EXAMINATION QUESTIONS CBSE-PMT-2005 (BIOLOGY)

Q.1	Which of the following is the simplest amino acid(1) Alanine(2) Asparagine	1 – (3) Glycine	[CBSE PMT-05] (4) Tyrosine
Q.2	During which stage in the complete oxidation of formed from ADP – (1) Glycolysis (3) Electron transport chain	glucose are the greatest n (2) Kreb's cycle (4) Conversion of puyruri	umber of ATP molecules [CBSE PMT-05] ic acid to acetyl Co A
Q.3	Ectophloic siphonostele is found in – (1) Osmunda and Equisetum (3) Marsilea and Bortychium	(2) Adaintum and Cucurb (4) Dicksonia and Maider	[CBSE PMT-05] itaceae hair fern
Q.4	G–6–P dehydrogenase deficiency is associated (1) Leucocytes (2) Lymphocytes	with haemolysis of – (3) Platelets	[CBSE PMT-05] (4) RBCs
Q.5	 Which of the following statements regarding enz (1) Competitive inhibition is seen when a substrate protein (2) Non–Competitive inhibitors often bind to the e (3) Competitive inhibition is seen when a substrate (4) Non–Competitive inhibition of an enzyme can 	tyme inhibition is correct – e competes with an enzyme enzyme irreversibly ate competes for the active be overcome by adding lar	[CBSE PMT-05] e for binding to an inhibitor site on the enzyme rge amount of substrate
Q.6	In contrast to Annelids the Platyhelminths show (1) Absence of body cavity (3) Radial symmetry	 (2) Presence of pseudoco (4) Bilateral symmetry 	[CBSE PMT-05] Del
Q.7	Which of the following represent the edible part of(1) Endocarp(2) Pericarp	of the fruit of Litchi – (3) Juicy aril	[CBSE PMT-05] (4) Mesocarp
Q.8	Which one of the following pairs is mismatched - (1) Nuclear power – radioactive wastes (3) Fossil fuel burning –release of CO ₂	- (2) Solar energy – greenh (4) Biomass burning – rel	[CBSE PMT-05] nouse effect lease of CO ₂
Q.9	Enzymes, vitamins and hormones can be class because all of these – (1) Are exclusively synthesized in the body of a l (2) Enhance oxidative metabolism (3) Are conjugated proteins (4) Help in regulating metabolism	ified into a single category iving organism as at prese	/ of biological chemicals, [CBSE PMT-05] nt
Q.10	<i>E.coli</i> cells with a mutated z gene of the <i>lac</i> operative source of energy because – (1) They cannot synthesize functional betagalact (2) They cannot transport lactose from the media (3) The lac operon is constitutively active in thes (4) In the presence of glucose, <i>E.coli</i> cells do no	on cannot grow in medium o cosidase um into the cells e cells of utilize lactose	containing only lactose as [CBSE PMT-05]
Q.11	The deficiencies of micronutrients, not only affe photosynthetic and mitochondrial electron flow. elements shall affect most, both photosynthetic and (1) Ca, K, Na (2) Co, Ni, Mo	cts growth of plants but als Among the list given belond mitochondrial electron tr (3) Mn, Co, Ca	so vital functions such as ow, which group of three ansport– [CBSE PMT-05] (4) Cu, Mn, Fe

Q.12	Through which cell of the emb (1) Presistant synergid (2) E	oryo sac, does the po gg cell	ollen tube enter the embr (3) Central cell	yo sac– [((4) Dege	CBSE PMT-05] enerated synergid
Q.13	An acromian process is chara (1) Skull of frog (3) Pelvic girdle of mammals	acteristically found ir	n the – (2) Sperm of mammals (4) Pectoral girdle of ma	mmals	[CBSE PMT-05]
Q.14	Golden rice is a transgenic cro (1) High protein content (3) High lysine (essential amin	op of the future with t no acid) content	the following improved tr (2) High vitamin– A cont (4) Insect resistance	ait – ent	[CBSE PMT-05]
Q.15	In a type of apomixis known a	s a adventive embry	ony, embryos develop di	irectly fro	m the – ICBSE PMT-051
