute (CMFRI) has started a major project for promoting
(A)
Renovation of fishing harbor.
(B)
Open sea cage farming.
(C)
Fisheries management in the EEZ.
(D)
Marine fisheries economy.
Answer:(B)
65
An instrument used for measuring and recording distance run by a vessel through water
(A)
Gyrompass
(B)
Sextant
(C)

Compass (D) Log Answer:(D) 66 Drawing the lines of the lines plan to full size in boat construction is termed as (A) Shaping (B) Mould lofting (C) Marking (D) Trimming Answer:(B) 67 An example of marine borer (A) Rotifer (B) Barnacles (C) **Diatoms** (D) Martesia Answer:(D) 68 An example of passive fishing gear

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(A)

File No. A-12024/1/2022-Estt-Fisheries-FISH_AN (Computer No. 9700) 248406/2023/IT-FISH Trawl net (B) Purse seine (C) Gill net (D) Beach seine Answer:(C) 69 The craft material used commonly in commercial and pleasure crafts are (A) Wood (B) Aluminium (C) **FRP** (D) None of these Answer:(C) 70 The triangular piece of webbing attached on either side of the upper and lower bellies at the junction with the wings in four seam trawl (A) Jibs (B) Flapper (C)

False belly

(D)

Square
Answer:(A)
71
A few rows of meshes made of thicker twine provided on the upper and lower sides of webbing in a puseseine is termed as
(A)
Bunt
(B)
Webbing
(C)
Bridles
(D)
Selvedges
Answer:(D)
72
The objectible phenomenon in kamaboko processing is
(A)
Suwari
(B)
Modori
(C)
Surimi
(D)
None
Answer:(A)
73
Which of the following is the characteristic feature of Fin fishery?
(A)

Rearing of animals having fins
(B)
Rearing of animals living only in freshwater
(C)
Rearing of animals living only in marine water
(D)
Rearing of aquatic plants
Answer:(A)
74
Which of the following is the characteristic feature of Shell fishery?
(A)
Rearing of fishes
(B)
Rearing of only bony fishes
(C)
Rearing of aquatic animals having an outer shell
(D)
Rearing of cartilaginous fishes
Answer:(C)
75
The management and rearing of aquatic animals is called as
(A)
Pisciculture
(B)
Sericulture
(C)
Aquaculture
(D)
Fishery

Answer:(D)
76
Which of the following is not an edible marine fish?
(A)
Salmon
(B)
Labeo rohita
(C)
Mackerel
(D)
Sardinella
Answer:(B)
77
is called masmin
(A)
Dried swim bladder
(B)
Dry fish
(C)
Dried bonito sticks
(D)
Smoke cured tuna
Answer:(D)
78
In method, pieces of Garcinia gambogea is mixed along with fish and salt during curing
(A)
Dry curing
(B)
Wet curing

(C)
Colombo curing
(D)
Salt curing
Answer:(C)
79
compounds , present is smoke are responsible for the bactericidal property of the smoke
(A)
РАН
(B)
Phenolic
(C)
Organic
(D)
Inorganic
Answer:(B)
80
Best timing of harvesting of fruit during the day is
(A)
Evening
(B)
Morning
(C)
Early morning
(D)
After noon
Answer:(C)

81
Most suitable material for canning of vegetables is
(A)
Glass
(B)
Tin plate
(C)
Plastic
(D)
Aluminum
Answer:(D)
82
The main types of mechanical damages are
(A)
Cuts
(B)
Compression / rubbing
(C)
Impacts
(D)
All of these
Answer:(D)
83
Principle method to dehydrate coffee beans extract
(A)
Tunnel drying
(B)
Drum drying
(C)

Spray drying (D) None Answer:(C) 84 Fermentation involved in mango pickle production is (A) Butyric acid (B) Lactic acid (C) Acetic acid (D) Alcoholic Answer:(B) 85 The fruit which is injured by exposure to temperature less than 11°C is (A) Apple (B) Pear (C) Orange (D) Banana Answer:(D)

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For disinfection of fish pond——amount of quick lime is advisable;
(A)
500kg/ha
(B)
200kg/ha
(C)
1000kg/ha
(D)
700kg/ha
Answer:(A)
87
Tumours or warts on body is symptom of;
(A)
VHS
(B)
IPN
(C)
lymphocystis
(D)
IHN
Answer:(C)
88
————is a fungal disease common in carps,catfishes and murrels;
(A)
branchiomycosis
(B)
frunculosis
(C)

File No. A-12024/1/2022-Estt-Fisheries-FISH_AN (Computer No. 9700) 248406/2023/IT-FISH sparolegniosis (D) icthyophonus Answer:(C) 89 Vibriosis is common in; (A) fresh water fishes (B) estuarine fishes (C) marine fishes (D) estuarine fishes and marine fishes Answer:(D) 90 Fish is dipped for 1-2min. in 500 ppm copper sulphate for treatment of; (A) tail rot or fin rot (B) dropsy (C) **IHN**

