## 5/2015

1.	Whi	ch among the fol	llowing	; is used fo	r induc	ed br	reeding of carps	?	
	(A)	Ovaprim	(B)	MS222		(C)	Carbonic acid	(D)	Acetone
2.	Give	an example for	Air br	eathing fish	n :				
	(A)	Tilapia	(B)	Trout		(C)	Murrel	(D)	Common carp
3.	The	pond in which t	he fry	are grown	to finge	rling	size is:		
	(A)	Nursery pond			(B)	Prod	uction pond		
	(C)	Breeding pond			(D)	Rear	ing pond		
4.	Gas	bubble disease is	due to	);					
	(A)	Protein deficier	ncy		(B)	Diss	olved oxygen de	ficiency	· .
	(C)	Excess dissolve	ed oxyg	en	(D)	Pollu	ition		
5.	Give	an example for	live fe	ed used In	shrimp	hatc	hery:		
	(A)	Lab - lab	(B)	Skeletonen	na	(C)	Fragillaria	(D)	Microsystis
6.	The	traditional shrin	np farn	ning in Ker	ala is k	nowi	ı as :		
	(A)	Prawn filtratio	n		(B)	Inter	sive farming		
	(C)	Valli culture			(D)	Semi	intensive farmi	ng	
7.	In K	erala famous cer	ntre for	Milk fish f	fry colle	ection	is:		
	(A)	Kumarakom	(B)	Poyya		(C)	Puduvaipu	(D)	Njarakkal
8.	Sea	bass is a :							
	(A)	Herbivore	(B)	Detritivo	re	(C)	Omnivore	(D)	Carnivore
9.	State	e fish of Kerala i	s :						
	(A)	Oil sardine	(B)	Indian m	ackerel	(C)	Pearl spot	(D)	Seer fish

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10.	Mono sex culture is popular in :											
	(A)	Mullet	(B)	White shrimp	(C)	Milk fish	, (D)	Tilapia				
11.	Give	e an example fo	r live be	earing fish :								
	(A)	Molly	(B)	Gold fish	(C)	Koi carp	(D)	Angel fish				
12.	Nan	ne a plant toxic	ant used	d in Aquaculture	:							
	(A)	Dieldrin		(B)	Gro	undnut oil cake						
	(C)	Tea seed cake		(D)	CuS	5O <sub>4</sub>						
13.	Sele	ct the correct or	rder of l	arval developme	ent in I	Penaeid shrimp	:					
	(A)	Egg - mysis -	naupliu	s - protozoea - p	ost lar	vae						
	(B)	Egg - protozo	ea - nau	plius - mysis - p	ost lar	vae						
	(C)	Nauplius - eg	g - prote	ozoea - mysis - p	ost lar	vae						
	(D)	Egg - naupliu	s - proto	ozoea - mysis - p	ost lar	vae						
14.	Whi	ch among the f	ollowing	g is popularly kr	nown a	as 'Scampi' ?						
	(A)	Penaeus monoi	don	(B)	Mac	robrachium roser	nbergii					
	(C)	Metapenaeus a	lobsonii	(D)	Meta	apenaeus monoce	rose					
15.	Whi	te spot disease i	in shrim	p is caused by :								
	(A)	Bacteria	(B)	Fungus	(C)	Virus	(D)	Protozoa				
16.	The	instrument Seco	chi disc	is related with :								
	(A)	Salinity	(B)	Temperature	(C)	pH	(D)	Turbidity				
17.	Pick	out the odd on	e:									
	(A)	Copepod	(B)	Navicula	(C)	Anabaena	(D)	Chlorella				
18.	Whi	ch among the fo	ollowing	g is not a coastal	distric	et in Kerala ?						
	(A)	Kozhikode	(B)	Kollam	(C)	Malappuram	(D)	Palakkad				