	(1) Synergids or antipodals in(3) Zygote	an embryo sac	(2) Nucellus integuments(4) Accessory embryo s	s acs in the	e ovule
Q.16	 All of the following statements correct EXCEPT that <i>Frankia</i> (1) Forms specialized vesicles involving triterpene hopand (2) Can induce root nodules of (3) Like <i>Rhizobium</i>, it usually proliferation in the host's of (4) Cannot fix nitrogen in the formation in the for	s concerning the Actin 	nomycetous filamentous nase is protected from ox es t through root hair deforr	soil bacte sygen by a mation ar	erium <i>Frankia</i> are [CBSE PMT-05] a chemical barrier nd stimulates cell
Q.17	In ornithine cycle, which of the (1) CO_2 and ammonia (2) A	e following wastes ar Immonia and urea	re removed from the bloc (3) CO ₂ and urea	od– (4) Urea	[CBSE PMT-05] and urine
Q.18	At a particular locus frequence heterozygotes in a random ma (1) 0.24 (2) 0	y of 'A' allele is 0.6 an atting population at e .16	nd that of 'a' is 0.4. What equilibrium– (3) 0.48	would be (4) 0.36	the frequency of [CBSE PMT-05]
Q.19	Four healthy people in their to cells of the following. Which of (1) Osteocytes (3) Neurons	wenties got involved f the cells are least li	l in injuries resulting in da ikely to be replaced by ne (2) Liver cells (4) Malpighian layer of tl	amage aı ew cells - he skin	nd death of a few -[CBSE PMT-05]
Q.20	Which one of the following ma (1) DNA dependant RNA poly (3) Reverse transcriptase	akes use of RNA as a merase	a template to synthesize (2) DNA polymerase (4) RNA polymerase	DNA- [C	BSE PMT-05]
Q.21	A student wishes to study the objective. He should illuminate best possible resolution – (1) Red (2) G	cell structure under a e the object by which Green	a light in mircoscope havi o one of the following colo (3) Yellow	ng 10 X e ours of ligl (4) Blue	eyepiece and 45X nt so as to get the [CBSE PMT-05]
Q.22	As compared to a C ₃ -plant, I the one molecule of hexose s (1) Zero (2) S	now many additional sugar by C ₄ – plants · Six	molecules of ATP are ne _ (3) Two	eded for (4) Twelv	net production of [CBSE PMT-05] /e
Q.23	Bacillus thuringiensis (Bt) stra (1) Bioinsecticidal plants (3) Biofertilizers	iins have been used	for designing novel – (2) Bio–mineralization p (4) Bio–metallurgical tec	rocesses chniques	[CBSE PMT-05]
Q.24	Secretin and cholecystokinin (1) Oesophagus (2) Il	are digestive hormo eum	nes. They are secreted i (3) Duodenum	n – (4) Pylo	[CBSE PMT-05] ric stomach

Q.25	Grey crescent is the area – (1) At the point of entry of sperm into ovum (2) Just opposite to the site of entry to sperm into (3) At the animal pole (4) At the vegetal pole	o ovum		[CBSE PMT-05]
Q.26 (A) (B) (C) (D) (E)	Match items in column I with those in column II - Column I Peritrichous flagellation Living fossil Rhizophore Smallest flowering plant Largest perennial alga	(J) (K) (L) (M) (N)	Column II Ginkgo Macrocystes Escherichia coli Selaginella Wolffia	[CBSE PMT-05]
Se (1) (3)	lect the correct answer from the following – A – L ; B – J ; C – M ; D – N ; E – K A – J ; B – K ; C – N ; D – L ; E – K	(2) A – (4) A –	K ; B – J ; C – L ; [N ; B – L ; C – K ;	D – M ; E – N D – N ; E – J
Q.27	Using imprints from a plate with complete media streptomycin resistant mutants and prove that su imprints need to be used – (1) On plates with and without streptomycin (3) On plates with minimal medium	um and o ch mutat (2) Only (4) Only	carrying bacterial c ions do not originat y on plates with stre y on plates without :	olonies, you can select e as adaptation . These [CBSE PMT-05] eptomycin streptomycin