(D)

IPN

91

Answer:(A)

Inflammation of intestine and partly destruction of fins is symptom of;

(A) dropsy (B) fin rot (C) IPN (D) vibriosis Answer:(A) 92 Due to deficiency of which mineral/vitamin, does the glands in the neck appear swollen? (A) Vitamin C (B) Vitamin D (C) Iodine (D) Calcium Answer:(C) 93 "Blue Revolution" is related with the following (A) Food grain production (B) Oil seed production (C) Fish production (D)

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Milk production
Answer:(C)
94
Pisciculture is rearing and production of
(A)
Fishes
(B)
Wool yielding animals
(C)
Birds
(D)
None
Answer:(A)
95
The aquatic organism which can withstand wider range of salinity is known as
(A)
Estuarine
(B)
Oligohaline
(C)
Stenohaline
(D)
Euryhaline
Answer:(D)
96
is the term used for breeding of fish in specially constructed tanks and ponds.
(A)
Viticulture

(B) Agriculture (C) Horticulture (D) Pisciculture Answer:(D) 97 Induced breeding technique is used in (A) Culture fishery (B) Marine fishery (C) Capture fishery (D) Inland fishery Answer:(A) 98 What information can you find in the "PILOT BOOK"? (A) All the communication frequencies of the shore stations operating in the area. (B) The lighthouse and buoy data. (C) List of emergency frequencies in the area of sailing. (D) Most of the information you need for navigating and routing in the given area Answer:(D)

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99
Lakes that are over nourished with excessive nutrients with high biological productivity resulting in algablooms are referred to as
(A)
Oligotrophic lake
(B)
Mesotrophic lake
(C)
Eutrophic lake
(D)
Dystrophic lake
Answer:(C)
100
You are sailing a 12 meter long vessel in the bay of Eilat at night under sails only. You are sailing slowly at a distance of about half a mile from shore. You turn on, as the law requires, side lights and stern lights On your starboard appears a large tanker and you are directly in front of its bow. Mark the correct sentence:
(A)
The tanker must make way for me since I am a sailboat.
(B)
According to the rules of the open seas she must make way for me but in this case I am in its path and must make way to it.
(C)
I will turn on the discretionary lights (red over green), because these entitle me to right of way.
(D)
I get out of there because you are not allowed to stop in the bay of Eilat at night.
Answer:(B)
101

At the entrance to a marina in Israel there are two flashing lighthouses (red and green). What is their meaning?
(A)
At the entrance to a marina, the green lighthouse is on the starboard of the vessel and the red on its port.
(B)
At the exit from a marina, the green lighthouse is on the starboard of the vessel and the red on its port.
(C)
At the entrance to a marina, the green lighthouse is on the port of the vessel and the red on its starboard.
(D)
In any event you must pass to the starboard of the green and to port of the red.
Answer:(A)
102
What lights must you turn on when anchoring in a secluded bay with a vessel 13 meters long?
(A)
A sailboat will turn on a masthead light (steaming).
(B)
Surround white light.
(C)
Deck lights, stern light and masthead light (steaming)
(D)
A motorized vessel will turn on a top of mast light.
Answer:(B)
103
Plants which grow in shade are called
(A)
Sciophytes
(B)
Heliophytes
(C)

File No. A-12024/1/2022-Estt-Fisheries-FISH_AN (Computer No. 9700) 248406/2023/IT-FISH Oxylophytes (D) **Epiphytes** Answer:(A) 104 Plants which grow in light are called (A) Sciophytes (B) Heliophytes (C) Oxylophytes (D) Epiphytes Answer:(B) 105 Lotic ecosystem refers to (A) Static water system (B) Ecosystem of flowing water (C) Ecosystem of estuaries (D)

Deep marine water system

How many types of aquatic ecosystems are there?

Answer:(B)

106

(A) One (B) Two (C) Three (D) Four Answer:(B) 107 What made organisms to build their ecosystem in quatic? (A) Curiosity (B) **Evolution** (C) Force from other organisms (D) Increase in water level Answer:(B) 108 Where can we find both running water as well as stagnant water? (A) Marine ecosystems (B) Wetlands (C) Coral reefs

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(D)

Freshwater ecosystems
Answer:(D)
109
India's first mega food park is located in:
(A)
Delhi
(B)
Haridwar
(C)
Chandigarh
(D)
Lucknow
Answer:(B)
110
Loktak lake is located in which state—
(A)
Meghalaya
(B)
Arunachal Pradesh
(C)
Manipur
(D)
Andhra Pradesh
Answer:(C)
111
The national fish of India is—
(A)
Rastrelliger kauagurta

