SCIENTIFIC ASSISTANT - ZOOLOGY Deposition of large number of foraminifera shells forms 2) Imperforate shell 1) Proloculus chambers 4) Unilocular shell 3 White chalk The basal bodies of the cilia are connected with each other by 1) Tonofibrils 2) Myofibrils Interciliary fibrils 4) Neurofibrils Fossil protozoans include 1) Foramina Foraminiferans 4) Foramen of manroe 3) Foramen of panizza 4. Radial folds develop and secrete the A Sclerosepta 2) Corallite 3) Planula 4) Medura 5. Coclenterate having more than three type of zooids are called Polymorphic 2) Dimorphic 3) Mono morphic 4) Trimorphic The glochidium larva of freshwater mussel is an example 2) Permanent parasites 4) Endoparasities 1) Partial parasites 3) Ectoparasites In many species of asteroids the development is shortened by deletion of some larval stages. For example in astropecten-1) The brachiolaria larva is omitted and the 2) The pleutes stages is omitted bipinnaria metamorphases into the adult 3) Bipinnaria stage is omitted 4) None of the above The order coenothecalia include single genes 2) Hebopoia 1) Flabellum 4) Forgonia 3) Fungia 9. Polyperson theory was proposed by Vogt, Leuchart 2) Hacbel 3) Moser 4) Sedgewich 10. The recaptulation theory of evolution was put forth by 1) Ernst stackel 2) Hugo de Vries

4) Warsmann's

carried by the blood

power

2) Devolpment of an organ due to will

A) Every organ of body produces minute herditary particles called gametes which are

3) Lamarck

degenaration of useless

11. Darwin's theory of pangenesis proposes1) Development of useful organs and

3) Increase in organ size with age

A) Ticks

2) Ascaris lumbricoides

4) Wuchereria bancrofti

22. Ancylostomiasis is the name given to the infection caused by the worm

3) Round worm

1) entamoeba histolytica

Ancylostoma duodenale

2) Allelochemicals

47 Pheromones

2) Chiton

4) Aplysia

2) Silver fish

4) Tapeworm

1) Hormones

1) Patella

Neoplina (8)

Starfish

3) Unio

3) Alarm pheromones

33. Which is a monoplacophoran molluse?

34. Brachiolaria larva is seen in the devolopment of

35.	The auricularia larva soon changes into a barrel shaped form called donolaria which resembles the doliolaria of		
	1) Ophiuroidea 3) crinoides	2) Holotheroidea4) Echinoidea	
36.	The slug that lives on the sea coasts in br 1) Limax 3) Planorbis	ackish marshes is 2) Onchidium 4) Helix	
	and at this stage it is known as the 1) Ophiopluteus 3) Tornaria larva	2) Echinopluteus Pentaerinoid larva	
38.	Which one of the following is the inner most layer of the shell in the pearl oyster		
1	Nacreous layer 3) Prismatic layer	2) Periostracum4) Mantle	
39.	File-like rasping organ for feeding called	l as radula is present in all molluses, except	
	1) Pila(apple snail) 3) Aplysia(Sea hare)	2) Sepia(cuttle fish) W Pinctada(Pearly oyster)	
40.	Ascidia belongs to 1) Cephalochordata 3) Hemichordata	2) Urochordata 4) Invertebrata	
41.	Microsclenes and megascleres are found 1) Amphioxus 3 Ascidia	in the body of 2) Fishes 4) Balauglossus	
42.	The first in the Ascidiaus increases in th 1) Mouth 3) Shell	ickness and it may form 2) Tentacle A) Foot	
43.	Dorsal lamina is a thin slap lying inside the mid dorsal of this plarynx, it bears a number of conical, ciliated projections called languets and it is present in		
,	1) Echinoderms Ascidians	2) Molluscus 4) Fishes	
44.	The best quality of pearl is known as 1) Real moti 3) Linga moti	2) Sweta moti4) All the above	
45.	The earliest tetrapods that were the probability Labyrinthodonts 3) Devonean Skills	bable ancestors of amphibians were 2) Cyclostomes 4) Stegocephalia	
46.	The Indian fresh water fish which durin	g monsoon migrates from north to south is	
	1) Salmon 3) Tuna	2) Eeel A) Hilsa	

4) Griffin(1955)