Q.28	Chemiosmotic theory of ATP synthesis in the chlored	oroplasts	s and mitochondria	is based on
	(1) Membrane potential(3) Proton gradient	(2) Acc (4) Acc	umulation of K ions umulations of Na io	ns
Q.29	Which one of the following experiments suggests the spontaneously from non-living matter - (1) Larvae could appear in decaying organic matter (2) Meat was not spoiled, when heated and kept so (3) Microbes did not appear in stored meat (4) Microbes appeared from unsterilized organic r	at simple er sealed ir matter	est living organisms o n vessel	could not have originated [CBSE PMT-05]
Q.30	Which of the following is not used for disinfection(1) Chlorine(2) Phenyl	of drinki (3) Chlo	ng water– pramine (4	[CBSE PMT-05]) Ozone
Q.31	Which one of the following characters is not typic (1) Alveolar lungs (3) Seven cervical vertebrae	cal of the (2) Ten (4) The	e class Mammalia – pairs of cranial nerv codont dentition	[CBSE PMT-05] res
Q.32	Identify the correctly matched pair– (1) Kyoto Protocol – Climatic change (2) Montreal Protocol – Global warming (3) Basal Convention – Biodiversity Conservation (4) Ramsar Convention – Ground water pollution			[CBSE PMT-05]
Q.33	Auxospores and homocysts are formed, respecti (1) Some cyanobacteria and many diatoms (3) Several cyanobacteria and several diatoms	vely, by - (2) Sev (4) Son	- eral diatoms and a f ne diatoms and seve	[CBSE PMT-05] few cyanobacteria eral cyanobacteria

Q.34	 Which one of the following phenomena supports Darwin's concept of natural selection in orgevolution – [CBSE PM] (1) Production of 'Dolly', the sheep by cloning (2) Development of organs from 'stem cell's for organ transplantation (3) Development of transgenic animals (4) Prevalence of pesticide resistant insects 				
Q.35	The name of Norman Bo (1) Green Revolution (3) Yellow Revolution	orlaug is associated with	– (2) White Revolution (4) Blue Revolution	[CBSE PMT-05]	
Q.36	Nucleotides are building	blocks of nucleic acids. E	Each nucleotide is a comp	osite molecule formed by– [CBSE PMT-05]	
	(1) Base – sugar – OH (3) Sugar – phosphate		(2) Base – sugar – phos (4) (Base – sugar – phos	phate sphate) _n	
Q.37	Which of the following is (1) Gamma rays (from c (3) X–rays	generally used for induc obalt 60)	ed mutagenesis in crop p (2) Alpha particles (4) UV (260 nm)	olants – [CBSE PMT-05]	
Q.38	One of the most importa (1) The allow ex–situ con (2) They provide the natu (3) One can observe trop (4) They provide a beaut	ant functions of botanical nservation of germ plasm ural habitat for wild life pical plants there iful area for recreation	gardens is that –	[CBSE PMT-05]	
Q.39	The net pressure gradie	ent that causes the fluid to	o filter out of the glomerul	i into the capsule – [CBSE PMT-05]	
	(1) 20 mm Hg	(2) 50 mm Hg	(3) 75 mm Hg	(4) 30 mm Hg	
Q.40	Epithelial cells of the inte (1) Zymogen granules	estine involved in food ab (2) Pinocytic vesicles	sorption have on their sur (3) Phagocytic vesicles	face – [CBSE PMT-05] (4) Microvilli	
Q.41	If mammalian ovum fails (1) Estrogen secretion fu (3) Corpus leuteum will o	s to get fertilized , which o urther decreases disintegrate	one of the following is unli (2) Progesterone sercre (4) Primary follicle starts	kely – [CBSE PMT-05] tion rapidly declines developing	
Q.42	The catalytic efficiency of (1) The Km value (3) Molecular size of the	of two different enzymes enzyme	can be compared by the (2) The pH optimum valu (4) Formation of the pro	- [CBSE PMT-05] Jue duct	
