023/2023

Maximum: 100 marks

Time: 1 hour and 30 minutes

A		3		[P.T.O.]		
	(C)	Maharastra	(D)	Uttaranchal		
	(A)	Tamil Nadu	(B)	Kerala		
7.	Devicolar	m (cold water lake) is located in the st	ate of:			
	(C)	$t_{\scriptscriptstyle 0}$	(D)	L_{r}		
	(A)	t_b	(B)	tr		
6.	In Y/R re	cruit model developed by Beverton an	d Holt (1957) age at first capture denoted by:		
	(C)	Model class progression analysis	(D)	All the above		
	(A)	Integrated method	(B)	Petersen methods		
5.	The meth	od used to analysis of length frequenc	cy data i	is:		
	(C)	FAO area 61	(D)	FAO area 57		
	(A)	FAO area 51	(B)	FAO area 47		
4.	What is t	he FAO area code for Eastern Indian	Ocean?			
	(C)	Acanthurus blochii	(D)	Paracanthurus hepatus		
	(A)	Huso huso	(B)	Ephinephalus lanciolatus		
3.	World mo	est expensive Caviar is produced from	:			
	(C)	Silver bellies	(D)	Soles		
	(A)	Sun fish	(B)	Angler fish		
2.			`	tobactor sp) and store it in light organ ight during the night hours to attract		
	(C)	Along the Coromandel Coast	(D)	Along the Malabar Coast		
	(A)	Around the Lakshadweep	(B)	Around the Andaman		
1.				lakh tones is available from the area of:		

8.	The evil effects of damming of rivers on fisheries were first reported by:									
	(A)	V.G. Jhingran	(B)	Alikunhi						
	(C)	Sir Francis Day	(D)	M.G.K. Menon						
9.	The first fish which is tagged in India to study migration pattern by Jhingran and Patro at Chilika Lake:									
	(A)	Mullet	(B)	Milk fish						
	(C)	Sea bass	(D)	Irrawaddy dolphin						
10.	Select the	e deep-sea shrimps from the followi	ngs :							
	(A)	Palaemon	(B)	Hippolismata						
	(C)	Solenocera	(D)	None of the above						
11.	Transduc	er produce the sound vibration by o	eramic dis	scs using electricity is :						
	(A)	C.R.T.	(B)	Magneto - striction						
	(C)	Piezo-electric	(D)	Circular disc stylus						
12.	Fish deat	h occurs due to nervous imbalance	:							
	(A)	Electro nacrosis	(B)	Electrocution						
	(C)	Electrolysis	(D)	Frightening effect						
13.		attached to the head and foot rope ional strength by transfer the stree		wl net in which webbing is mounted to						
	(A)	Breast line	(B)	Side line						
	(C)	Bridle line	(D)	Bloch line						
14.	Cut inter	mingling of bar cut and point alterr	natively wi	ll result in :						
	(A)	45° angle	(B)	More than 45° angle						
	(C)	Less than 45° angle	(D)	90° angle						
15.	Preservat	ive "Kutch" is extracted from :								
	(A)	$Terminalia\ spp$	(B)	$Diosphynos\ spp$						
	(C)	Tamarindus indica	(D)	All the above						
16.	Catamara	an of Andhra Pradesh is locally kno	wn as:							
	(A)	Oodom	(B)	Teppalu						
	(C)	Beputhoni	(D)	Dingi						

