MHT-CET 2021 Question Paper

25th September 2021

- Sometimes a pregnant woman is injected with 1. hormone to hasten parturition.
 - (A) FSH **(B)** thyroxine
 - oxytocin (D) glucagon (C)
- 2. In brood parasitism _____.
 - the eggs after being laid in hosts nest are (A) incubated by parent bird.
 - the eggs of host bird are destroyed. (B)
 - the parasites egg hatch after the hosts egg. (C)
 - the eggs of one bird are laid in another (D) birds nest who incubates them.
- 3. The patent titled "Control of plant gene expression" is based on a gene producing toxic protein that .
 - (A) causes allergic reactions.
 - does not allow seeds to germinate. (B)
 - has adverse effect on Monarch butterfly (C) population.
 - develops resistance to herbicide. (D)
- 4. Which one of the following is the substrate for the activity of restriction endonuclease enzyme?
 - Double stranded DNA at VNTR's only. (A)
 - RNA primers used in PCR for gene (B) amplification.
 - Single stranded DNA separated by (C) denaturation.
 - Specific recognition sites of double (D) stranded DNA
- 5. The remnant of the embryonic aperture on the inter-auricular septum is called .
 - foramen ovalis (A)
 - **(B)** foramen of Monroe
 - (C) foramen of Luschka
 - (D) foramen of Magendie
- Abscisic acid causes efflux of ions 6. from guard cells and brings about closure of stomata.

(A)	Na	(B)	\mathbf{K}^{+}
(C)	Mg^{++}	(D)	H^+

- A large increase in blood volume and pressure 7. stimulates atrial wall to produce
 - (A) ANP ACTH **(B)** (C) RAAS (D) ADH

- All living beings have equal right to survive 8. irrespective of their known or prospective economic use. "This is reason for conservation of biodiversity.
 - constitutional (B) broad utilitarian (A)
 - narrowly utilitarian (D) ethical (C)
- 9. If a person has blood group 'A', then antigen A will be present,
 - in stroma of RBC (A)
 - on plasma membrane of RBC (B)
 - on plasma membrane of WBC (C)
 - in plasma of blood (D)
- 10. Which plant hormone increases rate of respiration?
 - (A) Auxins **(B)** Ethylene
 - (C) Gibberellins (D) Cytokinins
- In angiosperms, the embryo sac is 11.
 - (A) uninucleate (B) binucleate
 - multinucleate (C) (D) enucleate
- 12. Which one of the following sets contain enzymes coded by structural gene of lac operon of E.coli?
 - (A) β galactosidase, phophoglucose isomerase and transacetylase
 - β galactosidase, β galactoside (B) permease and glycogen synthetase.
 - β galactosidase, β galactoside (C) permease and transacetylase
 - β galactosidase, β -(D) galactoside permease and helicase.
- 13. During biogas formation which one of the following process is NOT involved in anaerobic digestion of slurry?
 - Methanogenesis (B) Acidogenesis (A)
 - (C) Photolysis (D) Hydrolysis
- 14 The specific site where the DNA is cut by REN's is called site. (A) recognition (B) initiation
 - 'ori' (D) termination (C)
- 15. Which one of the following is an arboreal ape? (A) Gorilla (B) Gibbon
 - Orangutan Chimpanzee (D) (C)
- 16. Which one of the following cranial nerves does NOT innervate eye muscles? (A)
 - Pathetic Abducens (B)
 - (C) Hypoglossal (D) Occulomotor