(B) Labeo rohita (C) Catla catla (D) Clarias batrachus Answer:(A) 112 Carp fry production in India how to stand at about-(A) 10, 000 million (B) 17, 000 million (C) 21, 000 million (D) 32, 000 million Answer:(D) 113 Chinese dip - nets are most common in-(A) W. B. (B) Gujarat (C) Kerala

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(D)

A. P.

Answer:(C)

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114
What is the purpose of a Vessel Monitoring System (VMS) in fisheries management?
(A)
To monitor the health of fish populations
(B)
To track the movement of fishing vessels
(C)
To provide weather forecasts to fishermen
(D)
To regulate fish market prices
Answer:(B)
115
Which international agreement aims to prevent and eliminate illegal, unreported, and unregulated (IUU) fishing activities?
(A)
Kyoto Protocol
(B)
Montreal Convention
(C)
Cartagena Protocol
(D)
Port State Measures Agreement (PSMA)
Answer:(D)
116
Which term refers to the area along a coastline where a nation exercises sovereignty over natural resources?

File No. A-12024/1/2022-Estt-Fisheries-FISH_AN (Computer No. 9700) 248406/2023/IT-FISH High Seas (B) Territorial Waters (C) Exclusive Economic Zone (EEZ) (D) Continental Shelf Answer:(B) 117 What is a "bycatch"? (A) Fish caught intentionally for commercial purposes (B) Fish that escape from fishing gear (C) Unwanted species caught incidentally while fishing for a target species (D) Fish caught using illegal fishing methods Answer:(C) 118 What is the role of a Regional Fishery Management Organization (RFMO)? (A) Monitoring local fish markets (B)

Managing fisheries within a single country

Implementing regulations for recreational fishing

Coordinating fisheries management across international boundaries

(C)

(D)

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File No. A-12024/1/2022-Estt-Fisheries-FISH_AN (Computer No. 9700) 248406/2023/IT-FISH 1. The world's nation 5G mobile network was launched by which country? (A) Japan (B) Asia (C) South Korea (D) Malaysia Answer: (C) South Korea 2. When was Pravasi Bhartiya Divas held in Varanasi? (A) 2017 (B) 2015 (C)

2019

(D) 2020 **Answer: (C)** 2019 3. Vijay Singh (golf player) is from which country? (A) UK (B) **USA** (C) India (D) Fiji Answer: (C) India 4. The green planet in the solar system is? (A) Mars (B)

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Uranus
(C)
Venus
(D)
Earth
Answer: (B) Uranus
5.
The father of Indian missile technology is?
(A)
Dr Homi Bhabha
(B)
Dr Chidambaram
(C)
Dr U.R. Rao
(D)
Dr A.P.J. Abdul Kalam
Answer: (D) Dr A.P.J. Abdul Kalam
6.
On which among the following dates, Army Day is observed?

(A)
Jan-15
(B)
Feb-15
(C)
Mar-15
(D)
Apr-15
Answer: (A) Jan-15
7.
Which among the following organizations calculates and publishes LIBOR (London
Interbank Offered Rate)?
(A)
Bank of England
(B)
Thomson Reuters
(C)
European Banking Federation

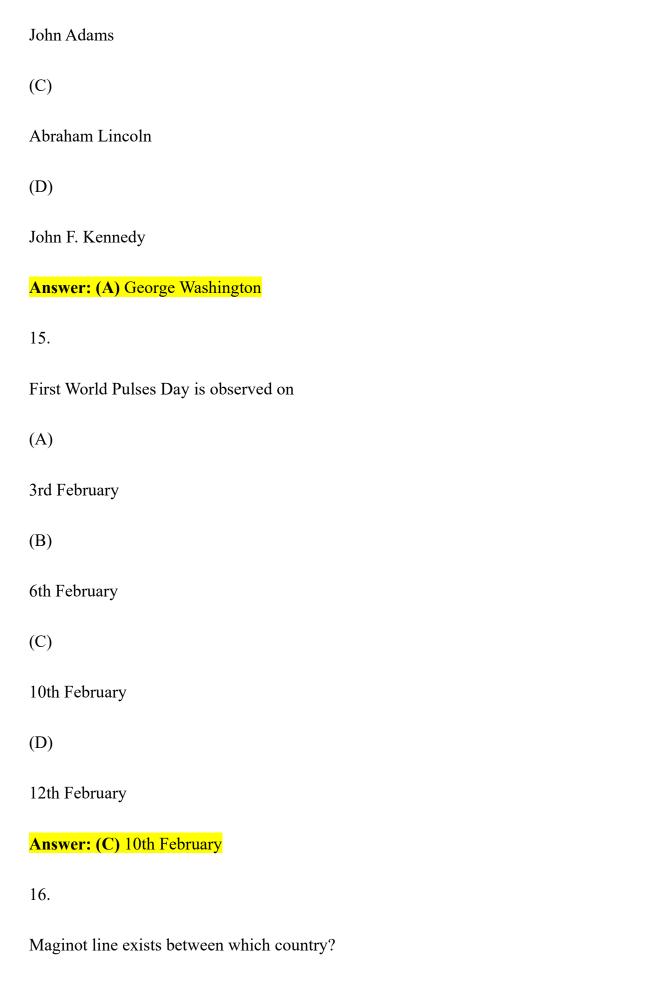
(D)
European Central Bank
Answer: (B) Thomson Reuters
8.
Continent where Tundra type of climate is NOT found?
(A)
Asia
(B)
North America
(C)
Europe
(D)
Australia
Answer: (D) Australia
9.
Who wins the Men's Single Autralian Open Trophy in 2019?
(A)
Rafael Nadal
(B)