Q.43	Biodiversity Act of India (1) 2002	was passed by the Parli (2) 1992	ament in the year <i>—</i> (3) 1996	[CBSE PMT-05] (4) 2000	
Q.44	The salivary gland chror	nosomes in dipteran larva	ae, are useful in gene maj	oping because –	
	(1) They have endoredu (3) These are easy to st	plicated chromosomes ain	(2) these are fused (4) These are much long	ردەت ۲۱۱۱-05] ger in size	
Q.45	Top–shaped multicilliate cotyledons, are characte (1) Gamopetalous angio (3) Polypetalous angios	e male gametes, and the eristic features of – sperms perms	mature seed which bears (2) Conifers (4) Cycads	only one embryo with two [CBSE PMT-05]	

Q.46	 Which group of three of the following five statements (a–e) contain is all three correct statements regarding beri–beri – [CBSE PMT-05] (a) A crippling disease prevalent among the native population of sub–Saharan Africa (b) A deficiency disease caused by lack of thiamine (vtamin B₁) (c) A nutritional disorder in infants and young children when the died is persistently deficient in essential 					
	protein (d) Occurs in those cour (e) The symptoms are deterioration and fina	ntries where the staple di pain from neuritis, paraly ally heart failure	et is polished rice vsis, muscle wasting, pro	gressive	oedema, mental	
	(1) b, c and e	(2) a, b and d	(3) b, d and e	(4) a, c	and e	
Q.47	Which of the following u micronuclei for reproduct (1) <i>Trypanosoma</i>	nicellular organism has a :tion – (2) <i>Paramecium</i>	macronucleus for trophic (3) <i>Euglena</i>	c functior (4) <i>Am</i> c	and one or more [CBSE PMT-05] Deba	
Q.48	Protein synthesis in an (1) On ribosomes prese (2) On ribosomes prese (3) Only on ribosomes a (4) Only on the ribosom	[CBSE PMT-05]				
Q.49	Centromere is required f (1) Movement of chromo (3) Crossing over	or – osomes towards poles	(2) Cytoplasmic cleavag (4) Transcription	e	[CBSE PMT-05]	
Q.50	Which one of the followi	ng hydrolyses internal ph	osphodiester bonds in a	polynucle	eotide chain – [CBSE PMT-05]	
	(1) Lipase	(2) Protease	(3) Exonuclease	(4) End	onuclease	
Q.51	Carbohydrates, the mos (1) Some bacteria, algae (3) Fungi, algae and gre	et abundant biomolecules e and green plant cells en plants cells	on earth, are produced b (2) All bacteria, fungi an (4) Viruses, fungi, bacte	oy – d algae ria	[CBSE PMT-05]	
Q.52	Animals, have the innat Select the incorrect exa (1) Colour change in cha (2) Poison fangs in snak (3) Melanism in moths (4) Enlargement of body	e ability to escape from p mple – ameleon kes v size by swallowing air in	puffer fish	he same	are given below. [CBSE PMT-05]	
Q.53	Which one of the followin and the funiculus and m (1) Amphitropous	ng represents an ovule, w icropyle are close to eacl (2) Antropous	vhere the embryo sac bec h other– (3) Circinotropous	omes ho (4) Atro	rse–shoe shaped [CBSE PMT-05] pous	
Q.54	Three crops that contrib (1) Wheat, rice and main (3) Wheat, maize and so	ute maximum to global fo ze orghum	od grain production are– (2) Rice, maize and sorg (4) Wheat, rice and bark	ghum ey	[CBSE PMT-05]	
Q.55	Telomerase is an enzyn (1) RNA	ne which is a – (2) Ribonucleoprotein	(3) Reptitive DNA	(4) Simj	[CBSE PMT-05] ple protein	
Q.56	In order to find out the di it should be crossed to a (1) AaBb	fferent types of gametes a plant with the genotype (2) aabb	produced by a pea plant h _ (3) AABB	naving the (4) aaB	e genotype AaBb, [CBSE PMT-05] B	

Q.57	Prolonged liberal irrigation (1) Aridity	on of agricultural fields is (2) Metal toxicity	likely to create the proble (3) Salinity	em of – (4) Acid	[CBSE PMT-05] lity