19.	Selec	t the true statement	from below:						
	(A)	Dissolved Oxygen i	s maximum ji	ust bef	ore da	y break			
	(B)	Dissolved Oxygen l	evel increases	durin	g nigl	nt			
	(C)	Dissolved Oxygen i	s maximum i	n late	aftern	oon			
	(D)	Dissolved Oxygen l	evel remains	consta	nt du	ring day time			
20.	Ducl	k cum fish culture is	an example f	or:			,		
	(A)	Composite fish cult	ure	(B)	Mon	oculture			
	(C)	Intensive culture		(D)	Integ	rated fish cult	ure		
21.	Eye	stalk ablation technic	que is used in	:					
	(A)	Induced breeding of	of carps	(B)	Indu	ced breeding o	of mullets	5	
	(C)	Induced breeding o	of mussel	(D)	Indu	ced breeding	of Penaei	d shrimp	
22.	Catl	a is a fee	eder.						
	(A)	Surface (B	Bottom		(C)	Column	(D)	Filter	
23.	Whi	ich among the follow	ing is not a c	ultivat	ole shr	imp?			
	(A)	Fenneropenaeus indi	icus	(B)	Pena	eus monodon			
	(C)	Penaeus vannamei		(D)	Para	penaeopsis styl	ifera		
24.	In fi	ish culture pond aera	itor is used :						
	(A)	To increase dissolv	ed oxygen	(B)	То	lecrease turbid	lity		
	(C)	To decrease acidity	1	(D)	To i	ncrease acidity	7		
25.	The	fish which can be u	sed in aquatio	weed	contr	ol is:			
	(A)	Catla (1	B) Grasscar	р	(C)	Murrel	(D)	Mrigal	
26.	Giv	e an example for col	d water fish :						
	(A)	Guppy (	B) Milk fish		(C)	Trout	(D)	Catfish	
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27.	Nat	ne a fish wh	nich is	used	in mosquit	o larv	ae cor	ntrol:		
	(A)	Rohu		(B)	Gambusia		(C)	Silver carp	(D)	Gold fish
28.	Sele	ect an organ	ic mar	ure f	rom below					
	(A)	Cow dun	g			(B)	Ure	a		
	(C)	Super pho	osphat	e		(D)	Tea	seed cake		
29.	Sele	ct a fish tha	t can ş	grow	better in ca	ges :				
	(A)	Catla (CI)		(B)	Pearl spot		(C)	Mrigal	(D)	Anabas
30.	The	average cul	ture p	eriod	of Indian T	iger s	hrimp	is:		
	(A)	3 - 4 Mont	ths	(B)	One year		(C)	6 - 8 Month	s (D)	8 - 10 Months
31.	The	function of	a core	trenc	h in an ear	then l	bund i	s:		
	(A)	To act as v	valk a	ble sp	ace					
	(B)	To strengt	hen th	e bun	nd					
	(C)	To avoid o	lirect o	contac	et with bun	d and	wate	r		
	(D)	To facilitat	e nett	ing o <sub>l</sub>	peration					
32.	Whi	ch nation ra	nks fir	st in	world fish	produ	ction	?		
		India		(B)	USA		(C)	China	(D)	Japan
33.	Whi	te leg shrim	p' is:							
	(A)	Penaeus van	nnamei			(B)	Penae	eus monodon		
	(C)	Thenus orie	ntalis			(D)	Fenne	ero penaeus inc	licus	
34.	Most	important o	contrib	outor	of cultured	shrin	np in I	ndia is :		
	(A)	Kerala				(B)	Andh	ıra Pradesh		
	(C)	Tamil Nadi	u			(D)	West	Bengal		
35.	The t	oxic compo	nent ir	Mah	ua oil cake	is:				
	(A)	Saponin		(B)	Rotenone		(C)	Eldrin	(D)	Simazine
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36.	Scie	ntific name of Gre	en M	ussel is :					