Novak Djokovic
(C)
Roger Federer
(D)
Andy Murray
Answer: (B) Novak Djokovic
10.
Which Actor wins the Best Actor award in a Leading Role in the 91st Academy
Awards ceremony?
(A)
Rami Malek
(B)
Mahershala Ali
(C)
Robert Downey Jr.
(D)
Chris Hemsworth
Answer: (A) Rami Malek

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File No. A-12024/1/2022-Estt-Fisheries-FISH_AN (Computer No. 9700) 248406/2023/IT-FISH (D) 28th February, 2019 Answer: (B) 25th February, 2019 13. Which country's company sends World's first privately funded mission to Moon? (A) India (B) **USA** (C) Israel (D) China Answer: (C) Israel 14. Who was first President of United States? (A) George Washington

(B)



(A)
Namibia and Angola
(B)
USA and Canada
(C)
France and Germany
(D)
Germany and Poland
Answer: (C) France and Germany
17.
After the Battle of Plassey, was made Nawab of the Bengal.
(A)
Sirajuddhaula
(B)
Mir Jafar
(C)
Alivardi Khan
(D)
Mir Kasim

Answer: (B) Mir Jafar
18.
Which of the following rulers issued copper coins named as Jittal?
(A)
Mohammad bin Tughlaq
(B)
Firoz Shah Tughlaq
(C)
Iltutmish
(D)
Quli Qutub Shah
Answer: (C) Iltutmish
19.
Who was the first Tirthankara of the Jains?
(A)
Aristhenemi
(B)
Parshwnath
(C)

Ajitnath (D) Rishabhdev Answer: (D) Rishabhdev 20. Which one Bank is not one of the three Banks that will be merged to form the third largest Bank in India? (A) Punjab National Bank (B) Bank of Baroda (C) Indian Bank (D) Dena Bank Answer: (C) Indian Bank 21. I do my work carefully to make mistakes.

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(A)
so
(B)
very
(C)
too
(D)
more
Answer: (C) too
22.
"In questions choose the word opposite in meaning to the given word:
Plausible"
(A)
inplausible
(B)
unplausible
(C)
implausible

File No. A-12024/1/2022-Estt-Fisheries-FISH_AN (Computer No. 9700) 248406/2023/IT-FISH (D) displausible Answer: (C) implausible 23. It was ____ hot that day and the cable suffered the brunt of the heat. (A) treacherously (B) acceptably (C) unfailingly (D) unbelievably Answer: (D) unbelievably 24. Dowry is no longer permitted by law even in ____ marriage.

(A)

love

(B)

File No. A-12024/1/2022-Estt-Fisheries-FISH_AN (Computer No. 9700) 248406/2023/IT-FISH conventional (C) natural (D) bigamous Answer: (A) love 25. The new industrial policy is a result of the confidence the government has in the ____ of the Indian industry. (A) opinion (B) existence (C) status (D)

64

maturity

Answer: (D) maturity

26.
The given question has one blank indicating that something has been omitted. Choose
the word for the given options that could fit in the blank correctly. He prefers
at the back of the movie theatre.
(A)
sit
(B)
sitting
(C)
sits
(D)
to be sit
Answer: (B) sitting
27.
Pick out the most appropriate word from the words given below each sentence to
complete it meaningfully. In the past, Zimbardo many aspects of social
psychology.