MHT-CI	ET Triumph Biology (MCQs)		
n) re (A (I) (0)	 Which one of the following is unlike other uclei in the embryo sac of angiosperms egarding ploidy? A) Male gamete nucleus B) Egg nucleus C) Secondary nucleus D) Antipodal nucleus 	25.	Select th primary (A) F (B) R (C) S
ai st re (A	ollowing are sex ratios obtained from a given rea. Which one will show evolutionary stable trategy between males and females espectively? A) 1000 : 1000 (B) 1015 : 1000 C) 1000 : 1015 (D) 1000 : 800	26.	(C) S
di gi (A	Number of NADH + H^+ molecules formeduring acetylation from end product oflycolysis in aerobic respiration isA) 2(B) 3C) 6(D) 8	27.	 (B) back (C) water (D) State (D) Rate of
р (А (І	 II ventricle of human brain is connected osteriorly to IV ventricle through A) foramen of Magendie B) duct of Bellini C) foramen of Monro 	28.	times per (A) 44 (C) 10 Seconda (A) no
21. T te (A	 D) duct of Sylvius The substance upon which an enzyme acts is ermed as A) prosthetic group (B) exoenzyme C) endoenzyme (D) substrate 	29.	 (A) III (B) ref (C) III (D) base T-wave
M S C <u>v</u>	Given below are two statements with respect to Menstrual cycle. tatement I: Menstrual phase in menstrual ycle occurs when an ovulated egg does not		 (A) at (B) v (C) at (D) v
m S 'f C OJ (#	 ertilize and thus shed out along with the henstruum. tatement II: Menstrual phase is called, funeral of unfertilized egg'. Choose the most appropriate answer from the ptions given below. A) Both Statement-I and Statement-II are correct B) Statement-I is correct but Statement-II is incorrect. 	30.	Choose respect (A) A (B) A (C) T (C) T (D) T
,	C) Both Statement-I and Statement-II are incorrect.D) Statement-I is incorrect but Statement-II is correct.	31.	To prov molecul (A) pl (C) or
en (A	The heterochromatin part of chromosome is times more rich in DNA than uchromatin. A) $2-3$ (B) $9-12$ C) $5-8$ (D) $4-6$	32.	In whic floats or (A) P (C) W
24. W th (A	 Vhich of the following does NOT contribute to the formation of thoracic cage? A) Diaphragm (B) Sternum C) Pleura (D) Ribs 	33.	The cy symbiot (A) L (C) C

the correct sequence of stage occurring in y hydrarch succession.

- Free floating plants \rightarrow submerged plants \rightarrow trees \rightarrow reed swamp stage
- Reed swamp stage \rightarrow trees \rightarrow submerged plants \rightarrow free floating plants
- Submerged plants \rightarrow free floating plants \rightarrow reed swamp stage \rightarrow trees
- Submerged plants \rightarrow reed swamp stage \rightarrow free floating plants \rightarrow trees
- c acid was first discovered from
 - ed blood cells
 - oacteriophages
 - white blood cells
 - Streptococcus pneumoniae
- f breathing in new born is about er minute.
 - 44 (B) 12
 - 6 (D) 20
- ary succession takes place in / on
 - newly formed volcanic island.
 - ecently burnt or destroyed forest.
 - newly created pond.
 - oare rocky area
- e in normal ECG represents .
 - atrial depolarization.
 - ventricular depolarization.
 - atrial repolarization
 - ventricular repolarization
- e the INCORRECT statement with to T.S. of Artery.
 - Arterial lumen is devoid of valves.
 - Angular margin around the lumen shows essellations
 - The outermost tunic externa is thick and ough layer of collagen fibers.
 - Funica media is thin and lumen is wide.
- vide energy for a metabolic process, ATP ile undergoes
 - (B) hydrolysis ohosphorylation
 - oxidation dehydrogenation (D)
- ch of the following plants male flower on the surface of water?
 - Potamogeton (B) Zostera
 - Water lily (D) Vallisneria
- yanobacteria Tolypothrix is associated tically with
 - **(B)** Lichen Azolla Cycas (D) Endomycorrhiza

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MHT- CET 25th Sept. 2021 QUESTION PAPER

34. Match the terms is Column-I with their explanation in Column-II.

	Column I		Column II
A.	Polycythemia	I.	Decrease in
			number of WBCs
B.	Erythrocytopenia	II.	Increase in
			number of RBCs
C.	Leukemia	III.	Decrease in
			number of RBCs
D.	Leucopenia	IV.	Uncontrolled
	-		increase in
			number of WBCs
(A)	A – II B – III	C-	IV D-I

(A)	A – II	D - III	C-1 V	D - I
(B)	A - I	$\mathrm{B}-\mathrm{II}$	C – III	D - IV
(C)	A – IV	B - II	C – I	D – III
(D)	A - III	B - IV	C – II	D – I