Q.58	According to widely acce integral proteins can dif respects. In this regard, (1) Proteins can also und (2) Many proteins remain (3) Proteins in cell memb (4) Proteins can remain of	, where lipids and odified in several [CBSE PMT-05]			
Q.59	There exists a close ass	ungus – ICBSE PMT-051			
	 (1) Provides food for the a (2) Provides protection, a (3) Fixes the atmospheri (4) releases oxygen for the action of th	alga anchorage and absorption c nitrogen for the alga he alga	n for the alga		[]
Q.60	In a woody dicotyledono	us tree, which of the follo	owing parts will mainly co	nsist of p	orimary tissues – [CBSE PMT-05]
	(1) Stem and root	20	(2) All parts (4) Elowers, fruits and lo	0.100	
	(3) Shoot lips and root li	ρs	(4) Flowers, Iruits and le	aves	
Q.61	Which of the following is (1) Haemophilia	not a hereditary disease (2) Cretinism	– (3) Cystic fibrosis	(4) Thal	[CBSE PMT-05] assemia
Q.62	Which of the following is (1) Electron– spin resona (3) Potassium– argon me	the relatively most accur ance method ethod	rate method for dating of (2) Uranium – lead meth (4) Radio–carbon metho	fossils– Iod Id	[CBSE PMT-05]
Q.63	More than 70 % of world (1) Antarctica (3) Glaciers and Mountai	's freshwater is containe	d in – (2) Polar ice (4) Greenland		[CBSE PMT-05]
Q.64	A woman with normal vis that the fourth child of th (1) Must have normal col (2) May be colour blind of (3) Will be partially colou (4) Must be colour blind	sion, but whose father wa is couple was a boy. This our vision or may be of normal visior Ir blind since he is hetero	s colour blind, marries a d s boy – n zygous for the colour blin	colour blii nd mutan	nd man. Suppose [CBSE PMT-05] t allele
Q.65	Production of a human p	rotein in bacteria by gene	etic engineering is possib	le becau	SE – ICBSE PMT-051
	 (1) Bacterial cell can car (2) The mechanism of ge (3) The human chromose (4) The genetic code is u 	ry out the RNA splicing r ene regulation is identical ome can replicate in bact niversal	eactions I in humans and bacteria Perial cell		
Q.66	Which of the following sublood at the site of its int (1) Thromboplastin	ubstances, if introduced roduction– (2) Fibrinogen	into the blood stream , w (3) Heparin	rould cau (4) Proti	se coagulation of [CBSE PMT-05] hrombin

Q.67	The world's highly prize (1) Kashmir sheep –Afg (3) Sheep	ed wool yielding 'Pashmin han sheep cross	a' breed is – (2) Goat (4) Goat–sheep cross	[CBSE PMT-05]
Q.68	Phtotosynthesis in C_4 p	plants is relatively less lim	ited by atmospheric CO ₂	levels because – [CBSE PMT-05]
	 (1) The primary fixation (2) Effective pumping o (3) Four carbon acids a (4) Rubisco in C₄ plants 	of CO_2 is mediated via P f CO_2 into bundle sheath or re the primary initial CO_2 s has higher affinity for CO_2	EP carboxylase cells fixation products D ₂	
Q.69	One of the examples of (1) Knee– jerk response (3) Peristalsis of the int	the action of the autonor e estines	nous nervous system is - (2) Pupillary reflex (4) Swallowing of food	- [CBSE PMT-05]
Q.70	At what stage of the ce (1) During telophase (3) Durings G–2–stage	ll cycle are histone proteiı of prophase	ns synthesized in eukary (2) During S–phase (4) During entire propha	otic cells– [CBSE PMT-05] se
Q.71	During transcription hole saddle like structure at (1) CAATbox	penzyme RNA polymeras that point. What is that so (2) GGTTbox	e binds to a DNA sequence equence called – (3) AAAT	ce and the DNA assumes a [CBSE PMT-05] (4) TATAbox
Q.72	The main organelle invol is –	ved in modification and rou	iting of newly synthesized	proteins to their destinations [CBSE PMT-05]