(A) researches (B) research (C) researcher (D) researched Answer: (D) researched 28. Select the misspelt word. (A) foreiner (B) conjure (C) summon (D) intrigue

Answer: (A) foreiner	
29.	
"Select the most appropriate one-word substitution for the given words.	
A close-fitting cover for a sword"	
(A)	
Shank	
(B)	
Sheath	
(C)	
Quiver	
(D)	
Dagger	
Answer: (C) Quiver	
30.	
"Select the correct indirect form of the given sentence.	
He said to Manoj, "I celebrated my birthday two days ago.""	
(A)	

He told Manoj that he celebrated his birthday two days ago.
(B)
He told Manoj that he celebrated my birthday two days before.
(C)
He told Manoj that I celebrated my birthday two days ago.
(D)
He told Manoj that he had celebrated his birthday two days before.
Answer: (D) He told Manoj that he had celebrated his birthday two days before.
31.
"Select the most appropriate option to improve the underlined segment in the given
sentence. If there is no need to improve it, select 'No improvement'.
She are having two brothers and three sisters."
(A)
No improvement
(B)
is having
(C)

(D)	
have	
Answer: (C) has	
32.	
"Select the most appropriate meaning of the underlined idiom in the given sentence.	
Information technology has developed by leaps and bounds."	
(A)	
at a rapid pace	
(B)	
very gradually	
(C)	
through unfair means	
(D)	
in far off places	
Answer: (A) at a rapid pace	
33.	
"Select the most appropriate option to improve the underlined segment in the given	
sentence. If there is no need to improve it, select 'No improvement'.	

Many a person are unable of distinguish right from wrong."
(A)
are unable to
(B)
are capable of
(C)
is unable to
(D)
No improvement
Answer: (C) is unable to
34.
"Select the correct passive form of the given sentence.
They are making elaborate arrangements for the party."
(A)
Elaborate arrangements have been made for the party.
(B)
Elaborate arrangements are made for the party.

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"Out of the four alternatives, choose the one which best express the meaning of the
word : Cancel"
(A)
Abolish
(B)
Approve
(C)
Allow
(D)
Break
Answer: (A) Abolish
37.
"Out of the four alternatives, choose the one which best express the meaning of the
word: Pious"
(A)
Religious
(B)
Sympathetic

(C)
Afraid
(D)
Faithful
Answer: (A) Religious
38.
"In each of the following questions a word is followed by four options. You have to
choose the option that is the most appropriate synonym to the given word. Foment"
(A)
Vex
(B)
Waste
(C)
Renounce
(D)
Instigate
Answer: (D) Instigate
39.

"In each of the following questions a word is followed by four options. You have to
choose the option that is the most appropriate synonym to the given word.
Placate"
(A)
Rouse
(B)
Harass
(C)
Pacify
(D)
Rejoice
Answer: (C) Pacify
40.
"In each of the following questions a word is followed by four options. You have to
choose the option that is the most appropriate synonym to the given word.
Solicitous"
(A)

Obscene (B) Wise (C) Wholesome (D) Confident Answer: (A) Obscene 41. Plants adapted to open, sunny habitats are (A) Sciophytes (B) Heliophytes (C) Mesophytes (D) Epiphytes

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Answer: (B) Heliophytes

42. Which is the largest ecosystem on Earth? (A) Desert (B) Forest (C) Grassland (D) Oceans Answer: (D) Oceans 43. Which of the following is among the world's most productive ecosystems in terms of biomass production? (A) Pond ecosystems (B) Lake ecosystems

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(C) Brackish water ecosystems (D) River ecosystems Answer: (C) Brackish water ecosystems 44. How many oceans constitute the marine ecosystems around peninsular India? (A) One (B) Two (C) Three (D) Four Answer: (C) Three 45. Beach is classified into which ecosystem?

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(A)

Lake ecosystem
(B)
Seashore ecosystem
(C)
Pond ecosystem
(D)
River ecosystem
Answer: (B) Seashore ecosystem
46.
Which ecosystem is known as giant permanent pond?
(A)
Lake ecosystem
(B)
Pond ecosystem
(C)
Seashore ecosystem
(D)
Marine ecosystem
Answer: (A) Lake ecosystem

248406/2023/IT-FISH 47. A strong and flexible rod-like structure present in the chordates is (A) Notochord (B) Gills (C) Wings (D) Tail Answer: (A) Notochord 48. Pteropus is a/an: (A) Limbless amphibian (B) Extinct reptile that evolved into mammals

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(C)

Bony fish that migrates from sea water to fresh water for breeding
(D)
Mammal with flight
Answer: (D) Mammal with flight
49.
Which of the following part is used by the juvenile fishes for the breathing purpose?
(A)
Notochord
(B)
Tail
(C)
Stomach
(D)
Pharyngeal gill slits
Answer: (D) Pharyngeal gill slits
50.
The adult body of subphyla Urochordata is covered by

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Vertebral column
Answer: (D) Vertebral column
52.
Which of the following chordates are adapted for the flights?
(A)
Mammals
(B)
Fishes
(C)
Birds
(D)
Reptiles
Answer: (C) Birds
53.
VHS is common in ———farming, confined to Europe;
(A)
labeo rohita
(B)
salmonid

(C) rainbow trout (D) shark Answer: (C) rainbow trout 54. Foul smelling yellowish fluid in visceral cavity is symptom of; (A) IPH (B) **IHN** (C) dropsy (D) VHS Answer: (D) VHS 55. In furunculosis, Aeromonas salmonicida breed in; (A)