35. Match the following enzymes in Column-I with their source in Column-II.

	Column I		Column II
A.	Pectinase	I.	Saccharomyces cerevisiae
B.	Lipase	II.	Aspergillus niger
C.	Invertase	III.	Trichoderma konigii
D.	Cellulase	IV.	Candida lipolytica
(A)	A – II	B – I	C-IV D – III
· · ·		B – II	
		B - IV	C – I D – III
(D)		B - II	I C – II D – I
diag unf Idei	en below gram of ertilized ntify 'X' and pectively.	an egg.	Y CONTRACTOR
(A) (B) (C) (D)	zona pellu perivitelli	ucida a ne spa	rane and zona pellucida and vitelline membrane ace and corona radiata and zona pellucida
Vas	a recta refer	s to	
, un	1 1		
(A)			capillary network around juxtamedullary nephrons.
	Henle's lo	oop of	juxtamedullary nephrons.
(A)	Henle's lo juxtaglor	oop of herula	juxtamedullary nephrons.
(A) (B)	Henle's lo juxtaglom neuronal	bop of nerular circuit	juxtamedullary nephrons. apparatus of nephrons.
(A) (B) (C) (D) Wh	Henle's lo juxtaglom neuronal vascular p ich one of t	oop of nerular circuit	juxtamedullary nephrons. apparatus of nephrons. of hypothalamus,
 (A) (B) (C) (D) Wh 	Henle's lo juxtaglom neuronal o vascular p ich one of t k sugar?	oop of nerular circuit	juxtamedullary nephrons. apparatus of nephrons. of hypothalamus, n of pia mater of CNS.

36.

37.

38.

- 39. Select the INCORRECT statement regarding transport of respiratory gases.
 - (A) ppO₂ of capillary blood is 40 mm Hg before oxygenation.
 - (B) Alveolar membrane is equally permeable to oxygen and carbon dioxide.
 - (C) Dissocation of oxyhaemoglobin into haemoglobin and oxygen is favored by low ppCO₂.
 - (D) $ppCO_2$ of alveolar air is 45 mm Hg.
- 40. In angiosperms, the embryo is developed at of the embryo sac.
 - (A) antipodal side (B) micropylar end
 - (C) chalazal end (D) centre
- 41. Which one of the following is the decarboxylated compound formed during TCA cycle?(A) Citrate (B) α-ketoglutarate
 - (C) Isocitrate (D) Cis-aconitate
- 42. Which of the following is NOT a character of open circulation?
 - (A) Blood flows with low pressure.
 - (B) Respiratory pigment is usually absent.
 - (C) Presence of blood capillaries.
 - (D) Presence of haemocoel.
- 43. Match the following types of adaptations given in Column-I and their examples given in Column-Ii. Choose the correct answer from the options given below.

	Column-I		Column-II
A.	Morphological	I.	CAM plants
B.	Physiological	II.	Migration of birds
C.	Behavioural	III.	Leaves reduced to
			spines in opuntia

- $(A) \quad A-II, B-I, C-III$
- $(B) \quad A-I, B-II, C-III$
- $(C) \quad A-III, B-I, C-II$
- $(D) \quad A-I, B-III, C-II \\$
- 44. Identify the correct statement/s regarding unsaturated fatty acids.
 - A. They have one or more double between the carbon atoms of hydrocarbon chains.
 - B. Are generally solid at room temperature.
 - C. Are generally liquid at room temperature.
 - D. They do not have any double bonds between the carbon atoms of hydrocarbon chains.
 - (A) Only A (B) Both A and C
 - (C) Both A and B (D) A, B and C
- 45. The smallest WBC is _____
 - (A) basophil. (B) monocyte.
 - (C) lymphocyte. (D) neutrophil.

MHT-CET Triumph Biology (MCQs)



- Lac-operon is an example of which one of the 46. following types of regulation of gene expression? Transcriptional level (A)
 - Translational level (B)
 - Regulation of splicing/ processing level (C)
 - (D) Transport of mRNA from nucleus to cytoplasm
- 47. The Human Genome Project formally began in A and was completed in B.
 - (A) A 1993 B - 2000
 - (B) A 1995 B - 2005
 - (C) A 1990 B - 2003
 - (D) A 1980 B - 2001
- 48. During translation in protein synthesis, and codon bind by formation of bond.
 - glycosidic (A) peptide **(B)**
 - (D) phosphodiester (C) hydrogen
- 49. Epstein-barr virus and Human papilloma virus cause
 - dermatophytosis (B) nasopharyngitis (A)
 - (C) pneumonia (D) cancer
- 50. Species diversity is bountiful in the tropics near equator because of the following factors EXCEPT
 - higher annual rainfall. (A)
 - warmer temperature. (B)
 - (C) intense sunlight.
 - drastic seasonal climatic changes. (D)
- 51. Symptoms such as intermittent pain below ribcage in the back and sideways, hazy, pinkish urine along with pain during micturition generally indicate
 - (A) uremia kidney stones (B)
 - nephritis (C) diabetes mellitus (D)
- How many copies of DNA will be produced in 52. the thermal cycler of PCR after 5 cycles?
 - (A) 64 **(B)** 16 128 (D) 32 (C)
- 53. Which one of the following is NOT a cause of diarrhea?
 - (A) Colitis
 - (B) Ulcer
 - (C) Inflammation of intestine
 - Inadequate enzyme secretion (D)
- Given below are two statements regarding 54. evolution.

