Tags

#Fishery Edu-Test

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Fisheries Science

industry involves catching, processing, marketing and conservation of fish. One can learn about managing and understanding fisheries by pursuing academic career in *Fisheries Science* – like:

Bachelor of Fisheries Science (B.F.Sc), B.Sc. (Industrial Fish and Fisheries), B.Sc. (Fisheries), B.Sc. (Aquaculture), Master's of fisheries science (M.F.Sc), Master's of Science (M.Sc. Zoology: Fish and Fisheries) etc.

Besides, one can also pursue M.Sc. in the specialized disciplines – like - Aquatic Biology & Fisheries, Coastal Aquaculture and Marine Biology, Fishery Science and Aquaculture, Industrial Fisheries, Limnology and Fisheries, Marine Biology and Fisheries.

There are a number of Colleges and Universities in India which provide education in fisheries:

Please refer to:

https://www.fisheriesindia.com.

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The selection of eligible students into the various courses in Fishery Science is done through ENTRANCE EXAMS.

Besides, Indian Council Agricultural Research (ICAR) organizes, India **Competitive Examinations for Junior Research** Fellowship, Senior Research Fellowship (Doctor of Philosophy) [ICAR AICE-JRF/SRF (Ph.D)], aegis of under the National Testing Agency (NTA); for different disciplines of Agriculture, Horticulture, Forestry, Veterinary, Animal Sciences, Agricultural Engineering, Community Science (erstwhile Home Science), FISHERIES, Dairy Science and other allied sciences in Agricultural Universities of India. **ENTRANCE EXAMS** are also organized for various 'JOB' opportunities in government and the private sector. After possessing an undergraduate degree (B.Sc./B.F.Sc), one may apply for the post Instructor, Research Assistant, Biochemist, Biologist, Technicians, etc. Also, one can apply in the Fisheries **Department of State Government for the post** of Fishery technician, Inspector Fisheries, Sub-Inspector Fisheries. Assistant Directors. **Fisheries** Assistant Development Officer (AFDO), Fisheries Extension Officer (FEO) and Fisheries Development Officer (FDO) etc.

The exams conducted for various Indian administrative services like IAS/IFS/PCS etc also include questions on Zoology/Fisheries.

To build a firm footing in FISHERY SECTOR

for fulfilling the desired 'aspirations' let us venture into Fishery QUESTION BANK arena.



