ction 1 - Section 1				
Question No.1				4.00
Short lived immunity acquire	ed by foetus from mo	ther through placenta	is	Bookmark 🔽
 Innate nonspecific ir 	-		15	
 Passive immunity 				
 Active immunity 				
© Cellular immunity				
Question No.2				4.00
Statement: Apart from it's Assumptions:	entertainment value o	of Television, it's educ	ational value canno	Bookmark I
I. People take Television to	be the means of ente	ertainment onlv.		
II. The educational value of				
If both I and II are im	plicit			
○ If neither I nor II is im	plicit			
If only assumption II	is implicit			
If only assumption I i	s implicit			
Question No.3				4.00 Bookmark 🔽
Correct the error in the italic Job was a tiny man, barely O a sprightly walking			most appropriate o	ptions
 c spright walk 				
 a sprightly walk 				
 spright walkingly 				
Question No.4				4.00
				Bookmark 🗖
What process is used to ide	entity possible ribosc	me substrates?		
O DNA SELEX				
O DNA BLAST				
© RISC				
Question No.5				4.00 Bookmark □
Crumb : Bread ::				
C Flower : Vase				
C Splinter : Wood				
Tea : Cup				
O Water : Bucket				

Question No.6	4.00
	Bookmark
Based on the information given answer the following question.	arata profossiona
1. In a family of six persons, there are people from three generations. Each has see and they like different colours. There are two couples.	barate professions
2. Shyam is an Engineer and his wife is not a doctor and she does not like Red col	our.
3. Chartered Accountant likes green colour and his wife is a teacher.	
4. Manisha is the mother-in-law of Sunita and she likes orange colour.	
5. Vimal is the grand father of Tarun and tarun is the Principal and likes black colou	
6. Nyna is the grand daughter of Manisha and she likes blue colour. Nyna's Mother	likes white colour.
What is the profession of Sunita?	
C Chartered Accountant	
© Principal	
© Teacher	
© Cannot be determined	
Question No.7	4.00
	Bookmark
She studies very hard for the exams,?	Bookindik [
O isn't it?	
O does she?	
O doesn't she?	
© is it?	
Question No.8	4.00
	Bookmark
Sleeping sickness is caused by the vector	
C Phlebotomus	
O Simulium	
C Xenopsylla	
○ Glossina	
Question No.9	4.00
The meet important function of lease of Heale is	Bookmark
 The most important function of loop of Henle is c secretion of a variety of substances from the urine 	
-	
• creation of the glomerular filtrate	
C reabsorption of a variety of substances from the urine	
C creation of a strong osmotic gradient in the medulla	
Question No.10	4.00
	Bookmark
Disorder of adrenal cortex cause	
C Addison's disease and Cushing syndrome	
 Hashimoto's disease, gull's disease 	
C Cretinism, addison's disease	
C Simple goitre, cretinism	

4.00

- No change in the entropy of the protein
- C Large decrease in the entropy of the protein
- C Little increase in the entropy of protein
- C Large increase in the entropy of the protein

Question No.12

Question No.11

FASTA identifies identical matching words using the

- Substitution matrix
- C Hashing procedure
- O Blocks
- Motifs

Question No.13

4.00 Bookmark

Examples for egg laying mammals

- C Thecodonts, pelycosaurs
- C Echidna, thecodonts
- O Duck billed platypus, echidna
- C Therapsid, thecodonts

Question No.14

Which of the following functions is NOT served by the plasma proteins ?

- O2 transport
- C Buffering capacity of blood
- C Blood clotting
- Hormone binding and transport

Question No.15

If A+B means A is daughter of B, A-B means A is husband of B A × B means A is brother of B

From the statement A × B × C × D, which of the following statement is not necessarily true?