Statement-I: Selection against harmful mutation leads to a mutation balance.

Statement-II: In mutation balance, the allele frequency of harmful recessives keep on changing generation after generation.

In the light of above statements, choose the most appropriate answer from the options given below:

- (A) Statement-I is correct but Statement-II is incorrect
- (B) Both Statement-I and Statement-II are correct.
- (C) Both Statement-I and Statement-II are incorrect
- (D) Statement-I is incorrect but Statement-II is correct
- 55. Which one of the following is a hormone releasing IUD?
 - LNG 20 (A) (B) CuT (C) Cu7 (D) Multiload 375
- With reference to the Mendelian experiments, 56. which one of the following statements is **INCORRECT?**
 - A factor has only one allele. (A)
 - Recessive allele is not expressed in the (B) presence of an alternative allele.
 - The alleles accupy identical loci on (C) homologous chromosomes.
 - (D) Allele is an alternative form of a given gene.

57. Based on the statements regarding dialysis choose the correct answer from options given below.

> Statement-I: Dialysis is regarded as a 'holding measure' until a renal transplant is performed.

> Statement-II: Sometimes dialysis is not supportive measure in those for whom a transplant is inappropriate.

- (A) Statement-I is incorrect but Statement-II is correct
- Both Statement-I and Statement-II are (B) correct.
- (C) Both Statement-I and Statement-II are incorrect.
- Statement-I is correct but Statement-II is (D) incorrect.
- 58. Select the mismatch pair with respect to hormones.
 - (A) Milk ejecting hormone - Oxytocin
 - Sleep inducing hormone Melatonin (B)
 - (C) Salt retaining hormone – Thyroxine
 - Emergency hormone Adrenaline (D)
- 59. During sewage treatment the activated sludge is present in
 - (A) settling tank.
 - aeration tank. (B)
 - sedimentation tank. (C)
 - (D) grit chamber.

(C)

- 60. In Zea mays, color and shape of grain show linkage. (A)
 - complete (B) complete sex incomplete
 - incomplete sex (D)