17.	Select the water borne type wood preservative:										
	(A)	Creostote coal tar	(B)	Copper napthenate							
	(C)	Tributyltin oxide	(D)	Chromated zinc chloride							
18.	The first s	steel ship was built in the year :									
	(A)	1878	(B)	1898							
	(C)	1988	(D)	1978							
19.	The plan	shows the outline of the water lines, wh	nich a	re drawn parallel to the base lines :							
	(A)	Profile plan	(B)	Sectional plan							
	(C)	Half breadth plan	(D)	Cross sectional plan							
20.	Select the	Kort nozzle propeller :									
	(A)	Contra rotating propeller	(B)	Ducted propeller							
	(C)	Azipod propulsion	(D)	Voith propeller							
21.	All the sta	andard meridians are apart from each o	other l	by:							
	(A)	10°	(B)	15°							
	(C)	5°	(D)	60°							
22.	A fix take	n by bearings of single object over a per	riod of	time:							
	(A)	Running fix	(B)	Simultaneous fix							
	(C)	Positioning	(D)	Dead reckoning							
23.	The devic	e used to show the GST and for identify	ing th	ne longitudes is :							
	(A)	Aneroid barometer	(B)	Gyrocompass							
	(C)	Sextants	(D)	Chronometer							
24.	Life jacke	t should have a capacity to withstand a	bout 2	24 hrs at minimum weight of :							
	(A)	$5.5~\mathrm{kg}$	(B)	$6.5~\mathrm{kg}$							
	(C)	$7.5~\mathrm{kg}$	(D)	$8.5~\mathrm{kg}$							
25 .	Trawling	vessel should show following shapes du	ring d	lay time trawling:							
	(A)	2 cones with both the apex looking to)								
	(B)	2 cones with apex together									
	(C)	2 cones with both the apex looking bo	ttom								
	(D)	2 cones with opposite apex									

26.	Copper containing proteins found in the blood of crustaceans like shrimp, crab are :										
	(A)	Plastocyanins	(B)	Hemocyanins							
	(C)	Azurin	(D)	Myosin							
27 .	Which of the following seafood is having high glycogen content?										
	(A)	Live fish	(B)	Shrimp							
	(C)	Molluscs	(D)	Crab							
28.	Which type of bacteria is more sensitive to irradiation?										
	(A)	Salmonella	(B)	Shiegella							
	(C)	Vibrio bacteria	(D)	Staphylococci							
29.	Freezer u	sed for producing frozen block pro	duct :								
	(A)	Liquid nitrogen freezer	(B)	Individual quick freezer							
	(C)	Plate freezer	(D)	Cryogenic freezer							
30.	The formation of dry impervious layer on the surface of fish preventing the diffusion of water is called:										
	(A)	Case hardening	(B)	Shrinkage							
	(C)	Denaturation	(D)	Rehydration							
31.	Thawing in a steam injected vacuum chamber comes under:										
	(A)	Conductive thawing method	(B)	Non-conductive thawing method							
	(C)	Both (A) and (B)	(D)	Radiated thawing method							
32.	Clinoptiolite is used in live fish transport medium for the purpose of:										
	(A)	Reducing CO_2 level									
	(B)	Reducing concentration of ammo	onia								
	(C)	Increasing O_2 level									
	(D) Decreasing the temperature of medium										
33.	Consider	the following statements :									
	Ascertain	(A): In canning process, after	r filling the	material, exhausting must be done							
	Reason (F	R): To prevent the oxidation	n of fat and	consequent deterioration							
	Now selec	et your answer according to the coo	ding scheme	e given below							
	(A)	Both (A) and (R) are true (R) is t	he correct e	explanation of (A)							
	(B)	Both (A) and (R) are true but (R)	is not the	correct explanation of (A)							
	(C)	(A) is true but (R) is false									
	(D)	(D) (A) is false and (R) is true									