2) Mud probing beak

Spatulate beak

2) Penguins

4 Albatross

3 Kramer(1951)

1) Wood chiselling beak

3) Fish catching beak

1) Kiwi

3) Dodo

57. The marine largest flying bird is called as the

58. The spoon full is characterized by a special beak called

59.	One of the conservation measures undertaken for wildlife in India includes		
	1) Destruction for commercial purposes 3) Deforestation	2) Protection by law 4) Aforestation	
	In-situ conservation include	,	
00.	1) NBAGR	2) IBWL	
	Tiger reserves	4) CITES	
61.	One of the main management problems	of the Idduki sanctuary was	
,	I lies in an ecosystem where there is highway disturbances	2) Local population (was inbetween)	
	3) Too many monkey were present	4) Visitors were many	
62.	One of the significance of wild life is		
/	Wildlife as a valuable genetic resource	2) Population explosion	
	3) Environmental pollution	4) Natural calamities	
63.	The Zone where limited human activity i	s allowed is	
	Buffer Zone	2) Core Zone	
	3) Manipulation Zone	4) Sanctuary	
64.	All India elephant preservation set was fo	ormulated in the years	
	1879	2) 1873	
	3) 1883	4) 1972	
65.	Vedanthangal bird sanctuary is known for	or its visiting season between	
	November to February	2) May to Dec	
	3) June to July	4) Oct to May	
66.	The national animal of India declared in	1973 is	
	Y) Panthera tigris	2) Panthera leo	
	3) Pavo cristatus	4) Elephas indicus	
67.	Golden eagle represent an endangered sp	pecies of	
	1) mammals	2) Himalayan tahr	
	3) Serow	Birds in India	
68.	In India, Asiatic water buffaloes are foun	nd only in	
	Assam, Madya pradesh and Nepal	2) Bengal	
	3) Gir forest	4) Idduki reserve	
<i>(</i> 0	,	•	
09.	. The low lying paddy fields along the coastal area of Kerala serve as suitable grounds for prawn culture and are known as		
	1) Hatcheries	2) Bheries	
/	Pokkali fields	4) Oyster beds	
70.	Attempts made to achieve, maximum proof water is known as	eduction of fish from a minimum quantity	
	1) Extensive fish culture	2) Intensive fish culture	
	3) Semi-intensive fish culture	4) None of these	

2) Brooding

1) Albumin flakes - Product of poultry egg 2) Poultry manure - By product of poultry

4) Incubation of egg

A) Polymouth Rock - Breed of poultry

Culling

3) Reaming

3) Ranikhet - Disease of fowl

81. Which one of the following is not correctly matched?

82.	In India, khan (1938) first succeeded induced breeding by injecting mammalian pituitary hormone to spawn in the fish -	
_	1) Labeo rohita	2) Clarias batrachus A) Cirrhinus mrigala
83.	Bi-pedal locomotion is advantageous beca	ause of -
	 Increases speed Provides letter support for body 	2) Reduces body weight A) Releases for limits for other purpose
84.	If a sub-population becomes reproductive populates then the mode of speciation is c	
/	1) Sympatic speciation 3) Sibling species	2) Allopatric speciation4) Mutation
85.	A common ancestry of man and great apo	es has been deduced from similarities in -
	Proteins and carbohydrates DNA content and RNA	2) Banding of chromosomes 4) RNA content
	Which of the following not true coacervate. They are protein aggregate	tes ? 2) They do not have lipid membrane and cannot reproduce
	3) The work of coacervates wide done by oparin	4) They are protobionts with polysacchards proteins and water
87.	"Zooming" is related to - Soil erosion 3) Flood	2) Desertification4) Water
	Solar cells are called as - H) Photovoltaic cells 3) Electric cells	2) Magnetic cells4) Photo magnetic cells
89. 	are the efficient absorbers of The Plants 3) Higher vertebrates	noise with high frequency. 2) Higher Invertebrates 4) Lower Vertebrates
90.	The common green house gases are - 1) Carbon-di-oxide, melton and chlorofluoro carbons	2) Methane, nitrous oxide and ozone
	3) Chlorofluoro carbons, Nitrous oxide and ozone	A) Carbon di oxide, methane, chlorofluoro carbons, Nitrous oxide, ozone
91.	Greenhouse effect is due to - Impermeability of long wave length radiation through CO ₂ of the atmosphere	2) Penetrability of long wave length radiations through O_3 layer
	3) Penetrability of long wave length radiations through CO ₂ layer	4) Impermeability of long wave length radiations through O ₃ layer