	(1) Endoplasmic Reticut(3) Mitochondria	lum	(2) Lysosome (4) Chloroplast	
Q.73	Damage to thymus in a (1) A reduction in haem (2) A reduction in stem (3) Loss of antibody me (4) Loss of cell mediate	a child may lead to – oglobin content of blood cell production diated immunity d immunity		[CBSE PMT-05]
Q.74	Which one of the followi drowsiness–	ng depresses brain activit	y and produces feelings o	of calmness, relaxation and ICBSE PMT-051
	(1) Morphine	(2) Valium	(3) Hashish	(4) Amphetamines
Q.75	Why is vivipary an unde (1) It reduces the vigour (2) The seeds exhibits I (3) It adversely affects t (4) The seeds cannot b	esirable character for annu r of the plant ong dormancy he fertility of the plant e stored under normal co	ual crop plants – nditions for the next seas	[CBSE PMT-05]
Q.76	There are two opposing were the ancestors of n modern man. What kind (1) Greater variation in a (2) Similar variation in A (3) Variation only in Asia (4) Greater variation in A	views about origin of mod nodern man. A study of va d of observation on DNA v asia than in Africa Africa and Asia a and no variation in Afric Africa	ern man. According to one ariation of DNA however s variation could suggest th a	e view <i>Homo erectus</i> in Asia suggested African origin of is – [CBSE PMT-05]

Q.77	Which of the following is (1) Members of a specie (2) Variation occur amo (3) Gene flow does not (4) Each species is repr	s not true for a species – es can interbreed ng members of a species occur between the popula oductively isolated from e	ations of a species every other species	[CBSE PMT-05]
Q.78	Photosynthetic Active R (1) 340–450 nm	adiation (PAR) has the fo (2) 450–950 nm	llowing range of waveleng (3) 500–600 nm	gths – [CBSE PMT-05] (4) 400–700 nm
Q.79	Haemophilia is more co	mmonly seen in human n	nales than in human fema	ales because – [CBSE PMT-05]
	 (1) This disease is due (2) This disease is due t (3) This disease is due a (4) A greater proportion 	to a Y–linked recessive n o an X–linked recessive r an X–linked dominant mut of girls die in infancy	nutation nutation tation	
Q.80	Chlorophyll in chloropla (1) Grana	sts is located in – (2) Pyrenoid	(3) Stroma	[CBSE PMT-05] (4) Both grana and stroma
Q.81	AIDS is caused by HIV (1) Activator B cells	that principally infects– (2) T 4 lymphocytes	(3) Cytotoxic T cells	[CBSE PMT-05] (4) All lymphocytes
Q.82	Which one of the follow (1) Savana – acacia tree (3) Tundra – permafrost	ing pairs is mismatched – es	(2) Coniferous forest – e (4) Prairie – epiphytes	[CBSE PMT-05] vergreen trees
Q.83	In which one pair both th (1) Bryophyllum and Ka (3) Asparagus and Bryo	ne plants can be vegetativ lanchoe phyllum	vely propagated by leaf pi (2) Agave and Kalancho (4) Chrysanthemum and	eces- [CBSE PMT-05] e Agave
Q.84	Parkinson's disease (characterized by tremors and progressive rigidity limbs) is caused of brain neurons that are involved in movement control and make use neurotransmit			is caused by degeneration ptransmitter–
	(1) Norepinephrine	(2) Acetylcholine	(3) GABA	(4) Dopamine
Q.85	A women with 47 chron	nosomes due to three cop	vies of chromosome 21 is	characterized by – [CBSE PMT-05]
	(1) Turner syndrome	(2) Down syndrome	(3) Superfemaleness	(4) Triploidy
Q.86	A man and a women, who do not show any apparent signs of a certain inherited disease, have se children (2 daugthers and 5 sons). Three of the sons suffer from the given disease but none of daughters are affected. Which of the following mode in inheritance do you suggest for this disease response.			