34.		———— method used for transportation of Ornamental fish.											
		(A)	Tank method	(B)	Plastic bag method								
		(C)	Waterless method	(D)	Oxygenated container								
35.	Toxic	Toxicity in food caused by packaging materials are usually:											
		(A)	Migration of toxic substances	(B)	Due to polymerisation reaction								
		(C)	Long term exposure	(D)	Carcinogenicity								
36.	Staphylococcus aureus are partially eliminated at freezing temperature of:												
		(A)	−40° C	(B)	−18° C								
		(C)	−25° C	(D)	−180° C								
37.		——————————————————————————————————————											
		(A)	L. monocytogenes	(B)	C. botulinum								
		(C)	E. coli	(D)	S. aureus								
38.	In pla	ınt p	rocess has responsibility to overse	re specification of progress :									
		(A)	Quality assurance	(B)	Quality Inspection								
		(C)	Quality verification	(D)	Process control								
39.			ty control system ensures all un any health hazard is known as :	nit operati	ons of a process are so controlled to								
		(A)	EIA	(B)	CCP								
		(C)	HACCP	(D)	BAP								
40.	attrib	ute/o	— literally means degree characteristic trait.	or grade	of excellence of thing/distinctive								
		(A)	Quality	(B)	Standards								
		(C)	Management	(D)	Hygiene								
41.	Which	n of t	the following practices are in agree	ement with	the principles of organic aquaculture?								
	(i)	Cons	servation of soil										
	(ii)	Avoi	dance of toxic substances with neg	gative impa	act on ecosystem in feeds								
	(iii)	Avoi	dance of antibiotics in treatment of	of diseases									
		(A)	(i) only	(B)	(ii) and (iii) only								
		(C)	None of the above	(D)	All the above								

42.	'Aqua by :	qua husbandry' finds its earliest mention in 'Treatise on Fish Culture' (in Chinese) written :										
		(A)	Si Wen Ming		Chow Mit							
		(C)	Fan Li	(D)	Hsu Kwang							
43.			blue mussel (<i>Mytilus</i> sp.) on rowsular to the shore :	s of brancl	nes of trees or wooden poles set in mud							
		(A)	Raft Culture System	(B)	Rope Culture System							
		(C)	Bouchot Culture System	(D)	None of the above							
44.	the is	Integrated Multi Trophic Aquaculture (IMTA) is an ecosystem based approach for addressing the issue of waste generated by aquaculture. Which of the following statement is true for IMTA?										
		(A) Carnivorous fishes can be grown in IMTA										
		(B) Formulated feeds are not used in IMTA										
		(C) Molluscs cannot be grown in IMTA										
		(D) None of the above										
45.	Passive Integrated Transponder (PIT) tags have become a popular tool in selective breeding of fishes. Which of the following statements is true about PIT tags?											
		(A) They have battery powered microchips										
		(B)	They can be read with mobile pho	ones								
		(C)	(C) Inserted into muscle or body cavity									
		(D)	None of the above									
46.			ne right option from the followi	ng stater	nents about giant freshwater prawn							
	(i)	They	swim upside down									
	(ii)	They are reared at a salinity of 12 ppt										
	(iii)											
	(iv)											
		(A)	(i) is not true	(B)	(iv) is not true							
		(C)	All statements are false	(D)	All statements are true							