- C B is the brother of A
- C C is the brother of A
- A, B, C are male
- C D is brother of C

Question No.16

The Great Barrier Reef is constructed by animals belonging to the phylum

- C Chordata
- C Echinodermata
- Crustacea
- Cnidaria

4.00

Bookmark

Bookmark

Bookmark

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4.00 Bookmark 🔽

Bookmark

Question No.17	4.00 Bookmark ☑
The Animal that is considered as "amplifier host" of the virus, in Japanese encephalitis is	
⊂ Man	
⊂ Cattle	
C Horse	
© Pig	
Question No.18	4.00
Study the following information carefully and answer the question below it	Bookmark 🕅
Lakshman passes through seven lanes to reach his school. He finds that 'Truth lane' is bet house and 'Lie lane'. The third lane from his school is 'Karma lane'. 'Dharma lane' is imme before the 'Yog lane'. He passes 'Salvation lane' at the end, 'Lie lane' is between 'Truth lan 'Dharma lane', the sixth lane from his house is 'Devotion lane'.	diately
If Lakshman's house, each lane and his school are equidistant and he takes 2 minutes to p lane, then how long will he take to reach school from his house?	bass one
○ 15 minutes	
C 16 minutes	
⊂ 14 minutes	
C 13 minutes	
Question No.19	4.00
	Bookmark 🗖
 Basic criteria used to determine the evolutionary branch of vertebrates? Presence of mandibles, presence of limbs, presence of osseous skeleton, presence of waterproof skin, presence of warm blood, presence of mammary glands 	ce of
 Presence of mandibles, absence of limbs, absence of osseous skeleton, Presence 	e of
waterproof skin, absence of warm blood, Presence of mammary glands	
 Absence of mandibles, presence of limbs, presence of osseous skeleton, absence waterproof skin, presence of warm blood, absence of mammary glands 	of
C Absence of mandibles, absence of limbs, absence of osseous skeleton, absence of waterproof skin, absence of warm blood, absence of mammary glands	of
Question No.20	4.00
	Bookmark
Water vascular system of Echinodermata consists of	
S-shaped stone canals	
C Pedicillaria calyx	
Medreporite © Teidmann's bodies	
S-shaped stone canals	
© Teidmann's bodies	
Pedicillaria calyx	
Question No.21	4.00
	Bookmark
Choose the best synonym of the italicized word. Dr. Elango is in the habit of using <i>obsolete</i> words.	
© outdated	
© simple	
© difficult © wrong	

Question No.22 4.00 Bookmark Which is wrong about nucleic acids? C DNA is single stranded in some viruses C RNA is double stranded occasionally C Length of one helix is 45A° in B-DNA One turn of Z-DNA has 12 bases **Question No.23** 4.00 Bookmark Being awarded the Best Singer in 2010 marked a _____ in her life. C milestone C memorial C sign-post O yardstick **Question No.24** 4.00 Bookmark Which type of molecule forms the double layer of the plasma membrane? C Phospholipids C Ribosomes C Deoxyribonucleic acid O lon channels **Question No.25** 4.00 Bookmark 🔽 Nidhi walks 10 metres in front and 10 metres to the right. Then every time turning to her left, she walks 5, 15 and 15 metres respectively. How far is Nidhi now from her starting point? C 10 metres ○ 5 metres C 15 metres O None of the above **Question No.26** 4.00 Bookmark Hypophysation is done in major carps C To increase their palatability To increase size O To increase breeding in fisheries C To increase their growth **Question No.27** 4.00 Bookmark During which geological period was there an explosive increase in the number of many marine invertebrates phyla? O Devonian Ordovician O Permian C Cambrian

4.00

4.00

Bookmark

Bookmark 🔽

Question No.28

Find the odd one out?