SC	IENTIFIC ASSISTANT - ZOOLOGY	
	"Saving the ozone layer" conference was XX London, 1989 3) Copenhagen, 1992	held at in the year 2) Rio-de-janeiro, 1992 4) Kyoto, 1997
93.	For astronauts algae is used as diet supp 1) Rich in proteins and low in lipids	lement because it is: 2) Low proteins and rich carbohydrate
	3) Rich in proteins carbohydrates and lipids	Rich in protein and low in carbohydrates
94.	The following are the radio nuclides entering the environment through fall out except -	
	1) Strontium	2) Cesium
	3) Cerium	Thorium
05	Domestic sewage effluent contains more	and
	Phosphorus and Nitrogen	2) Phosphorus and Sulphur
•	3) Nitrogen and Sulphur	4) Nitrogen and Carbon di oxide
	,	
96.	PAN is formed by the interactions of oxic sun light.	des of nitrogen and in the presence of
	1) Hydrogen	2) Nitride
	3) Ozone	4) Sulphur
97.	The study of the environmental condition and the life activities existed in the remote past ages is called -	
	1) Palaeo ecology	2) Space ecology
	3) Urban ecology	4) Habitat ecology
98.	Exploration of extra terrestrial environm support of man in space ship	nent, is required for the life
	1) Regenerating eco system	2) Partial ecosystem
	3) Terrestrial ecosystem	4) Complete ecosystem
	·	i) complete ecosystem
99.	Hyponatremia is:	
_	1) Loss of sodium	2) High sodium
	3) Loss of potassium	4) High potassium
100.	Lipogenesis occurs in the adipose tissue v	vhen -
_	H) Blood sugar is more	2) Blood sugar is low
	_	· -
	3) Lipid is more	4) Lipid is low
101.	Progesterone from corpus luctum predor	ninates-
1	1) During the first trimester of the pregnancy	2) During the second trimester of the pregnancy
	3) During the third trimester of the pregnancy	4) During the period of delivery

SC	ENTIFIC ASSISTANT - ZOOLOGY	
102.	Lutinizing hormone is secreted when	
	1) Follicle stimulating hormone increases	2) Follicle stimulating hormone decreases
	3) Estrogen level increases	Both FSH and estrogen increases.
103.	AID's speard due to	
	1) Homosexuality	2) Infected mother to foetus
	3) Infected needles and syringes	AY All the above
104.	Parthenogenetic devolpment can be active	vated by certain compounds called-
	1) Sulphuric acid	2) Calcium ionophores 4) Fructose
	3) Formalin	4) Fructose
105.	A portion of stomach which secrets gastr particles is-	in and churns the food into smaller
	1) Fundus	2) Corpus
/	3) Antrum	4) Pylorus
106.	Muscle contraction without change in th	e muscle length-
	1) Istonic	2) Isometric
	3) Concentric	4) Excentric
107.	Pheromones that are adaptive to both th	e sender and reciever are-
1	+) Synomones	2) Kairomones
	3) Allomones	4) Hormones
108.	Sperms are produced in the-	
	1) Leydig cells	2) Nurse cells
	Seminiferous tubules	4) Epididymis
109.		oduced during immune response-
	1) Mast cells	2) Platelets
	Lymphocytes	4) Macrophages
110.	Which of the following organ is not indu	ced in elicitation of immune response?
	1) Thymus	2) Spleen
	3) Lymph nodes	Cloaca
	Mesodrum induction was first demonstra	ated by Nieuwkoop in-
/	1) Urodele embroyos	2) Reptile embryo
	3) Ascidian embryo	4) Bird embryo
112.	Only parthenogenetic females are produ	ced in
	1) Arrhenotoky	2) Autofertilization
/	Thelytoky	4) Amphitoky
113.	Mesotrophic organisms are-	
	Organisms feeding on dead organic	2) Organisms feeding on predigested food
	material	by diffusion
/	Organisms that need at least one amino acid to fullfill their nitrogen requirement	4) Organisms that need more animo acids