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large intestine
(B)
small intestine
(C)
digestive tract
(D)
blood vessels
Answer: (D) blood vessels
56.
Local swelling of muscles and necrosis of kidney is symptom of;
(A)
furunculosis
(B)
vibriosis
(C)
dropsy
(D)
tail rot
Answer: (B) vibriosis

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(A)

tetramycin

File No. A-12024/1/2022-Estt-Fisheries-FISH_AN (Computer No. 9700) 248406/2023/IT-FISH (B) chloramphenicol (C) amoxicillin (D) doxycycline Answer: (B) chloramphenicol 59. Which crops have the natural dormancy period (A) Bulb crops (B) Root crops (C) Tuber crops (D) All of the mentioned Answer: (D) All of the mentioned

60.

CA storage stands for
(A)
Controlled atmosphere
(B)
Centrally air conditioned
(C)
Completely air conditioned
(D)
None
Answer: (A) Controlled atmosphere
61.
Toxins produced during aerobic respiration of plant tissues that kills the cells if not
removed are
(A)
Ethyl Alcohol & acetaldehyde
(B)
Formaldahyda
Formaldehyde

File No. A-12024/1/2022-Estt-Fisheries-FISH_AN (Computer No. 9700) 248406/2023/IT-FISH Phytate (D) None Answer: (A) Ethyl Alcohol & acetaldehyde 62. Ripening of fruit requires (A) Hormone (B) Enzymes (C) CO2 (D) Oxygen Answer: (B) Enzymes 63. Main objective of vegetable blanching is

(A)

Inactivation of bacteria

(B) Inactivation of enzymes (C) Fixation of color (D) Removal of tissue gas Answer: (B) Inactivation of enzymes 64. Bacterial growth is generally impossible when water activity reduces below (A) 0.8 (B) 0.7 (C) 0.6 (D) 0.9 **Answer: (D)** 0.9

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65.

Potassium Sorbate in fruits and vegetable preservation is most effective against
(A)
Yeast
(B)
Mould
(C)
Mould & yeast
(D)
Bacteria
Answer: (C) Mould & yeast
66.
Chitosan is nothing but
(A)
Teichoic acid
(B)
Peptidoglycan
(C)
N-acetyl glucosamine
(D)

Lipopolysaccharide
Answer: (C) N-acetyl glucosamine
67.
The bacteria used for biological fermentation of silage is
(A)
Shigella
(B)
Lactobacillus
(C)
Listeria
(D)
Escherichia
Answer: (B) Lactobacillus
68.
During drying, along with moisture content which parameter is reduced thus
preventing growth of microorganisms
(A)
Protein content

(B) Fat content (C) Salt content (D) Water activity Answer: (D) Water activity 69. Preservation of foods using ionizing radiation is called as (A) Radicidation (B) Radappertisation (C) Radurisation (D) Irradiation Answer: (D) Irradiation 70.

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Which one is associated with the quality assurance or seafood product
(A)
MPEDA
(B)
HACCP
(C)
IFS
(D)
SART
Answer: (B) HACCP
71.
Common mold spoilage in smoked fish is caused by
(A)
Sarcinia sp
(B)
Halobacterium
(C)
Sporendonema epizoum

None
Answer: (C) Sporendonema epizoum
72.
What does the term "Exclusive Economic Zone (EEZ)" refer to in the context of
fisheries?
(A)
An area where only commercial fishing is allowed.
(B)
A region where recreational fishing is prohibited.
(C)
A zone where a coastal state has sovereign rights over marine resources.
(D)
A territory where fishing is regulated by international organizations.
Answer: (C) A zone where a coastal state has sovereign rights over marine resources.
73.
Which international treaty aims to ensure the conservation and sustainable
management of straddling fish stocks and highly migratory fish stocks?

To establish exclusive fishing rights for a single company.
Answer: (C) To provide guidelines for sustainable fisheries management.
75.
In the context of fisheries, what does IUU fishing stand for?
(A)
Intensive Unregulated Utilization fishing
(B)
Illegal, Unreported, and Unregulated fishing
(C)
International Underwater Unfettered fishing
(D)
Invasive Unchecked Utilization fishing
Answer: (B) Illegal, Unreported, and Unregulated fishing
76.
Which of the following is an example of a non-selective fishing gear?
(A)
Handline
(B)
Longline

(C)
Trawl net
(D)
Fish trap
Answer: (C) Trawl net
77.
Which international organization is responsible for setting voluntary guidelines and
recommendations for responsible fisheries?
(A)
World Trade Organization (WTO)
(B)
World Health Organization (WHO)
(C)
United Nations (UN)
(D)
Food and Agriculture Organization (FAO)
Answer: (D) Food and Agriculture Organization (FAO)
78.