- C Deduction
- O Withdrawal
- C Deposit
- C Debit

Question No.29

This is the school where I studied till class 5. The underlined word is a

- e underlined word
- C adverb
- o preposition
- pronoun
- C adjective

Question No.30

4.00

Bookmark 🗖

To distinguish Chikungunya from dengue fever, During an outbreak following test is used

- C Hemagglutination Neutralization Test
- $\ensuremath{\mathbb{C}}$ Hemagglutination Inhibition test
- Nucleic acid detection by PCR
- C IgM capture ELISA

Question No.31

Coral reefs are of three types

- Holozoic reefs Barrier reefs Atoll
- Fringing reefs Barrier reefs Atoll
- C Fringing reefs Barrier reefs Rhizopoda reefs
- Fringing reefs Development reefs Atoll

Question No.32

What three structures present among all chordates?

- C Vertebrate, notochord and regulatory network
- C Dorsal neural tube, gangial system, receptor efferent
- C Regulatory network, receptor efferent, dorsal neural tube
- O Branchial clefts, notochord and dorsal neural tube

Question No.33

What is the key question in the field of statistical estimation?

- C There is no key question in statistical estimation
- O Based on my random sample, what is my estimate of normal distribution?
- Based on my random sample, what is my estimate of the population parameter?
- Is the value of my sample statistic unlikely enough for me to reject the null hypothesis?

4.00 Bookmark

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Bookmark

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	4.00 Bookmark □
Margaret Dayhoff developed the first protein sequence database called	DOOKINAIK [
C Atlas of protein sequence and structure	
C Protein sequence databank	
C SWISS PROT	
C PDB	
Question No.35	4.00 Bookmark □
Adaptive immunity is mediated by B cells and T cells. B cells lack a typical receptor of its	
receptor is often	
C An IgE molecule	
C An IgA molecule	
○ An IgM molecule	
C An IgG molecule	
Question No.36	4.00
	Bookmark 🗖
A post hoc test is	
• A test to determine regression to the mean	
 A follow up test to the independent t-test 	
O A follow-up test to the analysis of variance when there are three or more groups	
 A test to compare two or more means in one overall test 	
Question No.37	4.00
	Bookmark 🔽
A toxin that blocked the voltage –gated sodium channels of neurons would	
Slow down the depolarization phase of the action potential	
o prevent depolarization after an action potential was triggered	
 prevent action potentials by keeping the cell from depolarizing 	
 prevent action potentials by keeping the cell from depolarizing slow down the repolarization phase of the action potential 	4.00
 prevent action potentials by keeping the cell from depolarizing 	4.00 Bookmark 🗖
 prevent action potentials by keeping the cell from depolarizing slow down the repolarization phase of the action potential 	
 prevent action potentials by keeping the cell from depolarizing slow down the repolarization phase of the action potential Question No.38 	
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Question No.40 4.00 Bookmark Genes between related organism exhibits high variation. The variations would maximally occur in C Polyadenylation site O Intron ○ Exons O Promoters **Question No.41** 4.00 Bookmark Fat cells release fatty acids in response to Iow insulin levels high glucagon levels C low glucagon levels high insulin levels **Question No.42** 4.00 Bookmark 🔽 Which of the following DNA binding domain contains leucine zipper? C Thyroid hormone receptor ○ Lac repressor O CRE O λ Cro **Question No.43** 4.00 Bookmark 🔽 A heterologous protein for its expression in the milk of a transgenic animal should be under the control of the promoter of the gene coding for O B globin O Preproinsulin O B lactoglobulin O Lac Z **Question No.44** 4.00 Bookmark List out the subphyla of chordata C Vertebrate, protochordata C Protochordata, notochordata, cephalochordata O Urochordata, cephalochordate, vertebrate C Vertebrate, notochordata **Question No.45** 4.00 Bookmark 🔽 Which of the following statement is true regarding migration of bio molecules? O The rate of migration is directly proportional to the resistance of the medium C The rate of migration is inversely proportional to the current C Low voltage is used for the separation of high molecular weight compounds C The rate of migration is directly proportional to the current