2) Rone disorder

4) 30 Days

4) Myocordial infraction

124. Phosphatase is used in the diagnosis of-

Muscle disorder

1) I Day
 3) 20 Days

3) Acute pancreatitis

125. Corpus luteum lasts for-

SCIENTIFIC ASSISTANT - ZOOLOGY 126. Bitter taste is felt at-1) Taste buds present in the tip of the 2) Taste buds present in the lateral sides of _tongue the tongue Taste buds present at the base of the 4) Taste buds present at the ventral side of tongue the tongue 127. Pulse rate of adult is-1) 50-60 3) 80-85 128. The term Kineasis refers to-1) Movement of animal towards the source 2) Movement of a particular part of the body towards the source of stimulation of stimulation 3) Decrease in the speed of movement 4) Increase in the speed of movement towards the souce of stimulation towards the source of stimulation 129. Circadia rhythm follows-1) 10 hours cycle 2) 17 hours cycle 25 24 hours cycle 4) 48 hours cycle 130. Monozygotic twins are formed at which stage of cell division-First division at 2 cell stage 2) Second division at 4 cell stage 4) Fourth division at 16 cell stage 3) Third division at 8 cell stage 131. Progesterone secretion starts on the which day of menstrual cycle? الإر 14th day 2) 16th day 3) 20th day 4) 28th day 132. Amino acid from which ammonia is formed during ornithine cycle is-2) Glutamine 1) Asparagine 3) Glutamate 4) Aspartate 133. Induced breeding in fish is done by 1) Hypophysation 2) Anethesia 3) Sterilization 4) Isolation 134. Which of the following statements are correct? 1) Elvers are normal adults of 2) Elvers are normal larvae of Leptocephali. Leptocephali. 4) Elvers are Leptocephalic animals that has 3) Elvers are normal females of

Leptocephali.

laboratory

nature

nature while acclimation is the

compensatory changes by the animal in the

3) Both are exhibited by the animals in

stoped feeding and thinned before

laboratory while the other is in the nature

4) Both are exhibited by the animals in

migration.

laboratory

135. Acclimatization is different from acclimation in one of the following aspect.

Accilimatization is a complex situation in 2) Acclimatization is the change in the

SCIENTIFIC ASSISTANT - ZOOLOGY	
136. Kidney secretes-	
130. Kidney secretes-	
Erythropoietin & Renin	2) Miracle hormone & Melatonin
3) Emergency hormones and ATCH	4) Thyroxine & thyrotropin
	, ,
137. Net yield of ATP per glucose molecule of	exidised after 2NADH are transported by
glycerophosphate-dihydroxy acetone pl	nosphate shuttle. It will be-
1/36	2,38
3) 32	4) 30
138. A population of lympocytes and other w	white blood cells that defends vertebrates
against infection is called-	
1) Immune parasis	2) Immune response
3) Immune surveillance	4) Immune system
139. Fat soluable vitamin which is esseutral :	
bone and connection tissue is-	vision epithenal integrity, formation of
// Vitamin A	2) Vitamin K
3) Vitamin B	4) Vitamin C
140. Chymotrypsm contains 28 seryl residue	s but only one of it is a strong nucleonhile
140. Chymotrypsin contains 26 seryf fesidde	s but only one of it is a strong nucleophne-
1) (Ser135)	2 (Sar 195)
1) (Ser ¹³⁵) 3) (Ser ¹²⁵)	2) (Ser ¹⁹⁵) 4) (Ser ¹⁶⁵)
	, (
141. Sugars on hydrolysis yeild no further lo	wer sugars and are termed as-
1) Oligosaccharides	2) Monosaccharides
3) Disaccharides	4) Polysaccharides
,	, •
142. The trade name of a pseudomonas derive getting agent and agar substitute is called	
1) Agarose 20	2) Gelrite TM
3) Gelatin	4) gelsolin
,	, 3
143. A disease characterized by a abnormally	,
fluid under skin, with increase in subtar	
Myxedema	2) Myeloma
3) Muscle fatigue	4) Luekemia
144. Absence of immunoglobulin due to lack	of matuse B - cells is known as -
1) 701	2) 1
1) Thrombocytopenia	2) Agammaglobulinemia
3) Anaphylatoxin	4) Apoptosis
145. The main source of cholesterol is-	
X) Fish liver oil, brain and spinal cord of	2) Fish blood, muscle and eyes
cattle	
Fish skin, ovary and kidneys	4) Fish eyes, liver and fish fins