	(A)	Pinetada fucata			(B)	Perna	a indica		
	(C)	Pampus argentiu	!S		(D)	Perna	a viridis		
37.	Whi	ch among the foll	owing	g is not a pro	oduct	extra	cted from sea w	reed ?	
	(A)	Agar - agar	(B)	Carrageen	an	(C)	Alginic acid	(D)	Chitin
38.	Fish	is a good source	of:						
	(A)	Vitamin	(B)	Mineral		(C)	Protein	(D)	Carbohydrate
39.	The	greenish colour o	f a po	nd water is	an in	dicatio	on of :		
	(A)	Plankton turbid	ity		(B)	Clay	turbidity		
	(C)	High acidity			(D)	Oxyg	gen depletion		
40.	Raft	culture is commo	only u	sed for :					
	(A)	Shrimp	(B)	Mussel		(C)	Crab	(D)	Murrel
41.	Nan	ne an elasmobran	ch fisl	n :					
	(A)	Sardine	(B)	Platy		(C)	Anabas	(D)	Shark
42.	Indi	an pearl oyster is	:						
	(A)	Perna indica			(B)	Pinci	tada fucata		
	(C)	Loligo duvauceli			(D)	Cras	sostrea madrasen	isis	
43.	Nan	ne a shrimp that c	omple	etes its life c	ycle ii	n sea i	itself:		
	(A)	Karikadi shrim	p		(B)	Gian	t tiger prawn		
	(C)	Indian white pr	rawn		(D)	Gian	t freshwater pr	awn	
44.	The	protozoa stage ol	shrin	np feeds ma	inly o	n:	+		
	(A)	Rotifer	(B)	Artemia n	auplii	(C)	Diatom	(D)	Detritus

45.	The	Cannibalism beh	aviou	r is shown b	by:					
	(A)	Mrigal			(B)	Milk	fish			
	(C)	Giant freshwate	er pra	wn	(D)	Non	e of th	e above		
46.	Quie	ck lime is :								
	(A)	CaO	(B)	Ca(OH) <sub>2</sub>		(C)	CaC	03	(D)	Mg(OH) <sub>2</sub>
47.	Win	kler's test is used	for th	e determina	ation o	of:				
	(A)	Alkalinity	(B)	Dissolved	Oxyg	en	(C)	Hardness	(D)	Ammonia
48.		evice used in spat			sel is					
	(A)	Rack	(B)	Ren		(C)	Reef		(D)	Raft
49.	'Brin	ne shrimp' is :								
		Metapenaeus mo	nocero	ıs	(B)	Rotif	for			
	(C)	Moina	mocere		(D)	Arte				
	(-)				(2)	71110				
50.	Viral	l disease in shrim	p can	be detected	by:					
	(A)	Widal Test			(B)	ELIS	A Test			
	(C)	PCR Test			(D)	None	e of the	above		
51.	A fis	h which is know	n as 'I	Miss Kerala'	:					
	(A)	Puntius sarana			(B)	Punti	ius den	isonii		
	(C)	Etroplus maculat	es		(D)	Poeci	lia retio	culata		
52.		xample for cepha								
	(A)	Seer fish	(B)	Ray		(C)	Crab			(D) Squid
53.	Salas	t an angethotic w	ad in	figh good to		mbo bi				
55.	(A)	t an anesthetic us Permutit	eu in	usn seed tr	300					
	(C)	Clinoptilolite			(B) (D)	MS22		Magan		
	(~)	Caroparone			(D)	Ividid	chite g	reen		
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54.	The	process of artific	ial rec	ruitment in s	seas b	y fish	seeds produce	d in hat	cheries :	
	(A)	Sea ranching	(B)	Culture fis	hery	(C)	Capture fishe	ry (D)	Artificial reef	
55.	Selec	t the odd one fro	om bel	low:						
	(A)	Mahseer	(B)	Snake head	d	(C)	Magur	(D)	Singhi	
56.	Iden	tify a protozoan	diseas	e from belov	w:					
	(A)	MBV			(B)	Sapr	olegniasis			
	(C)	Fin rot			(D)	Ichtl	nyophthiriasis			
57.	Cho	ose the wrong st	ateme	nt from belo	w reg	ardin	g Acid sulphat	e soil :		
	(A)	It is more suita	ble for	brackish wa	ater c	ulture				
	(B)	It is due to the	forma	tion of Pyrite	e in th	ne soil				
	(C)	Its colour is pal	le yello	ow on top.						
	(D)	Its pH is below	4.							
58.	The	fish which is kno	own a	s poor man's	s fish	:				
	(A)	Indian macker	el		(B)	Indi	an anchovy			
	(C)	Indian oil sard	ine		(D)	Sole	fish			
59.	The	gonopodium in	male (	Guppy is a :				94		
	(A)	Modified anal	fin		(B)	Mod	lified pelvic fin	1		
	(C)	Modified pecto	ral fir	1	(D)	Non	e of these			
60.	Ider	ntify a predatory	aquat	ic insect fror	n belo	ow:				
	(A)	Salvinia	(B)	Argulus		(C)	Limnometra	(D)	Ergasilus	
61.	Whi	ch among the fo	llowin	ıg is not an i	nstitu	ition f	unctioning in t	he field	of Aquaculture?	
	(A)	CIBA	(B)	CIFE		(C)	CIFA	(D)	ADAK	
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62.	Whi	ich culture practi	ce in	Aquacultur	e obta	ins hi	gh production	?	