		MHT- CET 25 th Sept. 2021 QUESTION PAPER
Flame cell are also called <u>A</u> and they are found in animals like <u>B</u> .		 (A) A, B and C only (B) D and E only (C) A and B only (D) B and C only
 (A) A - Salt excreting glands, B - marine birds (B) A - Protonephridia, B - rotifers (C) A - metanephridia, B - Echinoderms (D) A - nephrons, B - Crustaceans 	69.	Given below are two statements. Statement-I: In root hair outer layer of cell wall is composed of pectin. Statement-II: In root hair inner layer of cell
PolyembryonywasfirstobservedbyLeeuwenhoek in the seeds of(A)Citrus(B)Mango(C)Orchid(D)Papaya		wall is composed of cellulose.Choose the correct answer from the options given below with reference to structure of root hair.(A) Statement-I is correct but Statement-II is
 Symptoms of malaria do NOT include (A) sweating and shivering (B) arthralgia (C) conjunctivitis (D) fever with chills 		 incorrect. (B) Statement-I is incorrect but Statement-II is correct (C) Both Statement-I and Statement-II are
India shares about% of total biodiversity wealth on earth.		correct.(D) Both Statement-I and Statement-II are incorrect.
(A) 2.4 (B) 12 (C) 8.1 (D) 15 Given below are two statements with respect to	70.	Which one of the following hormone is produced by β -cells of is islets of Langerhans of pancreas?
counter current mechanism. Statement-I: Tissue fluid around descending limb of Henle's loop becomes concentrated, during		(A)Oxytocin(B)Insulin(C)Glucagon(D)Vasopressin
counter current mechanism. Statement-II: Water moves out from descending limb of Henle's loop into tissue fluid by osmosis. In the light of above statements select the correct	71.	Anaerobic process after glycolysis, during lacticacid formation is called(A) Fermentation(B) Citric acid cycle(C) HSK pathway(D) Calvin cycle
 option from codes given below: (A) Both Statement-I and Statement-II are incorrect. (B) Both Statement-I and Statement-II are correct. 	72.	Given below are two statements. Statement-I: Enzyme pyruvate dehydrogenase is present in mitochondria of eukaryotes. Statement-II: Enzyme pyruvate dehydrogenase is present in cytoplasm of prokaryotes.
 (C) Statement-I is incorrect but Statement-II is correct. (D) Statement-I is correct but Statement-II is incorrect. 		In the light of the above statements choose the correct answer from the options given below.(A) Both Statement-I and Statement-II are incorrect.
Generally the pigment bilirubin formed by breakdown of haemoglobin is excreted through		 (B) Statement-I is incorrect but Statement-II is correct. (C) Both Statement-I and Statement-II are
(A) faeces.(B) sebum.(C) sweat.(D) urine.		correct.(D) Statement-I is correct but Statement-II is incorrect.
Following accessory ducts in human males are in pairs, EXCEPT (A) epididymis (B) ejaculatory duct	73.	Fishes have for respiration(A) external gills(B) internal gills(C) book gills(D) book lungs
(C) vas deferens(D) urethraHow many of the following statements are true about angiosperms?A. The generative cell floats in the cytoplasm of vegetative cell.	74. 75.	In neural system, chemical synapse shows synaptic gap of about (A) 400 nm to 60 nm (B) 80 nm to 100 nm (C) 20 nm to 40 nm (D) 60 nm to 80 nm Following are infection sites for syphilis,
 B. The stalk of ovule is called funiculus. C. Pollen grains are shed at two celled stage. D. Embryo sac is diploid. E. Megaspore mother cell towards chalazal end becomes functional. 		 EXCEPT (A) conjunctiva of eye. (B) oral mucous membrane. (C) mucous membrane in genital region. (D) mucous membrane in rectum.

63. Symptoms of malaria do NC sweating and shivering (A)

61.

62.

- conjunctivitis (C)
- (D) fever with chills

- 64. India shares about biodiversity wealth on earth. (A) 2.4 (B) 12 (C
- 65. Given below are two statem counter current mechanism.

- Both Statement-I an (A) incorrect.
- (B) Both Statement-I an correct.
- (C) Statement-I is incorrect correct.
- (D) Statement-I is correct incorrect.
- 66. Generally the pigment bi breakdown of haemoglobin

(A)	faeces.	(B)	sebum.
(C)	sweat.	(D)	urine.

- 67. Following accessory ducts in pairs, EXCEPT
 - (A) epididymis (B
 - vas deferens (C) (D
- 68. How many of the following about angiosperms?
 - A. The generative ce cytoplasm of vegetativ
 - B. The stalk of ovule is c
 - Pollen grains are shed C.
 - D. Embryo sac is diploid
 - E. Megaspore mother co end becomes function

MHT-CET Triumph Biology (MCQs)

- 76. Following are the functions of cerebrospinal fluid EXCEPT
 - (A) Acts as shock absorber.
 - (B) Maintenance of constant pressure.
 - (C) Helps in binding the neurotransmitter to receptor.
 - (D) Exchange of nutrients and waste.
- 77. Formation of oogonia in human females is completed in _____.
 - (A) embryonic stage.
 - (B) puberty.
 - (C) at the time of birth.
 - (D) proliferative phase of menstruation
- 78. Match different cells of Islets of Langerhans in Column-I with their role in Column-II. Select the correct answer from the options given below.

	Column-I		Column-II		
A.	Alpha cells	I.	Stimulates muscles for		
			glycogenesis.		
B.	Beta cells	II.	Decreases gastric		
			secretions and		
			absorption in digestive		
			tract.		
C.	Delta cells	III.	Inhibits the release of		
			pancreatic juice.		
D.	F cells	IV.	Stimulates liver for		
			glucogenolysis.		

- (A) A III, B II, C IV, D I
- $(B) \quad A-I, B-IV, C-III, D-II$
- $(C) \quad A-II, B-III, C-I, D-IV$
- $(D) \quad A-IV,\,B-I,\,C-II,\,D-III$
- 79. How many phenotypes can be obtained if a pea plant (RrTt) is crossed with another pea plant with the same genotype?