Question No.46	4.00 Bookmark ⊡
Which technique is most likely to be used by a molecular geneticist?	
C Establishing crosses between genetic variants.	
C Analysis of the amount of genetic variation in a population of individuals	
O Production of a new mutant allele of an interesting gene.	
C Identification of a previously unknown species	
Question No.47	4.00
What component is not involved in mRNA splicing	Bookmark 🖂
C 28S rRNA	
C Consensus sequences at the 5' and 3' ends of the intron	
○ Spliceosome	
C 2'OH group of the ribose sugar at splice site	
Question No.48	4.00
	Bookmark
Classification of porifera on the basis of endoskeleton	
 Oligochaeta Calcarea 	
Demospongia	
© Calcarea	
Demospongia Hexetinellida	
© Demospongia	
Hexetinellida	
Hirudina	
○ Hirudina	
Polychaeta Archiannelida	
Question No.49	4.00 Bookmark
Paul Berg's gene splicing experiment created the first rDNA molecule which was a	
C A T4 phage fragment incorporated into SV40 vector	
C A lambda phage fragment incorporated into pSC 101 vector	
C A lambda phage fragment incorporated into SV40 vector	
C A T4 phage fragment incorporated into pSC 101 vector	
Question No.50	4.00
Early embryo are enclosed with	Bookmark 🖂
© Vitellin membrane	
○ Fertilization membrane	
○ Placenta	
C Plasma membrane	

 Asparagine Asparate Glutamate Glutamine Question No.52 4.00 Winnber of species of Osteichthyes are 10,000 15,000 25,000 20,000 Question No.53 4.00 Excretion organ and glands of mollusc are Coxal gland, renet gland, keber's gland, organ of bajonus Metanephridia, velliger, trocophore, glochidium Question No.54 4.00 Bookmark ≠ Coxal gland, renet gland, trocophore, glochidium Coxal gland, renet gland, trocophore, glochidium Question No.54 4.00 Bookmark ≠ Matanephridia, velliger, trocophore, glochidium Coxal gland, renet gland, trocophore, glochidium Question No.54 4.00 Bookmark ≠ Bookmark ≠ Bookmark ≠ Matanephridia, velliger, trocophore, glochidium Question No.55 4.00 Bookmark ≠ Matanephridia, velliger, trocophore, glochidium Coxal gland, trotophore, glochidium Question No.55 4.00 Bookmark ≠ Matanephridia, velliger, trocophore, glochidium Ca Ga Matanephridia, velliger, trocophore, glochidium Question No.55 4.00 Bookmark ≠ <th>Question No.51</th> <th>4.00 Bookmark 🔽</th>	Question No.51	4.00 Bookmark 🔽
Aspartate Glutamate Glutamine	The N atoms at positions 3 and 9 of purine base are derived from the amide nitrogen of	:
○ Glutamine Cuestion No.52 4.00 Number of species of Osteichthyes are ○ 10,000 ○ 15,000 25,000 ○ 20,000 ○ 20,000 Cuestion No.53 4.00 Bookmark Z Bookmark Z Excretion organ and glands of mollusc are ○ Coxal gland, renel gland, keber's gland, organ of bajonus ○ Metanephridia, velliger, trocophore ○ Coxal gland, renel gland, trocophore, glochidium Cuestion No.54 4.00 Mineral associated with cytochrome is ○ Ca ○ Ca ○ Au ○ Fe Bookmark Z Cuestion No.55 4.00 Bookmark Z Bookmark Z Ineral associated with cytochrome is ○ Ca ○ Ca ○ Mag ○ Cu ○ Fortein chip ○ MALDI – TOF mass spectroscopy ○ Protein chip ○ MALDI – TOF mass spectroscopy ○ Protein chip ○ Matonomics Bookmark □ The form of DNA that closely corresponds to average structure of DNA is ○ C-form ○ Z-form ○ Artorn	○ Asparagine	
○ Glutamine Cuestion No.52 4.00 Number of species of Osteichthyes are ○ 10,000 ○ 15,000 25,000 ○ 20,000 ○ 20,000 Cuestion No.53 4.00 Bookmark Z Bookmark Z Excretion organ and glands of mollusc are ○ Coxal gland, renel gland, keber's gland, organ of bajonus ○ Metanephridia, velliger, trocophore ○ Coxal gland, renel gland, trocophore, glochidium Cuestion No.54 4.00 Mineral associated with cytochrome is ○ Ca ○ Ca ○ Au ○ Fe Bookmark Z Cuestion No.55 4.00 Bookmark Z Bookmark Z Ineral associated with cytochrome is ○ Ca ○ Ca ○ Mag ○ Cu ○ Fortein chip ○ MALDI – TOF mass spectroscopy ○ Protein chip ○ MALDI – TOF mass spectroscopy ○ Protein chip ○ Matonomics Bookmark □ The form of DNA that closely corresponds to average structure of DNA is ○ C-form ○ Z-form ○ Artorn	C Aspartate	
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 Z-form A-form 		
⊂ A-form		