47.	Choo	ose the species for which the following statements are true:									
	(i)	Larv	Larvae are fed with rotifers followed by artemia nauplii during the hatchery phase								
	(ii)	Larvae are cannibalistic									
	(iii)	Regu	ular size grading is done during the larv	al ph	ase to remove 'shooters'						
		(A)	Etroplus suratensis	(B)	Chanos chanos						
		(C)	$Mugil\ cephalus$	(D)	Lates calcarifer						
48.	Stoc	king r	material for <i>Penaeus vannamei</i> culture i	in Ind	ia is fully dependent on :						
		(A)	Specific pathogen free broodstock								
		(B)	Specific pathogen resistant broodstock	:							
		(C)	Specific pathogen tolerant broodstock								
		(D)	All the above								
49.	Whi	ch of t	the following carps prefers to feed on de	tritus	?						
		(A)	Ctenopharyngodon idella	(B)	Labeo catla						
		(C)	Hypophthalmichthys molitrix	(D)	Cirrhinus cirrhosus						
50 .	An i	ntens	ive aquaculture system that uses bac	teria.	algae, or protozoa held together in a						
			ong with particulate organic matter fo								
	recy	cling a	and disease prevention :								
		(A)	RAS Technology	(B)	Aquaponics Technology						
		(C)	Biofloc Technology	(D)	Bioremediation Technology						
51.	Whi	ch am	ong the following fishes shows these ch	anges	during breeding season?						
	(i)	Male	es with tubercles on head, operculum ar	nd pec	toral fins						
	(ii)	Bulged belly in female									
	(iii)	Roui	nd and protruded genital opening in fen	nales							
		(A)	Pterophyllum scalare	(B)	Etroplus maculatus						
		(C)	Betta splendens	(D)	Carassius auratus						
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52.	with	An aquarium fish of South American origin that can withstand low dissolved oxygen levels, with no food value and predation pressure, presently reported from the natural waters of many Indian states:										
		(A)	Pterigoplichthys spp.	(B)	Poecilia spp.							
		(C)	$Ictalurus\ spp.$	(D)	$Gambusia\ spp.$							
53.		Which of the categories listed below are not permitted for import as per DAHD's sanitary protocol for import of ornamental fishes?										
	(i)	Gene	etically modified verities									
	(ii)	An ii	nvasive species with deleterious impact	\mathbf{s}								
	(iii)	A kn	own vector or carrier of pathogens									
		(A)	(ii) and (iii) only	(B)	(iii) only							
		(C)	All the above	(D)	None of the above							
54.		Ovoviviparous fishes give birth to young ones. Which of the following statements are true about live bearers?										
	(i)	Anal	al fin modified to gonopodium in males									
	(ii)	Inter	Internal fertilization									
	(iii)	Once mated, the sperm is stored for fertilizing multiple batches of eggs										
	(iv)	Moth	ners are cannibalistic on young ones									
		(A)	(i), (ii) and (iii) are correct	(B)	(ii) and (iii) are correct							
		(C)	(i) (ii) and (iv) are correct	(D)	All the statements are true							
55. Green certification of freshwater ornamental fishes is an assurance that they had caught/produced/reared in a manner that ensures social and environmental sustain. Which is the nodal agency for implementation of Green Certification and Green Labelling in India?												
		(A) Export Inspection Agency										
		(B)	Marine Products Export Development	Auth	ority							
		(C)	Coastal Aquaculture Authority									
		(D)) National Fisheries Development Board									
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A			11		023/2023							
		(C)	Picornaviruses	(D)	Rhabdoviruses							
		(A)	Herpesviruses	(B)	Iridoviruses							
61.	The	small	lest virus based on the relative molec	ular ma	ss belongs to :							
		(C)	Euphotic Zone	(D)	None of the above							
		(A)	Disphotic Zone	(B)	Aphotic Zone							
	prod	uctiv	e photosynthesis :									
60.	Part	of th	ne photic zone of the ocean where ani	imals ca	an see but there is insufficient light for							
		(D)	All the above ((A), (B) and (C))									
		(C)	Nitrate runoff from soil is utilized in	n the co	astal waters							
		(B)	Role of nitrogen fixing bacteria is lin	mited in	the oceans							
		(A) Marine plants cannot use atmospheric nitrogen										
59.	The air is 78% nitrogen, why is then nitrogen a limiting factor in marine primary productivity?											
		(C)	(i) and (ii) only	(D)	All the above							
		(A)	(i) and (iii) only	(B)	(ii) only							
	(iii)	рН о	of oceans reduce due to increase in H ⁺	ion con	centration in seawater							
	(ii)	Ocea	ans absorb anthropogenic CO ₂ from a	tmosph	ere							
	(i)	Cora	als experience reduced calcification									
58.	Whic	Which of the following statements can be related to ocean acidification?										
		(C)	Ex-situ conservation	(D)	None of the above							
		(A)	Cryopreservation	(B)	Exotic Introductions							
57 .	The	meth	od by which fish germplasm resource	s are co	nserved in their natural habitat :							
		(C)	Sericulture	(D)	None of the above							
		(A)	Silviculture	(B)	Silvofisheries							
		brackish water aquaculture:										
56.	Low	inpu	it sustainable aquaculture system	that in	tegrates mangrove tree culture with							

[P.T.O.]