1. Which of the following is the world's smallest fish? (a) Photocorynus (b) Schindleria (c) Pandaka (d) Paedocypris 2. 'WHALE SHARK' belongs to genus: (a) Arapaima (b) Cetorhinus (c) Rhincodon (d) Galeocerdo
2. 'WHALE SHARK' belongs to genus:
(a) Arangima (b) Cetorhinus (c) Rhincodon (d) Galeocerdo
3. Which one of the following Genera is called as 'WEL':
(a) Mistichthys (b) Eviota (c) Silurus (d) Arapaima
4. Which of the following is the largest fresh water fish confined to South America?
(a) Arapaima (b) Atractosteus (c) Etmopterus (d) Pangasianodon
5. At about what temperature, the Southern Ocean dwelling <i>Trematomus</i> sp. lives?
(a) -4°C (b) -2°C (c) -12°C (d) -5°C
6. Which is called as 'White Sturgeon'? (a) Asian reason (b) Use (c) Lanisactoria (d) Refurtatives
(a) Acipenser (b) Huso (c) Lepisosteus (d) Polypterus 7. For what Aristotle is famous?
(a) Father of Ichthyology (b) Father of Zoology
(c) Father of Biology (d) Father of Taxonomy.
8. Who is known as 'Father of Ichthyology'?
(a) Linnaeus (b) Bloch (c) Ftora (d) Petrus Artidi
9. Which of the following was the work of Petrus Artidi?
(a) Historia Piscium (b) Historiae animalium
(c) Systema naturae (d) Manuscriptum ichthyologicum
10. Mark Eliezer Bloch who prepared a general system of fishes in his 'Ichthyologica' was a:
(a) British Army Personnel (b) German Physician
(c) American Physician (d) French Army doctor
11. 'An Account of fishes from the river Ganges and its Branches', was given by whom?
(a) Georges Cuvier (b) Sunder Lal Hora
(c) Francis Hamilton (d) Mark Eliezer Bloch
12. Who expanded the system of fish classification, to include fossil forms, also?
(a) Guenther (b) Louis Agassiz (c) Jordan (d) Muller
13. The 'Genera of fishes' by David Starr Jordan, was published in how many Parts/Volumes?
(a) 2 Volumes (b) 4 Parts (c) 5 Parts (d) 5 Volumes
14. Which 'Part' of the 'Genera of fishes' covers the 'Mediaeval Period of Systematic Ichthyology'?
(a) Part-1 (b) Part-3 (c) Part-2 (d) Part-4. 15. 'De re rustica', which mentions about two kinds of fish ponds, was the book written by whom?
(a) Linnaeus (b) Aristotle (c) Marcus Terentius Varro (d) Carridorus
16. Which refers to the ancient 'Fishermen's Town'?
(a) MALGA (b) SIDON (c) STEW (d) DULCES
17. The term Chordata was created by whom?
(a) Muller (b) Berg (c) Balfour (d) Boulenger
18. Notochord is derived from which of the following?
19. Marsipobranchii is the another name for which of the following?
(a) Holocephali (b) Cyclostomata (c) Batoidimorpha (d) Elasmobranchii
20. What the Devonian period is well known for?
(a) Golden age of Amphibia (b) Golden age of Fishes
(c) Golden age of Reptilia (d) Golden age of Aves.
21. Who advocated the 'Freshwater Origin of vertebrates'?
(a) Peter Bleeker (b) L.S. Berg (c) Francis Day (d) Thomas C. Chamberlain
22. Which of the following is a genus of prehistoric, fossil, predatory, freshwater lobe-finned fish?
(a) Haikouichthys (b) Guiyu (c) Titanichthys (d) Hyneria

23. Which of the following is a	n 'Invertebrate Chordate'	group?	
(a) Ascidia	(b) Placoderm	(c) Otracoderm	(d) Hemichordata.
24. Biochemically, all deutero muscular contraction?		sing, which of the follow	ving, in the energy cycle of
(a) Phospholipids	(b) ATP	(c) Phosphogens	(d) GTP.
25. Which of the following is a			
(a) Placodermi and Os		(b) Acanthodi and Placo	
	ha and Pteraspidomorpha		
26. Who was the first to frame			
(a) J.S. Nelson	(b) L.S. Berg	(c) P.H. Greenwood	(d) Georges Cuvier
27. 'Poissons Osseusx' and 'Ca	rtilagineux', were the cate	gories of fishes used in th	e Classification, by:
(a) Peter Artidi	(b) Georges Cuvier	(c) C.T. Regan	(d) J.E. Randall
28. Placoids, Ganoids, Ctenoid	ls and Cycloids were the 4 (Orders of fishes, recognize	ed by whom?
(a) C.T. Regan	(b) Georges Cuvier	(c) Louis Agassiz	(d) G.D. Johnson
29. How many Subclasses of C	lass Fishes were included in	n Johannes Muller's class	ification?
(a) 4 subclasses	(b) 6 subclasses	(c) 5 subclasses	(d) 7 subclasses
30. How many Subclasses of C	lass Fishes were included in	n Albert Guenther's classi	ification?
(a) 7 subclasses	(b) 4 subclasses	(c) 5 subclasses	(d) 3 subclasses
31. L.S. Berg placed all the fish		(0) 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	(4, 6 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
(a) Division – Pisces	(b) Grade – Pisces	(c) Superclass – Pisces	(d) Series – Pisces
32. To which of the following			(u) series Tisces
			(d) Charles
(a) Placoderms	(b) Gnathostomes	(c) Agnathans	(d) Sharks
33. How many Subphyla of Pis			/n=
(a) 4 subphyla	(b) 2 subphyla	(c) 6 subphyla	(d) 5 subphyla
34. According to Nelson's (199			
(a) Class	(b) Grade	(c) Subclass	(d) Infraclass
35. As per Nelson's (1976) clas			
(a) Teleostomi	(b) Teleostei	(c) Agnatha	(d) Placodermi
36. Who of the following is kn			
	b) Willi Hennig	(c) Earnst Mayr	(d) George Mayr
37. How many gill openings ar			(4)
(a) Only 1	(b) Only 7 pairs	(c) upto 15	(d) only 16
38. There is a single nostril on which of the following (a) Pteraspis		(c) Anglaspis	(d) Cephalaspis
39. <i>Geotria</i> and <i>Mordacia</i> are			
	(b) Nearctic region		(d) Ethiopian region
40. Which of the following is a			(a) Lampping a grow
	b) Hardistiella		Phlebolepis
41. All Lampreys, except Broo	k Lamprey (<i>Lampetra plane</i>	eri) are:	
(a) Patamodromous		(c) Catadromous	(d) Diadromous
42. Which of the following is t			
(a) Lampetra richardso (c) Lampetra fluviatilis	5	(b)Lampetra aepyptera (d) Lampetra lanceolata	
43. Which of the following for vertebrates?	ssil Agnathans represents a	n intermediate step in th	e evolution of jawed
	b) Galeaspids	(c) Cephalaspids	(d) Anaspids
44. A large sac-like extension the following?			
(a) Myxine	(b) Ichthyomyzon	(c) Geotria	(d) Mayomyzon
45. 'Knotting' and 'sneezing' a			(d) Lauren et er
(a) Myxine (b) Petromyzon	(c) Pharyngolepis	(d) Lampetra