Question No.57	4.00
	Bookmark 🖂
Messenger RNAs were not visible as discrete bands in your RNA gel because	
O The molecular weight of mRNA varies tremendously	
The concentration of RNAs were too high	
O mRNAs are much less stable than rRNAs	
C mRNAs were not extracted	
Question No.58	4.00
	Bookmark
Choose the best synonym of the italicized word. Children of excessively indulgent parents often become very <i>recalcitrant</i> .	
⊂ indolent	
⊂ insolent	
O disobedient	
C dependent	
	4.00
Question No.59	4.00 Bookmark □
Which of the following membrane protein is involved in Hedgehog signaling?	
O Frizzled	
C Integrin	
© RTK	
© Patched	
Question No.60	4.00
	4.00 Bookmark ∏
Where are branchial clefts found in humans? © Branchial clefts located in the anterior region of nostrils, present only during the em	Bookmark 🗖
 Where are branchial clefts found in humans? Branchial clefts located in the anterior region of nostrils, present only during the emstage and disappear later 	Bookmark 🗖
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Question No.63	4.00
Many bimolecules are transported from nucleus to cytoplasm through nuclear pores. Whi	Bookmark
is continuously transported from nucleus to cytoplasm	
C Ribosomes	
C DNA	
C RNA	
C Protein	
Question No.64	4.00
	Bookmark
Endostatin	
C Agonist of VEGF receptor	
C Antagonist of VEGF receptor	
C Inhibits angiogenesis	
Promotes angiogenesis	
Question No.65	4.00
	Bookmark
Which of the following is not the objective to perform sequence comparison?	
O To observe patterns of conservation	
C To study the physical properties of molecules	
C To study evolutionary relationships	
O To find the common motifs present in both sequences	
Question No.66	4.00
	Bookmark
Which of the following types of tissue cannot utilize fats as an energy source?	
C Adipose tissue	
○ Neural tissue	
O Liver	
Question No.67	4.00
Choose the best antonym of the italicized word.	Bookmark 🕅
The deliberate <i>suavity</i> of Olaf's behavior made the emotions of the audience volatile.	
© stupidity	
© impetuosity	
© politeness	
-	
○ pleasantness	
© pleasantness Question No.68	4.00
Question No.68	4.00 Bookmark ⊡
Question No.68 Blood Alcohol Concentration is a measurement of	
Question No.68 Blood Alcohol Concentration is a measurement of C the number of alcohol death in the state	
Question No.68 Blood Alcohol Concentration is a measurement of C the number of alcohol death in the state C the concentration of alcohol in the blood	
Question No.68 Blood Alcohol Concentration is a measurement of C the number of alcohol death in the state	