62.	Mato	atch the List-I with List-II:										
			Lis	t-I						List-II		
	a.	Aero	mon	as sa	lmon	icida		i		Hitra disease		
	b.	Photobacterium damsela subsp. piscicida								Furunculosis		
	c.	Vibr	io sa	ılmon	icida			i	ii.	Bacterial kidney disease		
	d.	Reni	ibact	eriun	n saln	nonin	arum	i	v.	Bacterial gill disease		
	e.	Yers	inia	ruck	eri			v	7.	Pasteurellosis		
								v	7i.	Enteric red-mouth		
	Cho	ose th	ie coi	rrect	answ	er fro	m the options	s given b	elov	w :		
			a	b	\mathbf{c}	d	e					
		(A)	ii	v	i	iii	vi					
		(B)	ii	v	iv	iii	i					
		(C)	iii	v	ii	i	vi					
		(D)	iii	iv	i	ii	vi					
	(i) (ii) (iii)	The The	broo pres	d sto	ck sho	ould r	mported, but not be develop gens followin ould be perfo	ped from	the	ocols detailed in the OIE Diagnostic		
	(iv)	No routine disease testing should be conducted for the eggs produced								or the eggs produced		
	` /	(A)		only					B)	(ii) and (iii)		
		, ,	, ,	and (i				(D)	(i), (ii), (iii) and (iv)		
64.							ment/s is/are	e true fo	or tł	ne development of antibiotic resistant		
	(i)	Use	of ar	ntibio	tics to	o com	bat bacterial	infection	ns ir	n the aquaculture systems		
	(ii)	Illeg	al ar	nd in	discri	minat	te use of antil	biotics				
	(iii)	Hori	zont	al Ge	ene Tr	ansfe	er (HGT) by t	he Gram	n-ne	gative probiont		
	(iv)	Use	of ar	ntibio	tics to	o com	bat viral infe	ections in	the	e aquaculture systems		
	(v)	Use	of ar	ntibio	tics to	o com	bat parasitic	infection	ns ir	n the aquaculture systems		
	(A) (i), (ii) and (iii) (B)						(i) only					
		(C)	(i),	(ii), (iii), (i	v) and	d (v)	(D)	(iii) only		
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65.	PCB	s star	nds for :									
		(A)	Polycarbonated Biphenyls	(B)	Polychlorinated Butanes							
		(C)	Polychlorinated Biphenyls	(D)	Polycarbonated Butanes							
66.	-	Synbiotics are nutritional supplements in the form of synergistic effect that includes the combination of:										
		(A)	Vaccine and probiotics	(B)	Antibiotics and probiotics							
		(C)	Probiotics and antibiotics	(D)	Probiotics and prebiotics							
67 .	_	ge-scal		e occu	arring temporarily in limited areas is							
		(A)	Sporadic diseases	(B)	Epidemics/Epizootics							
		(C)	Pandemics/Panzootics	(D)	Endemics/Enzootics							
68.	Appi	roved	medicated feed especially Romet® cons	sists o	f :							
	(A) Oxytetracycline dihydrate and Ormetoprim											
		(B) Ormetoprim and Sulfadimethoxine										
	(C) Sulfadimethoxine and Oxytetracycline dehydrate											
		(D)	Only oxytetracycline dihydrate									
69.	Which of the following is/are not an OIE listed pathogen?											
	(i) Infectious spleen and kidney necrosis virus											
	(ii)	Koi l	herpes virus									
	(iii)	Gyra	odactylus salaries									
	(iv)	Tilaj	pia Lake Virus									
		(A)	(i) and (ii)	(B)	(i) only							
		(C)	(iv) only	(D)	(i) and (iii)							
70.	The	poten	tial for gas-bubble disease in fish is due	e to:								
		(A)	High concentration of ammonia in wa	ter								
		(B)	Super saturation of total dissolved gas	ses in	water							
		(C)	High level of carbon monoxide gas in	water								
		(D)	(D) Increase in partial pressure of water									