46. Which is the oldest and basal Anaspid, remarkabl	y like the living agnathan	s having annular cartilage
around mouth?		
(a) Birkenia (b) Mayomyzon	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	d) Pteraspis
47. Which of the following is equivalent to class-Heteros		
		d) Cephalaspidiformes.
48. In addition to usual hearts, auxillary hearts are foun		
(a) Lampreys (b) <i>Myomyzon</i>	• • • • • • • • • • • • • • • • • • • •	d) <i>Pteraspis</i>
49. Under Order: Pteraspidiformes, which of the following	owing is the best known	member with an anterior
'rostrum' and smaller plates around the orbit?		
(a) Pteraspis (b) Astraspis		d) <i>Drepanaspis</i>
50. Molecular phylogenetic studies (sequencing of miRN	A libraries, coupled with ge	enomic analyses) show
that Cyclostomata are:		
(a) Monophyletic (b) Paraphyletic (c) Poly	phyletic (d) Prophyletic	
51. Cannibalism is the term, which refers to which of the	following?	
(a) Breeding habit (b) Copulation (c) Feed	ing habit (d) Nesting	
52. What is the Heart of fishes functionally known as?		
(a) Atrial Heart (b) Ventricular Heart	(c) Venous Heart (d) Si	nus Venosus Heart
53. Which type of Kidney is found in fishes?		
(a) Protonephros (b) Archinephros (c) Pron	ephros (d) Mesonephro	os
54. Which type of Vertebrae are found in fishes?		
(a) Heterocoelous (b) Procoelous (c) Amp	hicoelous (d) Amphiplaty	on
55. 'Restiform Bodies' supplement the function of which		
(a) Olfactory (b) Cerebral Hemispheres		rebellum
56. Exoskeleton of fishes is of which origin?	(7)	
	odermal (d) Endoderma	I
57. Tick the correct combination:	(4) = 1100 4011111	
(a) Urohypophysis, Corpuscles of Stannius, Vag	rus	
(b) Urohypophysis, Ultimobranchial gland, Blo		
(c) Urohypophysis, Ampullae of Lorenzini, Pano		
(d) Ultimobranchial gland, Urohypophysis, Cor		
58. 'Ampullae of Lorenzini' are:	pascies of Starrings	
(a) Chaemoreceptors (b) Electroreceptor	ure.	
(c) Gustoreceptors (d) Mechanoreceptors		
59. Who advocated the freshwater Origin of fishes?	itors.	
	Gegenbaur	
	en Sallan	
(c) John Muirhead Mac farlane (d) Laure 60. Which visual pigment is found in freshwater vertebra		
(a) Porphyropsin (b) Rhodopsin (c) Xant		with first and down found on
61. Which of the following fossil Gnathosome has been i	eferred to as the the fish t	with first modern face or
'Primordial complete jaw'?	tal Barress diam	(d) Chama
(a) Entelognathus (b) Brindabellaspi		(d) Shuyu
62. The fossils of which of the following are related with		
(a) Chondrichthys (b) Ostracoderms	(c) Placoderms	(d) Acanthodii
63. What are the Placoderms?		
(a) Agnathans (b) Cartilaginous fishes	(c) Ancient Gnathostome	s (d) Bony fishes
64. Which type of 'Jaw Suspension' was found in Placode		
(a) Amphistylic (b) Hyostylic	(c) Autostylic	(d) Autodiastylic
65. Head and Trunk shields were connected by a pair of		
(a) Antiarchi (b) Arthrodira	(c) Ptyctodontids	(d) Pteraspids
66. Which of the following is referred to as 'Giant Arthro	dire'?	
(a) Bothriolepis (b) Rhamphodopsis	(c) Dunkleosteus	(d) Gemuendina
67. Which is regarded as a 'Typical Arthrodire'?		
(a) Coccosteus (b) Ctenurella	(c) Arctolepis	(d) Pterichthyodes
68. All shields of head and trunk are characteristically or	namented by concentric ar	nd transverse ridge in
which of the following Arthrodire?		
(a) Phyllolepis (b) Bothriolepis	(c) Lunaspis	(d) Palaeacanthaspis