	(1) Sex–limited recessive(3) Sex–linked recessive	7e 9	(2) Autosomal dominant(4) Sex–linked dominar	nt
Q.87	At which latitude, heat radiation-	gain through insolation a	approximately equals he	at loss through terrestrial [CBSE PMT-05]
	(1) $42\frac{1}{2}$ ° North and Sou (3) 40° North and South	uth	(2) 22 ¹ / ₂ ° North and Sou (4) 66 ° North and South	ith 1
Q.88	In a man, abducens ner	ve is injured. Which one c	of the following functions	will be affected – [CBSE PMT-05]
	(1) Swallowing(3) Movement of the neo	:k	(2) Movement of the eye (4) Movement of the ton	e ball gue

Q.89	De Vries gave his mutation theory on organic evolution while working on – (1) Oenothera lamarckiana (3) Pisum sativum (4) Althea rosea			[CBSE PMT-05]	
Q.90	Genes for cytoplasmic r (1) Nuclear genome (3) Cytosol	nale sterility in plants are	e generally located in – (2) Chloroplast genome (4) Mitochondrial genom	e	[CBSE PMT-05]
Q.91	A patient is generally as when he suffers from – (1) Anaemia	dvised to specially, cons (2) Scurvy	ume more meat, lentils, (3) Kwashiorkor	milk and (4) Ricł	eggs in diet only [CBSE PMT-05] kets
Q.92	Barophilic prokaryotes– (1) Grow slowly in highly (2) Grow and multiply in (3) Readily grow and div (4) Occur in water conta	v alkaline frozen lakes at very deep marine sedime ide in sea water enriched ining high concentration o	high altitudes ents d in any soluble salt of bar of barium hydroxide	ium	[CBSE PMT-05]
Q.93	An important step in ma	nufacture of pulp for pape	er industry from the wood	y tissues	of plants is the –
	 (1) Removal of water fro (2) Treatment of wood w (3) Removal of oils pres (4) Preparation of pure c 	m the wood by prolonged ith chemicals that break ent in the wood by treatm ellulose by removing lign	I heating at approximately down cellulose nent with suitable chemica in	′ 50°C als	
Q.94	Potometer works on the (1) Potential difference k (2) Amount of water abso (3) Osmotic pressure (4) Root pressure	principle of – between the tip of the tub orbed equals the amount	e and that of the plant transpired		[CBSE PMT-05]
Q.95	The ability of the Venus (1) Rapid turgor pressure (2) A passive process re (3) Specialized "muscle (4) Chemical stimulation	Flytrap to capture insect e changes equiring no special ability – like" cells n by the prey	is is due to – on the part of the plant		[CBSE PMT-05]
Q.96	Which of the following p (1) Firbrous joint – betwee (2) Cartilaginous joint – (3) Gliding joint – betwee (4) Hinge joint – betwee	airs, is correctly matched een phalanges skull bones en zygapophyses of the s n vertebrae	d – uccessive vertebrae		[CBSE PMT-05]
Q.97	According to IUCN Red (1) Critically endangered (3) Extinct species	List, what is the status of species	Red Panda (Ailurus fulg (2) Vulnerable species (4) Endangered species	ens) –	[CBSE PMT-05]
Q.98	A person is undergoing	prolonged fasting. His uri	ne will be found to contai	n abnorn	nal quantities of – ICBSE PMT-051
	(1) Fats	(2) Amino acids	(3) Ketones	(4) Gluo	cose
Q.99	For retting of jute the fer (1) Methophilic bacteria (3) Butyric acid bacteria	menting microbe used is	– (2) Helicobactor pylori (4) Streptococcus lactin		[CBSE PMT-05]
Q.100	From the following state (1) Prawn has two pairs (2) Millepedes have two (3) Animals belonging to (4) Nematocysts are cha	ments select the wrong o of antennae pairs of appendages in e phylum Porifera are excl aracteristics of the phylur	one – ach segment of the body lusively marine m cnidaria		[CBSE PMT-05]