SCIENTIFIC ASSISTANT - ZOOLOGY			
146. For scientific research work, the collected data is reffered as-			
Primary data	2) Secondary data		
3) Tertiary data	4) Primary and secondary data		
147. If the Chi-square value	the degrees of freedom		
1) Increases, Decreases	2) Decreases, Increases		
) Increases, Increases	4) Decreases, Decreases		
148. The data is collected from all the individent enquiry is called	lual items that are connected with the		
1) Sampling method	2) Census Method		
3) Random sampling	4) Non-Random sampling		
149. The median formula for continuous series is Median= $\ell_1 + \frac{(\frac{N}{2} - C)}{f_{\rm m}} \times h$			
Here: fm and h denotes Frequency of the median class and width of the class intervals			
B. Frequency preceding the median class and width of the class intervals			
 Frequency of the median class and no of class intervals 			
D. Cumulative frequency of median class and width of the median class			
150. With this graphical diagram one can est	imate the line of best fit.		
Scattered diagram	2) Skewness		
3) Kurtosis	4) Semi-Inter quartile range		
151. In a scatter diagram, the dependent and independent variables are represented by and axis.			
YY and X	2) X and Y		
3) Both vertical	4) Both Horizontal		
152. Assertion[A]: Standard deviation is called as root mean square deviation. Reason [R]: The square root of the variance of the sampling distribution is called standard error.			
1) Both A and R are true and R is the correct explaination of A	2) Both A and R are true and R is not a correct explaination of A		
3) A is true but R is false	4) A is False but R is true		
153. Assertion[A]: Ther are two kinds of free and Non-overlapping. Reason[R]: A free	quency distribution table, ie. Overlapping quency distribution should have a minimum		

2) Both A and R are true and R is not a correct explaination of A

4) A is False but R is true

of 5 classes and maximum of 20.

correct explaination of A

3) A is true but R is false

1) Both A and R are true and R is the

SCIENTIFIC ASSISTANT - ZOOLOGY			
154. the catabolic repression of the lac operon is to mediate via positive control by a regulatory proton called-			
~1) CRP 3) CAP	2) allalactose4) Catabolic repression		
155. A gene that specifies the animo acid sequence of a poly peptide chain is termed as-			
Y) structural gene 3) Operator gene	2) regulator gene4) Split gene		
156. One of the controlling elements which is a1) Inducer3) Co-Repressor	regulator gene for a protein called as (2) Repressor 4) RNA Polymers		
called as-	57. Base to base replacement in a mutation purine-purine, pyrimidine to pyrimidine is called as-		
Transitions 3) Translocations	2) Transversion4) Deletions		
158. UV radiation in absence of photolyase ge	ne produces		
Pyrimidine doners Base replacement	2) breakage of double strand4) Breakage of back bone of DNA		
59. Different types of chromosomes can be recognized by the position of the following separating the two arms-			
1) Genes 3) Nucleus	2) Spendle A) Centromere		
,	A) Centromere		
3) Nucleus 160. A mutation that has no phenolylic effect in Silent mutation	4) Centromere is called- 2) Cryptic mutation 4) Non sense mutation		
3) Nucleus 160. A mutation that has no phenolylic effect in Silent mutation 3) Missense mutation 161. In the case of the lac operon the effector in 1) Co-repressor	A) Centromere is called- 2) Cryptic mutation 4) Non sense mutation molecules are called as 2) Repressor 4) Inhibitors		
3) Nucleus 160. A mutation that has no phenolylic effect in the Silent mutation 3) Missense mutation 161. In the case of the lac operon the effector in the Co-repressor 3) Inducers 162. The operon concept of regulated gene expenses in the Silent mutation in the case of the lac operon the effector in the lac operon the lac operon the effector in the lac operon	A) Centromere is called- 2) Cryptic mutation 4) Non sense mutation molecules are called as 2) Repressor 4) Inhibitors pressed was first put forth by 2) Jacob & Monad, 1961 4) Mirksy & Ris, 1952		
3) Nucleus 160. A mutation that has no phenolylic effect in the case of the lac operon the effector in 1) Co-repressor 3) Inducers 162. The operon concept of regulated gene expensions and the case of the lac operon the effector in 1) Watson & Grib, 1953 3) Messelson & Stahl, 1951 163. Lac operon can be activated only in the particular than the medium	A) Centromere is called- 2) Cryptic mutation 4) Non sense mutation molecules are called as 2) Repressor 4) Inhibitors pressed was first put forth by 2) Jacob & Monad, 1961 4) Mirksy & Ris, 1952 presence of- 2) Lactose and glucose 4) Galactose in the medium		
3) Nucleus 160. A mutation that has no phenolylic effect in Silent mutation 3) Missense mutation 161. In the case of the lac operon the effector in 1) Co-repressor 2) Inducers 162. The operon concept of regulated gene expects 1) Watson & Grib, 1953 3) Messelson & Stahl, 1951 163. Lac operon can be activated only in the particular of the medium 3) Glucose in the medium 164. A plasmid in the soil bacterium is a cerus	A) Centromere is called- 2) Cryptic mutation 4) Non sense mutation molecules are called as 2) Repressor 4) Inhibitors pressed was first put forth by 2) Jacob & Monad, 1961 4) Mirksy & Ris, 1952 presence of- 2) Lactose and glucose 4) Galactose in the medium		
3) Nucleus 160. A mutation that has no phenolylic effect in Silent mutation 3) Missense mutation 161. In the case of the lac operon the effector in 1) Co-repressor 2) Inducers 162. The operon concept of regulated gene expects 1) Watson & Grib, 1953 3) Messelson & Stahl, 1951 163. Lac operon can be activated only in the particular of the medium 3) Glucose in the medium 164. A plasmid in the soil bacterium is a cerus	A) Centromere is called- 2) Cryptic mutation 4) Non sense mutation molecules are called as 2) Repressor 4) Inhibitors pressed was first put forth by 2) Jacob & Monad, 1961 4) Mirksy & Ris, 1952 presence of- 2) Lactose and glucose 4) Galactose in the medium sative agent for crown galls formation is 2) YAC A) T ₁ plasmid		