Question No.69	4.00
The neutring day act of calls that drives the respiratory why there is the	Bookmark 🔽
The particular set of cells that drives the respiratory rhythm is the	
medullary inflammatory neurons	
medullary inspiratory neurons	
O medullary respiratory neurons	
C medullary expiratory neurons	
Question No.70	4.00
Pressor effect functions	Bookmark 🔽
C Involuntary muscles in the walls of the intestine, gall bladder, urinary bladder and blo	od
vessels are stimulated to contract by ADH.	
 Reabsorption of water from the glomerular filtrate is increased 	C (1)
 It promotes contraction of uterine muscle and contraction of the myoepithelial cells or lactating breast. 	t the
○ It stimulates the corpus luteum of the ovary to secrete progesterone hormone	
Question No.71	4.00
	Bookmark
There is no coding sequence (CDS) for the 16S rRNA gene in <i>E. coli</i> because it is rapidly degraded by RNAses	
© found only in eukaryotes	
© not translated	
© not transcribed	
Question No.72	4.00
	Bookmark
(1) (2) (3) (4)	
O 3	
0 2	
0 4	
01	
Question No.73	4.00
Question No.73	Bookmark 🖂
Question No.73 A can finish a work in 18 days and B can do the same work in half the time taken by A. The	Bookmark 🖂
Question No.73 A can finish a work in 18 days and B can do the same work in half the time taken by A. The together, what part of the same work they can finish in a day?	Bookmark 🖂
Question No.73 A can finish a work in 18 days and B can do the same work in half the time taken by A. The together, what part of the same work they can finish in a day? © 0 1/6	Bookmark 🖂
Question No.73 A can finish a work in 18 days and B can do the same work in half the time taken by A. The together, what part of the same work they can finish in a day? © 0 1/6 © 0 1/8	Bookmark 🖂
Question No.73 A can finish a work in 18 days and B can do the same work in half the time taken by A. The together, what part of the same work they can finish in a day? C 0 1/6 C 0 1/8 C 0 1/4	Bookmark 🖂
Question No.73 A can finish a work in 18 days and B can do the same work in half the time taken by A. The together, what part of the same work they can finish in a day? © 0 1/6 © 0 1/8	Bookmark 🖂
Question No.73 A can finish a work in 18 days and B can do the same work in half the time taken by A. The together, what part of the same work they can finish in a day? C 0 1/6 C 0 1/8 C 0 1/4	Bookmark 🖂
Question No.73 A can finish a work in 18 days and B can do the same work in half the time taken by A. The together, what part of the same work they can finish in a day? 0 1/6 0 1/8 0 1/4 0 1/2	Bookmark 🗖
Question No.73 A can finish a work in 18 days and B can do the same work in half the time taken by A. The together, what part of the same work they can finish in a day? 0 1/6 0 1/8 0 1/4 0 1/2 Question No.74 Crop farming and milk production is an example of	Bookmark n, working 4.00
Question No.73 A can finish a work in 18 days and B can do the same work in half the time taken by A. There together, what part of the same work they can finish in a day? © 0 1/6 © 0 1/8 © 0 1/4 © 0 1/2 Question No.74 Crop farming and milk production is an example of © Complementary enterprises	Bookmark n, working 4.00
Question No.73 A can finish a work in 18 days and B can do the same work in half the time taken by A. The together, what part of the same work they can finish in a day? 0 1/6 0 1/8 0 1/4 0 1/2	Bookmark n, working 4.00
Question No.73 A can finish a work in 18 days and B can do the same work in half the time taken by A. There together, what part of the same work they can finish in a day? © 0 1/6 © 0 1/8 © 0 1/4 © 0 1/2 Question No.74 Crop farming and milk production is an example of © Complementary enterprises	Bookmark n, working 4.00