71.	The following are the properties of a normal curve except:								
		(A)	The area under the curve is unity	7					
		(B)	Mean, median and mode are equa						
		(C)	Skewness is not equal to zero						
		(D)	It's a bell shaped curve						
72.	Con	sider	the following pairs :						
	(a)	Disp	persion	(i)	Chi square tests				
	(b)	Asso	ociation	(ii)	Regression				
	(c)	Prec	diction	(iii)	t-tests				
	(d)	Com	npare means	(iv)	Standard deviation				
	Whi	ch of	the given pairs below are correctly	matched?					
		(A)	(a)-(i), (b)-(ii), (c)-(iv), (d)-(iii)	(B)	(a)-(iii), (b)-(i), (c)-(ii), (d)-(iv)				
		(C)	(a)-(ii), (b)-(iv), (c)-(i), (d)-(iii)	(D)	(a)-(iv), (b)-(i), (c)-(ii), (d)-(iii)				
73.	If P-value of a test is 0.07, which of the following is true?								
		(A)	Reject H0	(B)	Do not reject H0				
		(C)	Accept H1	(D)	Do not reject H1				
74.	With reference to the relationship between variance and standard deviation, consider the following statements:								
	(a) Variance and standard deviation are not related.								
	(b)	Var	iance is equal to square of the stan	dard devia	tion.				
	(c)	Var	iance is equal to standard deviation	ı.					
	(d)	Var	iance is less than the standard dev	iation.					
	Wh	ich of	the following statement/s is/are con	rect?					
		(A)	(a) and (b)	(B)	(b) and (c)				
		(C)	(c) and (a)	(D)	(b) only				
75.	In r	egress	sion analysis, the variable that is be	eing predic	eted is:				
		(A)	The independent variables	(B)	Random variable				
		(C)	The dependent variables	(D)	None of these				
76.	In P	oisson	n distribution mean and variance a	re:					
		(A)	Equal	(B)	1				
		(C)	0	(D)	None of these				
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	(C)	Societate	(D)	Sosaiete		
	(A)	Sociedade	(B)	Societus		
81.	What Latin root does the word "sociology" come from?					
	(D)	Statement 1 is incorrect and 2 is corre	ect			
	(C)	C) Statement 1 is correct and 2 is incorrect				
	(B) Both the statement 1 and 2 are incorrect					
	(A) Both the statement 1 and 2 are correct					
	In this context of the above two statement, which of the following codes is correct:					
	Statemen	t 2: t test is used for comparison bet comparison between more than to		two groups whereas F test is used for sups.		
80.	Statement 1: t test and F test are non-parametric tests.					
	(D)	The slope of the regression line will be	e close	e to one		
	(C)	It is impossible to tell if there is a relationship between the two variables				
	(B)	•				
	(A)	A) There is no relationship between the two variables				
79.	When the correlation coefficient is close to one?					
	(D)	One tailed and two tailed test				
	(C)	Sample statistic and population parameter				
	(B)	Null and alternative hypotheses				
	(A)	Type I and type II error				
7 8.	The purpose of hypotheses testing is to make a judgment about the difference between:					
	(C)	Not defined	(D)	Not affected		
	(A)	Increases	(B)	Decreases		

77. In a distribution, as the sample size increases what happens to the standard error:

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	(C)	Learning Experience		(D)	Learnii	ng Situation		
	(A)	Learning Condition		(B)	Teachi	ng Situation		
	promoting	g learning are present :						
87.	It is desc	cribed as the condition	or environment	in	which a	ll the eleme	ents necessar	y for
	(D)	National Rural Employ	ment Programn	ne				
	(C)	National Extension Service						
	(B)	Grow More Food Campaign						
	(A)	Community Developme	ent Programme					
86.	Which one of the following is considered the permanent set-up for extension machinery in our country?							
	(D)	Telephone, Personal Letters, Farm and Home Visits						
	(C)	Radio, Television, Newspapers						
	(B)	Individual, group and mass						
	(A)	Seminar, Conference and Symposium						
85.	The extension methods are classified into three categories based on use. Choose the correct one:							
	(C)	Information Technolog	y	(D)	Innova	tion		
	(A)	Innovator		(B)	Techno			
84.	It refers to an idea or practice that a person or other unit of adoption perceives as new:							
	(C)	Venn diagram		(D)	Routine	e diagram		
	(A)	Map diagram		(B)	Flow di	agram		
83.	This diagram represents individuals or institutions in the village whose size indicates their importance in terms of decision-making:							
	(D)	Teaching, Deciding Reconsideration	objectives, An	alysi	ng the	situation,	Evaluation	and
	(C)	Analysing the situa Reconsideration	tion, Teaching	, D	eciding	objectives,	Evaluation	and
	(B)	Deciding objectives, Reconsideration	Analysing the	si	tuation,	Teaching,	Evaluation	and
	(11)	Analysing the situa Reconsideration	non, Declaing	obj	jectives,	Teaching,	Evaluation	and
	(A)	Analyzina the situe	tion Dociding	- 1-	. , .	m 1 ·	IV14:	1