Skiffing is practised in which of the following plantation crops?
(A)
Rubber
(B)
Banana
(C)
Coconut
(D)
Tea
Answer: (D) Tea
79.
Bacterial disease of fish where bloody streaks on body, fins and/or tail appear, In
severe infection these streaks could lead to ulceration and possibly followed by fin
and tail rot with the tail and/or fins falling off.
(A)
Dropsy
(B)
Velvet

(C) Tail and fin rot (D) Red Pest Answer: (D) Red Pest 80. Common Carp Silver Carp & Grass Carp are varieties of _____ commonly found in Madhya Pradesh. (A) Fish (B) Rice (C) Oranges (D) Pulses Answer: (A) Fish 81.

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pH of vermiculture is kept at
(A)
Near neutral
(B)
Highly alkaline
(C)
Alkaline
(D)
Acidic
Answer: (A) Near neutral
82.
Inland fisheries are
(A)
raising and capturing fishes in fresh water
(B)
oil extraction from fish
(C)
deep sea fishing
(D)

capturing fishes from sea coast
Answer: (A) raising and capturing fishes in fresh wate
83.
If more than single species of fish is cultured at a time, then it is called
(A)
Polyculture
(B)
Mori culture
(C)
Monoculture
(D)
Aquaculture
Answer: (A) Polyculture
84.
The Indian edible oyster is—
(A)
Perna viridis
(B)
Crassostrea madrasensis

(C) Vanma litterata (D) Sepia aculeata Answer: (B) Crassostrea madrasensis 85. Recommended level of chlorination of process water in the fish processing plant is-(A) 10 ppm (B) 50 ppm (C) 100 ppm (D) 150 ppm **Answer: (A)** 10 ppm 86.

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Which among the following organisms is considered as an indicator species for the
abundance of oil sardine?
(A)
Skeleionema costa turn
(B)
Fragilaria oceanica
(C)
Brachionus plicatilis
(D)
Artemia salina
Answer: (B) Fragilaria oceanica
87.
Which among the following is the major marine food export item of India?
(A)
Frozen Fish
(B)
Frozen Shrimp
(C)

Frozen Crabs
(D)
Cephalopods
Answer: (B) Frozen Shrimp
88.
The number of barbels in catfish family Tachysuridae are—
(A)
Two pairs
(B)
Three pairs
(C)
Four pairs
(D)
One pair
Answer: (D) One pair
89.
The most efficient gear used for exploiting the pelagic fishery resources along Karnataka coast is—

(A) Rampani (B) Beachsiene (C) Dol net (D) Scoop net Answer: (A) Rampani 90. Which is the longest river system in India? (A) Indus (B) Ganga (C) Bramhaputra (D) Mahanadi

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Answer: (B) Ganga
91.
Chilka lake is
(A)
lagoon
(B)
bhery
(C)
backwater
(D)
mangrove
Answer: (A) lagoon
92.
Which fish is placed under Chondrichthis?
(A)
Herring
(B)
Eel
(C)

Loaches	
(D)	
Shark	
Answer: (D) Shark	
93.	
Unio is	
(A)	
Edible oyster	
(B)	
F.W. musse	
(C)	
F.W. snail	
(D)	
Sea mussel	
Answer: (B) F.W. musse	
94.	
Mackerel is	
(A)	
Rastrelliger	

(B) Sardinella (C) Lactarius (D) none Answer: (A) Rastrelliger 95. The brackishwater which act as buffer zone between sea and land is called (A) lagoon (B) mangrove (C) backwater (D) embanked brackishwater Answer: (A) lagoon 96.

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A cut through both the twines at one side of the knot in the vertical direction is termed
as
(A)
T-cut
(B)
B-cut
(C)
N-cut
(D)
None
Answer: (C) N-cut
97.
A centre line strength member running fore and aft along the bottom of the vessel
referred as backbone
(A)
Keel
(B)

Stem
(C)
Stern
(D)
Beam
Answer: (A) Keel
98.
The net consisting of two layers of larger meshes and a middle layer of smaller mesh
is termed as
(A)
Gill net
(B)
None
(C)
fyke net
(D)
Trammel Net
Answer: (D) Trammel Net

99.
Additional strength to the keel is provided by
(A)
Hog keel
(B)
Shaft
(C)
Clamp
(D)
Horn timber
Answer: (A) Hog keel
100.
A method of fishing in which several lines with special lures are towed from a boat
(A)
Long lining
(B)
Entangling
(C)

(A)

5billion

(B) 10 billion (C) 15 million (D) 1 billion Answer: (A) 5billion 103. The process, where sperm and ovum unite (A) Ovulation (B) Fertilization (C) Gestation (D) Zygote Answer: (B) Fertilization 104.