	(A)	Extensive cultu	re		(B)	Sem	i intensive cult	ure	
	(C)	Modified exten	sive c	ulture	(D)	Inte	nsive culture		
63.	Iden	ntify a common w	veed f	ish in cultu	re por	nd ·			
		Aplocheilus	(B)		c por		Magur	(D) Pungasius	s
								gler (mark-adri)	
64.	A pa	arasite known as	fish l	lice' is :					
	(A)	Lernaea	(B)	Argulus		(C)		1.5	m
65.	An i	deal depth for a	rearin	g pond is:				Town mod midd	
	(A)	2 - 3 m	(B)	1.5 - 2 m				(D) Below 0.5	r
								synth to as afully	1
66.	Expa	and FCR :						rengener (A)	
	(A)	Food Conversion	n Rat	io	(B)	Folli	cle Cell Ratio	- Contracted (C)	
	(C)	Fat Conversion	Rate		(D)	Food	l Collection Ra	te	
								bid desire	
67.	Selec	et a floating aqua	tic we	ed from bel	low:				
	(A)	Nymphaea	(B)	Pistia		(C)	Hydrilla	(D) Marsilia	
68.	Find	out the correct s	tatem	ant about C	'amm				
		Bottom feeder	tatem	ent about C	(B)	teri.			
	(C)	Both (A) and (B	)		(D)		ds in captivity of the above		
	. ,		,		(2)	240210	or the above		
69.	The c	desirable water p	H for	fish culture	is:				
	(A)	4 - 6	(B)	7 - 9		(C)	9 - 11	(D) 5-7	
70.	Name	e a binder used i	n fish	feed prepar	ation				
	(A)	Fish meal		- Prepu	(B)	Corn	oil		
	Daniel Commence	Soyabean cake			(D)		oxymethyl celli	ulose	
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71.	In p	enaeid shrimp a	gravi	d spawner' mean	is:	MA A		
	(A)	A fully matured	male	shrimp				
	(B)	A female with r	ipe o	vary				
	(C)	A female with i	ipe o	vary and impregi	nation	on Thelycum		
	(D)			ergone eye stalk a				
72.	The	salinity tolerance	limit	of milk fish is:				
	(A)	0 - 40 ppt	(B)	20 - 30 ppt	(C)	10 - 20 ppt	(D)	
73.	The	eggs of common	carp i	s:				
	(A)	Non - adhesive	(B)	Opaque	(C)	Adhesive Think	(D)	Floating
74.	Cult	ure of Angel fish	is an	example for :				
	(A)	Composite fish	cultui	re (B)	Inte	nsive culture		
	(C)	Extensive cultur	re	(D)	Orn	amental fish cultu		
75.	Selec	ct the Euryhaline	fish fi	rom below :				
	(A)	Milk fish	(B)	Silver carp	(C)	Grass carp	(D)	Gold fish
						of (1) 198		2 5)
76.	The	term Pisciculture	is rela	ated to:				
	(A)	Crab culture	(B)	Shrimp culture	(C)	Fish culture	(D)	Mussel culture
77.	The	component of bra	ckish	water farm which	h reg	ulates water flow	in po	ond is :
	(A)	ETP	(B)	Sluice gate	(C)	Reservoir pond	(D)	Bund
78.	The	costliest ingredier	nt use	d in fish feed is :		100		
	(A)	Carbohydrate '	(B)	Fat	(C)	Protein	(D)	Vitamins
79.	pH 4	is considered as	:					
	(A)	Alkaline death	point	(B)	Acid	lic death point		
	(C)	Neutral pH		(D)	Stro	ng alkalinity		182 100

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80.	The	pituitary gland o	f fish	can be presen	rved	by:			
	(A)	Alcohol	(B)	Aceton - d	ried	(C)	Formalin	, (D)	Both (A) and (B)