88.	Which of the following foundation established Community Agrobiodiversity Centre (CAbC) at Wayanad district of Kerala in 1997?						
	(A)	(A) Reliance Foundation					
	(B) M.S. Swaminathan Research Foundation						
	(C)) DHAN Foundation					
	(D)	Sammaan Foundation					
89.	It refers to the range of methods utilized to comprehend how men and women relate to one another, their access to various resources, activities, and the constraints they encounter on						
		elation to one another:	(D)				
	(A)	Gender mainstreaming	(B)	Gender analysis			
	(C)	Gender action plan	(D)	Gender issues			
90.	Which of the following best describes the group contact method?						
	(A)	Circular letters	(B)	Result demonstration			
	(C)	Method demonstration	(D)	Farm and Home Visits			
91.	Who is the father of Economics?						
	(A)	Adam Smith	(B)	Robbins			
	(C)	Marshal	(D)	Winston			
92.	What is National Income?						
	(A) It is the net value of all economic goods produced by a country						
	(B)	It is the gross value of all economic goods produced by a country					
	(C)	(C) All income earned by a country					
	(D) All income excluding interest earned by a country						
93.	Fish resources that cross the boundary of one coastal state's Exclusive Economic Zone into the EEZ(s) of one or more other coastal states are referred to as:						
	(A)	Transboundary stocks	(B)	Straddling stocks			
	(C)	Abundant Stocks	(D)	Highly migratory fish stocks			
94.	The production efficiency of fish farm refers to:						
	(A)	Biological performance of the farm	(B)	Gross yield of the farm			
	(C)	Net yield of the farm	(D)	Average yield of the farm			

95.	whic		ooth sustainable and at a harvest	-	ual to the growth of the stock of fish, generates the largest possible catch is			
		(A)	Maximum Economic Yield	(B)	Maximum Obtainable Yield			
		(C)	Maximum Sustainable Yield	(D)	Maximum Marginal Yield			
96.	Legislation is defined as:							
		(A)	Act of making laws	(B)	Act of processing regulation			
		(C)	Act of framing guidelines	(D)	Act of farming norms			
97.	The scope of administration can be expressed in terms of the functional elements indicated by the letters of the word "POSDCORB" in which "R" stands for what?							
		(A)	Recruiting	(B)	Reporting			
		(C)	Redirecting	(D)	Reforming			
98.	The human resource that organises labour, land and capital to produce goods and services is termed as:							
		(A)	Human Capital	(B)	Entrepreneurship			
		(C)	Enterprise	(D)	Establishment			
99.	It is considered as a continuous threat to the long-term sustainable management of world fisheries:							
		(A)	A) Mechanised fishing					
		(B) Illegal, unreported and unregulated fishing						
		(C)	Climate change					
		(D)	Trawl fishing					
100.	In reference to India's Comprehensive Marine Fisheries Policy (2004), which of the following statement(s) is/are true?							
	(i)	i) To ensure the share of benefits resulting from marine resources.						
	(ii) To integrate deep sea and traditional coastal fishing sectors in the management of fisheries.							
	(iii)	(iii) To regulate fishermen's access to biological resources.						
	(iv)	To Allow foreign fishing vessels into Indian waters						
		(A)	(i) and (iv) Only	(B)	(ii) Only			
		(C)	(i) and (iii) Only	(D)	(ii) and (iii) only			

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