69. Body was greatly depressed like Rays and Skate			
(a) Remigolepis (b) Bothriolepis	(c) Gemu		(d) Coccosteus
70. Which of the following resembled modern 'chim			
(a) Ptyctodontids (b) Antiarchs 71. Which of the following were the first Placoderm	(c) Arthro		(d) Petalichthyids
claspers, associated with the pelvic fins?	is known to pos	sess male introllint	ent organs, the
	tiformes	(c) Pyllolepidiform	es (d) Acanthodii
72. Which of the following Placoderm fossils is aptly			
(a) Qilinyu (b) Entelogno			(d) Compagopiscis
73. Which of the following is the world's oldest com	plete shark foss	sil from the Early De	evonian?
		(d) Sinacanthus	
74. When upper jaw is attached directly through qu			
movably attached to the otic region of cho			suspension is formed?
	•	(d) Craniostylic	•
75. Pro-, meso- and metapterygia are the skeletal e			ſ
(a) Pectoral Fins (b) Pelvic Fins (c) 76. The vertebral centra of fishes, where the calcifie		(d) Anal fin	like, are called as:
(a) Cyclospondylus (b) Tectospondylus		ospondylus	(d) Calcispondylus.
77. Match the following:	(c) Astere	Spondylus	(u) calcisponayiasi
(a) Heterodontus	(a) Whale Shar	rk	
(b) Chlamydoselachus	(b) Cow Shark		
(c) Hexanchus	(c) Mackerel S	hark	
(d) Rhincodon	(d) Thresher SI	hark	
(e) <i>Alopias</i>	(e) Frilled – Sh		
(f) Carcharodon	(f) Port – Jacks	on Shark	
78. Which of the following Periods is called as 'The (
	Permian	(d) Cretaceous	
70 The 'emallest chark' helengs to which Genus?			
79. The 'smallest shark' belongs to which Genus? (a) Carcharodon (b) Pandaka (c)	Etmonterus	(d) Corydoras	
(a) Carcharodon (b) Pandaka (c)	Etmopterus	(d) Corydoras	
(a) Carcharodon (b) Pandaka (c) 80. Which of the following is a 'Saw Shark':	Etmopterus Pristis	(d) Corydoras (d) Stego	stoma
(a) Carcharodon (b) Pandaka (c) 80. Which of the following is a 'Saw Shark':	Pristis		stoma
(a) Carcharodon (b) Pandaka (c) 80. Which of the following is a 'Saw Shark': (a) Sphyrna (b) Pristophorus (c) 81. In which of the following Gill-Slits are ventrally s (a) Xenacanthimorpha (b) Cladosela	Pristis situated? chimorpha	(d) Stego	stoma (d) Batoidimorpha
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