Question No.75 4.00
Bookmark 🕅
In mammalian females, two X chromosomes are present. Expression of genes on both chromosomes
may lead to gene dosage imbalance. This problem is solved by a process called dosage
compensation. Dosage compensation is achieved by
C Elimination of one X chromosome
C Hyperactivation of one X chromosome
 Methylation of one X chromosome
C Hypoactivation of both X chromosome
Question No.76 4.00
Bookmark
Select the Pair that best respresents the relationship that is given in the question:
Explore : Discover
•
© Books : Knowledge
O Think : Relate
O Tree : Wood
© Research : Learn
Question No.77 4.00
Bookmark 🗌
BLAST uses a
Substitution matrix
○ Hashing procedure
○ Ktups
C Scored matrix
Question No.78 4.00
Bookmark
A segment of DNA has 120 adenine and 120 cytosine bases. The total number of nucleotides
present in the segment is
© 240
C 480
C 60
0 120
0 120

Question No.79 4.00 Bookmark 🔽 Basic characters of non-chordata O Notochord - Absent in every stage of life cycle Gill slits – absent in every stage of life cycle Nervous system - ventral, double and solid Body wall- diploblastic Position of alimentary canal - ventral to dorsal O Notochord - Present in any stage of life cycle Gill slits - Present in any stage of life cycle Nervous system - cord dorsal, single and hollow nerve Body wall- triploblastic Position of alimentary canal - ventral to dorsal O Notochord - Absent in every stage of life cycle Gill slits - absent in every stage of life cycle Nervous system - ventral, double and solid Body wall- diploblastic Position of alimentary canal - dorsal to nerve cord O Notochord - Absent in every stage of life cycle Gill slits - present in any stage of life cycle Nervous system - ventral, double and solid Body wall- diploblastic Position of alimentary canal - dorsal to nerve cord **Question No.80** 4.00 Bookmark Eunuchoidism C Excess of oestrogens secreted by tumours of ovaries and adrenal glands. C Early maturation of ovaries and testes with production of ova C Failure of testosterone secretion causes eunuchoidism C Excessive development of male mammary glands **Question No.81** 4.00

A statistical test used to compare 2 or more group means is known as

- C One-way analysis of variance
- t-test for correlation coefficients
- Post hoc test
- Simple regression

Question No.82

Which one of the following is a uricotelic organism

- C Reptiles
- C Aquatic amphibians
- C Mammals
- C Bony fishes

4.00 Bookmark □

Bookmark

Question No.83	4.00 Bookmark □
Species that occur in different geographical regions separated by special barrier are	
© Sympatric	
○ Alepatric	
© Sibling	
Question No.84	4.00 Bookmark ⊡
When does bone start to replace cartilage?	
○ fifth week	
○ fourth month	
○ third month	
O second month	
Question No.85	4.00
Which of the following is most useful in amplifying small stimuli in sensory neurons?	Bookmark 🕅
C Channel proteins	
© Epinephrine	
O G-protein complex	
O Biogenic amines	
Question No.86	4.00
An application of the accounting principles to the business of farming	Bookmark 🖂
© Farm planning	
C Farm accounting	
C Farm budgeting	
© Marketing	
Question No.87	4.00
If a diploid cell is treated with colchicines, then it becomes	Bookmark
© Diploid	
C Tetraploid	
© Monoploid	
C Triploid	
Question No.88	4.00
	Bookmark
Chlorofluorocarbon (CFC) remains in atmosphere for © 10 to 20 years	
© 80 to 90 years	
© 22 to 111 years	
• 30 to 50 years	