(A) 4 (B) 9 (C) 12 (D) 16

- 80. The _____ is regarded as an inborn metabolic disorder.
 - (A) sickle cell anemia (B) Thalassemia
 - (C) Window's peak (D) phenylketonuria
- 81. Which one of the following restriction enzyme has recognition sequence of 4 nucleotides and makes blunt end in the DNA?
 - (A) Hind II(B) Bam H I(C) Alu I(D) Eco RI
- 82. Complete the following about the absence of clotting factors. Haemophilia A: <u>x</u>: : Haemophilia B: <u>y</u>.

(A) $\dot{x} - IX$ y - VIII

- (B) x X y IX
- (C) x VIII y IX
- (D) x IX y X

- 83. Which one of the following gland is NOT present in human females?
 - (A) Bartholin's glands
 - (B) Endometrial glands
 - (C) Bulbourethral glads
 - (D) Mammary glands
- 84. Which one of the following statements is INCORRECT about angiospermic seed/fruit?
 - (A) The micropyle of the ovule persists in the seed.
 - (B) Coconut is a non-endospermic seed.
 - (C) Coconut is a fleshy fruit.
 - (D) Fruit development is triggered by hormones produced by developing seeds.
- 85. 'Bt' cotton contains the gene of a _____
 - (A) bacterium. (B) nematode.
 - (C) protozoan. (D) virus.
- 86. Which one of the following is NOT a psychological disorder?
 - (A) Anxiety disorder
 - (B) Autism spectrum disorder
 - (C) Bipolar disorder
 - (D) Pulmonary disorder
- 87. Which one of the following is NOT correct regarding vaccines?
 - (A) It is used to control diseases like measles, polio etc.
 - (B) It is antigenic protection against particular pathogen.
 - (C) It teaches immune system to recognize and eliminate the pathogenic organism.
 - (D) It is introduction of antibodies into animal body.
- 88. Which one of the following is NOT a derivative of cholesterol?
 - (A) Vitamin D (B) Progesterone
 - (C) Testosterone (D) Diosgenin
- 89. Which one of the following is a chromosomal disorder?
 - (A) Sickle cell anaemia
 - (B) Phenylketonuria
 - (C) Colorblindness
 - (D) Turner's syndrome
- 90. Heterostyly is a contrivance for _____.
 - (A) geitonogamy only
 - (B) autogamy only
 - (C) xenogamy only
 - (D) geitonogamy and xenogamy
- 91. A heterozygous tall pea plant was crossed with a dwarf pea plant. The progeny of cross shows

	· · ·		
(A)	1 Tall : 1 dwarf	(B)	3 Tall : 1 dwarf
(C)	1 Tall : 3 dwarf	(D)	4 Tall : 2 dwarf

92. In the genome of mouse, the estimated number of genes is

(A)	33,000	(B)	19,000
(C)	13,000	(D)	25,000

- 93. What is ubiquinol?
 - (A) Oxidized ubiquinone
 - (B) Co enzyme Q
 - (C) Ubiquinone
 - (D) Reduced ubiquinone
- 94. In which zone / region root hairs occur?
 - (A) Zone of elongation
 - (B) Zone of maturation
 - (C) Meristematic region
 - (D) Zone of absorption
- 95. In the ecological hierarchy the basic unit is
 - (A) biome.
 - (B) community.
 - (C) individual organism.
 - (D) population.
- 96. The fossil of which one of the following has been found in Ethiopia as well as Tanzania?
 - (A) Homo erectus
 - (B) Australopithecus
 - (C) Ramapithecus
 - (D) Drypithecus
- 97. At the end of replication, the contribution of nucleotides from mother DNA is _____ percent.
 - (A) 75 (B) 25 (C) 100 (D) 50
- 98. With respect to derivatives of germinal layers in human beings, complete the analogy.
 Ectoderm : Sweat glands : : Endoderm : . .
 - (A) Mammary glands (B) Salivary glands
 - (C) Thyroid glands (D) Pineal glands
- 99. In Platyhelminthes and rotifers the excretory organs are
 - (A) flame cells.
 - (B) green glands.
 - (C) nephridia.
 - (D) Malpighian tubules.
- 100. The spiral configuration of α -helix and β -helix of polypeptide chains are held together by _____ bonds to form secondary structure of protein.
 - (A) phosphodiester (B) hydrogen
 - (C) peptide (D) disulphide