81.	Iden	tify the robotic su	ıbmari	ine deployed	to so	lve th	e mystery of lo	st malay	sian plain MH 370.
	(A)	Ocean sheild	(B)	Hyxon 01		(C)	Bluefin 21	(D)	P - 3 Oreon
82.	Who		The ac	cidental Prin	ne Mi	nister	: the making ar	nd unmal	king of Manmohan
	(A)	Vikram Chandi	ra		(B)	Kira	n Desai		
	(C)	Vijay Seshadri			(D)	Sanja	ay Baru		
83.		supreme court o					ne third catego	ry of se	x and directed the
	(A)	Men	(B)	Transgend	ers	(C)	Lesbians	(D)	Women
84.	The	General Assembl	y of th	ne united Na	itions	passe	ed the UDHR o	n:	
	(A)	10 December 19	946		(B)	10 D	ecember 1947		
	(C)	10 December 19	948		(D)	10 D	ecember 1949		
85.	Bho	odan Movement	in Ind	ia was launc	hed l	oy:			
	(A)	Acharya Vinob	a Bha	ve	(B)	Acha	arya Narendra	Dev	
	(C)	Jayaprakash Na	arayaı	1	(D)	Ram	Manohar Loh	ya	
86.	The	constitution of In	idia Pi	rovides an E	lectio	n Cor	nmission unde	r Article	:
	(A)	320	(B)	324		(C)	327	(D)	329
87.	Who	presides over th	e join	t sitting of th	ne two	o hous	ses of the parlia	ament?	
	(A)	President of Inc	lia		(B)	Vice	President of Ir	ndia	
	(C)	Chief Justice of	India		(D)	Spea	ker of Lok Sab	ha	

88.		was the Prime N creamy layer amo				Mand	al Commission	was ap	pointed to ident	tify
	(A)	Charan Singh	(B)	Indira Ga	ndhi	(C)	Morarji Desai	(D)	V. P. Singh	
89.	Cent	tral Drug Researc	h Inst	itute is loca	ited at					
07.		52 0.			neu ai		Name Dellet	(D)	41 1 1 1	
	(A)	Lucknow	(B)	Pune		(C)	New Delhi	(D)	Ahmedabad	
90.	Whi	ch of the followin	g is tl	ne currency	of Uk	craine	?			
	(A)	Ukrainian Ruble	9		(B)	Ukra	ninian Dollar			
	(C)	Ukrainian Hryv	nia		(D)	Ukra	inian Pound			
91.	Kera	la observed the 8	0 <sup>th</sup> an	niversary o	of the f	follow	ing incident on	l Nove	ember 2011 :	
	(A)	Temple Entry P	roclar	nation.	(B)	Niva	rthana Agitatio	n.		
	(C)	Malabar Mutiny	<i>'</i> .		(D)	Guri	ıvayur Satyagra	ha.		
92.	The	flowering hormor	ne of p	olants is :						
	(A)	Florigen	(B)	Ethylene		(C)	Cytokinins	(D)	Gibberllins	
93.	Whi	ch instrument is u	sed to	determine	the b	oiling	points of liquids	?		
	(A)	Hydrophone			(B)	Нур	someter			
	(C)	Hygroscop			(D)	Hygi	rometer			
94.	Lux	is used to measur	e :							
	(A)	Wavelength			(B)	Astro	onomical distanc	ce		
	(C)	Intensity of illur	ninati	on	(D)	Mag	netic flux			
95.	The	acid commonly u	sed in	car batteri	es is :					
	(A)	Nitric Acid			(B)	Sulp	huric Acid			
	(C)	Hydrochloric Ad	cid		(D)	Acet	ic Acid			
A					13				5/20	15

{P.T.O.}

96.	. The medicine used in the treatment of Tuberculosis is ;								
	(A)	Streptomycin	(B)	Aspirin	(C)	Anacin	(D)	Tetracycline	
97.	Polic	omyelitis is cause	d by:						
	(A)	Bacteria	(B)	Virus	(C)	Fungus	(D)	Protozoa	
98.	The	place where Nan	a Sah	eb led the revolt	of 185	7 is :			
	(A)	Delhi	(B)	Lucknow	(C)	Faizabad	(D)	Kanpur	
99.	Whi	ch of the followir	ng org	anization won th	e Nob	el Prize for peace	in 20	12 ?	
	(A)	OPCW	(B)	IPCC	(C)	EU	(D)	IAEA	
100.	"On	e Vision, One ide	ntity,	One Community	" is th	e motto of :			
	(A)	NAM	(B)	ASEAN	(C)	SAARC	(D)	UNESCO	
				-00	0 -				