Question No.89	4.00
Examples for Arachnida	Bookmark 🔽
C Limulus, Palameneus, Lycosa, Collumbella, Ixodes, Chorioptes	
C Limulus, Glassina, Lepisma, Archaeranea, Ixodes, Cicadas	
C Xenopsella, Palameneus, Lycosa, Collumbella, Photinus, Cicadas	
C Limulus, Palameneus, Lycosa, Archaeranea, Ixodes, Chorioptes	
Question No.90	4.00
	Bookmark
Fluid mosaic model was proposed by © Schleiden and Schwann	
© Singer and Nicolsan	
© Watson and Crick	
© Robert Brown	
Question No.91	(00
	4.00 Bookmark ⊽
Of every 100 secondary oocytes that are exposed to sperm, how many infants are a	
© About 95	
C About 31	
© Around 75	
© Approximately 50	
Question No.92	4.00
	Bookmark 🗖
The first step in colon carcinogenesis involves	
C Loss of functional APC gene	
C Loss of functional c-myc gene	
C Loss of functional ras gene	
⊂ Both a and c	
Question No.93	4.00
	4.00 Bookmark ⊡
Which one of the following genetic diseases is sex-linked?	
Which one of the following genetic diseases is sex-linked? C Hypertension	
Which one of the following genetic diseases is sex-linked? O Hypertension O Cystic fibrosis	
Which one of the following genetic diseases is sex-linked? Hypertension Cystic fibrosis Tay-Sachs disease	
Which one of the following genetic diseases is sex-linked? O Hypertension O Cystic fibrosis	
 Which one of the following genetic diseases is sex-linked? Hypertension Cystic fibrosis Tay-Sachs disease Royal haemophilia 	Bookmark 🗖
Which one of the following genetic diseases is sex-linked? Hypertension Cystic fibrosis Tay-Sachs disease	
 Which one of the following genetic diseases is sex-linked? Hypertension Cystic fibrosis Tay-Sachs disease Royal haemophilia Question No.94	Bookmark 🗖 4.00
 Which one of the following genetic diseases is sex-linked? Hypertension Cystic fibrosis Tay-Sachs disease Royal haemophilia Question No.94	Bookmark 🗖 4.00
 Which one of the following genetic diseases is sex-linked? Hypertension Cystic fibrosis Tay-Sachs disease Royal haemophilia Question No.94 The production of complete animals from somatic cells of an animal is called	Bookmark 🗖 4.00
 Which one of the following genetic diseases is sex-linked? Hypertension Cystic fibrosis Tay-Sachs disease Royal haemophilia Question No.94 The production of complete animals from somatic cells of an animal is called Animal cloning 	Bookmark 🗖 4.00

4.00 Bookmark

Bookmark

4.00

Sodium Antimony Stibogluconate is drug of choice in

C Dengue

Question No.95

- C Japanese encephalitis
- Filiariasis
- C Kala azar

Question No.96

Telomerase is active in

- C E. coli cells
- C All somatic cells (regardless of their location in the body)
- C S. pneumoniae cells
- C Mouse testicular tissue

Question No.97

4.00 Bookmark []

4.00

Statement: Ten Candidates, who were on the waiting list could finally be admitted to the course. **Assumptions:**

I. A large of number of candidates were on the waiting list.

- II. Wait listed candidates do not ordinarily get admission.
 - If only assumption II is implicit
 - $\ensuremath{\mathbb{C}}$ If only assumption I is implicit
 - $\ensuremath{\mathbb{C}}$ If both I and II are implicit
 - If neither I nor II is implicit

Question No.98

When their father died, their elder brother sold the old house and _____ in a small flat in a faroff suburb

- O put them up
- set them down
- set them up
- C put them down

Question No.99	4.00		
	Bookmark		
Study the following information carefully and answer the question below it			
The Director of an MBA college has decided that six guest lectures on the topics of Mot Decision Making, Quality Circle, Assessment Centre, Leadership and Group Discussio organised on each day from Monday to Sunday.			
 (i) One day there will be no lecture (Saturday is not that day), just before that day Group Discussion will be organised. (ii) Motivation should be organised immediately after Assessment Centre. (iii) Quality Circle should be organised on Wednesday and should not be followed by Group Discussion (iv) Decision Making should be organised on Friday and there should be a gap of two days between Leadership and Group Discussion 			
		Which of the following information is not required for the above lecture arrangements?	
		Only (iii)	
		O All are required	
Only (ii)			
Only (i)			
Question No.100	4.00		
	Bookmark 🔽		
The plasmid used by cohen and boyer for their transformation experiment was			
O pSC 101			
O PUC 17			
O pBR 322			

C E. coli plasmid