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Lakes that are over nourished with excessive nutrients with high biological
productivity resulting in algal blooms are referred to as
(A)
Oligotrophic lake
(B)
Mesotrophic lake
(C)
Eutrophic lake
(D)
Dystrophic lake
Answer: (C) Eutrophic lake
105.
Which of the following is different from the other given as option?
(A)
Prawn
(B)
Lobster
(C)

Finfish (D) Mussel **Answer: (C)** Finfish 106. A good example of livebearer (A) L. reticulate (B) Gold fish (C) Catla catla (D) Gourami Answer: (C) Catla catla 107. The Union Ministry of Agriculture has launched mission 'Fingerling' to enhance the fisheries production by 10.79 mmt to 15 mmt under the Blue Revolution. The time period to achieve this target is set at _____.

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3406/202	3/11-FISH
	(A)
	2015-2019
	(B)
	2020-2021
	(C)
	2018-2020
	(D)
	2018-2019
	Answer: (B) 2020-2021
	108.
	The commercial scale mud crab culture is developed in which ecosystem?
	(A)
	Marine water
	(B)
	Cold water
	(C)
	Inland water
	(D)

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Brackish water
Answer: (D) Brackish water
109.
At night you notice a vessel displaying, in addition to navigation lights, a white
surround light and above it a green light. What is the day signal such a vessel should
display?
(A)
2 triangles with their bases joined.
(B)
2 triangles with their tips joined.
(C)
A black diamond.
(D)
A circle diamond circle
Answer: (B) 2 triangles with their tips joined.
110.
To what vessels must you give right of way when sailing a motorized vessel?
(A)

File No. A-12024/1/2022-Estt-Fisheries-FISH_AN (Computer No. 9700) 248406/2023/IT-FISH A vessel not under command. (B) A vessel with a capacity of 40 thousand tons and over. (C) A military vessel. (D) A towing vessel with a tow line of over 200 meters. **Answer:** (A) A vessel not under command. 111. A sailboat, sailing to north west, the wind from the north east, notices on its starboard flashing red + green lights (next to each other). What is the required action? (A) These are the lights of a sailboat windward on the same tack, she is up wind and will turn, you must maintain course and speed. (B)

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These are the lights of a sailboat on a port tack, she will turn, you must maintain

course and speed.

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(C)
It is the entrance to a marina, you increase watch and awareness, maintain course and
speed.
(D)
There is no correct answer.
Answer: (C) It is the entrance to a marina, you increase watch and awareness,
maintain course and speed.
112.
You notice a vessel flying flag A: what does the flag mean, what are your actions and
what will this boat display at night?
(A)
Diver flag, I will keep 200 meters away, at night a surround white light.
(B)
Diver flag, I will keep 200 meters away, at night a surround red white red light.
(C)

Diver flag, I will keep 200 meters away, at night a surround blue white light and
navigation lights.
(D)
Diver flag, I will keep 200 meters away, at night there is a ban on diving
Answer: (B) Diver flag, I will keep 200 meters away, at night a surround red white
red light.
113.
What will a vessel display during the day that at night displays three red lights in a
vertical line one above the other?
(A)
3 black balls one above the other vertically.
(B)
2 black balls.
(C)
A black cylinder.
(D)

A black diamond.
Answer: (C) A black cylinder.
114.
How will a sailboat act when sailing in fog during the day, in limited visibility?
(A)
Turn on navigation lights, combined with the audible signal.
(B)
Turn on navigation lights only at sunset.
(C)
Only sound the audible signals.
(D)
May turn on the flashing yellow light in addition to the fog horn.
Answer: (A) Turn on navigation lights, combined with the audible signal.
115.
Protozoan considered link between plant & animals
(A)
Paramoecium
(B)
Amoeba

(C) Euglena (D) Plasmodium Answer: (C) Euglena 116. Protozoan animal groups are (A) Unicellular (B) Multicellular (C) Multiorganism (D) Highly developed Answer: (A) Unicellular 117. In Euglena locomotion by (A)

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Cilia (B) Flagella (C) Pseudopodia (D) Myonemes Answer: (B) Flagella 118. Reason for including amoeba in phylum protozoa is (A) Cell wall (B) Cotractile vacuole (C) Acellular organization (D) Phagocytosis Answer: (C) Acellular organization

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File No. A-12024/1/2022-Estt-Fisheries-FISH_AN (Computer No. 9700) 248406/2023/IT-FISH 119. is phylum in non-chordates which is unicellular, locomotion by pseudopodia or cilia of flagella and examples are entamoeba, plasmodium and Euglena. (A) Platyhelminthes. (B) Coelenterata (C) Porifera (D) Protozoa Answer: (D) Protozoa 120. The organisms like planeria, liver fluke and tapeworm which are hermaphrodite have flattened thin body are from Phylum.

(A)

Protozoan

(B)

Proferon

(C)

Platyhelminthes

(D)

Reptalia

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Answer: (C) Platyhelminthes