176. One of the reasons for not getting a continuous ribbon in microtechnique is

2) Proper infiltration of the material is not 4) Tissue is not stained enough

2) Intensity of light is not enough

1) Material selection is not correct

achived

187. Which one of the following organells contains extra chromosomal DNA

2) Ribosomes

4) Phagosome

1) Golgi body

37 Mitochondria

188. Assertion (A): The systematic sampling method is used when a complete list of population is available. Reason (R): The first item is selected by lottery method.		
1) Both (A) and (R) are true and (R) is the correct explanation of (A) 3) (A) is true but (R) is false	2) Both (A) and (R) are true but (R) is not the correct explanation of (A) 4) (A) is false but (R) is true	
189. Altered base in DNA is detected by		
1) DNA Polymerase 35 DNA glycosylase	2) DNA ligase4) DNA photolyase	
190. DNA POL I of prokaryotes is involved in 1) Repair 3) Gap-filling	2) Polymerization4) Breaking	
191. One of the specificity of protein synthesis Coupled transcription- translation 3) Translational activitators	in bacteria is2) Co-translational export4) Translational repressor	
192. Degeneracy of the genetic code refers to to More than one set of codon for one amino acid	he 2) Two bases signify one amino acid	
3) The codons overlap	4) The codons have three reading frames	
193. Short fragments of DNA observed in new 1) Premers 3) Okazaki fragments	ly replicated DNA are reffered to as 2) Primosome 4) SSB proteins	
194. One of the codons for phenylalanine is- 1) AAA 2) UUU	2) GGU 4) GAA	
195. The first person who isolated DNA polymerases from E-coli, around 1960 was		
1) Good enough Levine 1974 3) Arthur Kornberg	2) Tamarin 20024) Watson & Crick	
196. Cell organells can be separated by the me 1) Auto radiography	ethod of- 2) Microtomy	
3) Centrifugation	4) Chromatography	
197. The 't'RNA in protein synthesis is charge 1) When it moves to the 'A' site 3) Activated amino acid are attacthed to its 3' end	2) When it is pushed off from 'p' site	
198. 40s subunit is the part of 3) 60s ribosome	2) 70s ribosome 4) 50s ribosome	

SCIENTIFIC ASSISTANT - ZOOLOGY

199. Antisense RNA plays a role in-

Regulating gene expression by base pairing to mRNA

- 2) Regulating gene expression by binding to proteins or DNA
- 3) Involved in the recognition of short DNA 4) Involved in the processing of mRNA sequence

200. If the fishes are being imprisoned in a metal or bamboo structure for culture, then it is-

Cage culture

2) Pen culture

3) Salt pan culture

4) Coastal fish culture