CONTROL & COORDINATION

1.	The two systems that regul	ate the activities of other sy	stems of an animal are:-				
	(A) nervous system and mu	scular system	(B) endocrine system and resp	piratory system			
	(C) nervous system and end	ocrine system	(D) muscular system and sens	e organs			
2.	In which direction does the	nerve impulse travel once	it is received by the receptor ?				
	(A) Terminal branches, axo	n, cell body and dendrite	(B) Dendrite, axon, cell body	and terminal branches			
	(C) Axon, dendrite, cell boo	ly and terminal branches	(D) Cell body, axon, dendrite and terminal branches				
3.	The effect of myelin sheath	on an impulse is :-					
	(A) to affect the speed of th	e incoming impulse					
	(B) to moderate the speed	of the incoming impulse					
	(C) to increase the speed of	f conduction of the impulse					
	(D) It is insulating material a	and has nothing to do with t	the speed of the impulse				
4.	At most of the synapses :-						
	(A) an electric current jump	os a gap	(B) there is contact between t	wo neurons			
	(C) heat is produced		(D) neurohumors or neurohormones are released				
5.	Insulin and glucagon are pr	oduced in the :-					
	(A) liver		(B) thyroid				
	(C) Islets of Langerhans pre	esent in the pancreas	(D) spleen				
6.	Insulin is :-						
	(A) an enzyme which digest	s protein	(B) a hormone which helps m	etabolism of sugar			
	(C) a hormone which prom	otes growth	(D) an enzyme which convert	s invertase into glucose			
7.	Injecting a tadpole with thy	roxine would lead to :-					
	(A) giant but normal tadpol	es	(B) precocious metamorphosi	S			
	(C) stoppage of metamorph	nosis	(D) atrophy of gonads				
8.	A very high level of calcium	n in the blood suggests malf	unction of the :-				
	(A) parathyroid	(B) thyroid	(C) thymus	(D) adrenal gland			
9.	Cortisone is used for the t	reatment of inflammation,	allergy and arthritis. Which of	the following endocrine			
	glands produces cortisone :	;-					
	(A) Thyroid	(B) Pancreas	(C) Adrenal	(D) Gonads			
10.	Proprioceptors are :-						
	(A) meant for detecting pre	essure in the skin					
	(B) for magnifying sound in	the internal ear					
	(C) internal sense organs w	hich occur most frequently i	in muscles				
	(D) for the detection of dire	ction of waves in fishes					
11.			d pressure, is mainly controlled	by :-			
	(A) cerebellum	(B) cerebrum	(C) hypothalamus	(D) medulla			
12.			a person are governed by :-				
	(A) cerebellum	(B) cerebrum	(C) thalamus	(D) medulla			
13.	The cerebellum is concerne		-				
	(A) coordination of muscula	r movements	(B) memorization of facts				
	(C) perception		(D) regulation of the working of the heart and lungs				
14.	Reflex action in a body is n						
	(A) inborn	(B) automatic and quick	(C) protective in nature	(D) volunatary			

С	BSE : CLASS-X								
15.	The number of cranial	nerves is :-							
	(A) ten pairs in man an	d ten pairs in a toad	(B) thirteen pairs in mar	n and ten pairs in a toad					
	(C) twelve pairs in man	and ten pairs in a toad	(D) twelve pairs in man	and twelve pairs in a toad					
16.	The following are not the functions of medulla of the brain :-								
	(A) control of voluntary	actions, memory and judge	ment						
	(B) respiration and coug	ghing							
	(C) circulation and hear	rt beat							
	(D) swallowing and vom	iting							
17.	The amount of glucose	in the blood is controlled by	y :-						
	(A) water		(B) combined action of i	(B) combined action of insulin and adrenaline					
	(C) adrenaline alone		(D) insulin alone	(D) insulin alone					
18.	Islets of Langerhans pr	oduce :-							
	(A) insulin and secretin		(B) glucagon and adrena	(B) glucagon and adrenaline					
	(C) insulin and glucagor	1	(D) ACTH and noradren	naline					
19.	The type of behaviour i	n which a substitute stimulus	s evokes the same response as	vokes the same response as the original stimulus is called					
	(A) reflex action		(B) conditioned reflex ac	ction					
	(C) operon		(D) habit	(D) habit					
20.	Neurohumors released	by the terminal branches o	f neurons are :-						
	(A) acetylcholine and no	oradrenaline	(B) sympathin adn thyro	xine					
	(C) acetylcholine and ch	nolinesterase	(D) cholinesterse and no	oradrenaline					
21.	Maximum developed c	erebrum is found in :-							
	(A) sharks	(B) rabbit	(C) man	(D) whale					
22.	Dorsal nerve cord is ch	aracteristic of :-							
	(A) earthworm	(B) hydra	(C) amoeba	(D) primates					
23.	The conditioned reflex	was discovered by :-							
	(A) Watson and Crick	(B) Pavlov	(C) Morgan	(D) Mendel					
24.	The main portion(s) of	a neuron is/are :-							
	(A) cyton wtih dendrites	;	(B) axon with or without	(B) axon with or without sheath					
	(C) terminal branch		(D) All of the above						
25.	Grey matter of the brai	n contains :-							
	(A) cell bodies		(B) cell bodies with proc	esses					
	(C) cell bodies with pro	cesses and a large number o	of synapses						
	(D) sensory and motor	nerve cells							
26.	Hypothalamus controls	the following function of th	e body, excluding :-						
	(A) sleep		(B) body temperature						
	(C) osmoregulation		(D) analysis of stimuli ree	ceived through sense organs					
27.	The gland whose horm	one affects the functions of	many other endocrine glands	is :-					
	(A) thyroid gland	(B) pituitary gland	(C) pancreas	(D) parathyroid					
28.	The longest cell in the l	body of an animal is :-							
	(A) osteocytes	(B) neuron	(C) chromatophores	(D) lymph corpuscles					
29.	Which cell stops dividin	-							
.	(A) Glial cells	(B) Epithelium	(C) Liver	(D) Neuron					
30.	-	cell bodies of neurons in our	-	(D) ration					
	(A) brain	(B) spinal cord	(C) tongue	(D) retina					

31.	Which of the following is N	OT a function of neuron ?					
	(A) Receive information		(B) Conduct a signal				
	(C) Form the myelin sheath		(D) Co-ordinate metabolic act	tivities			
32.	Hearing is controlled by :-						
	(A) temporal lobes	(B) cerebrum	(C) hypothalamus	(D) parietal lobe			
33.	Thermostat is an instrume	nt by which one can regulat	e the temperature of an oven, a	a heater or a refrigerator.			
			nmalian brain in the region of t				
	(A) cerebrum	(B) hypothalamus	(C) cerebellum	(D) medulla oblongata			
34.	Spinal cord passes through						
	(A) obturator foramen	(B) condylar canal	(C) sphenopalatine foramen	(D) foramen magnum			
35.			lood pressure increases, etc. W				
	at this time in his body :-	5 17	, , , , , , , , , , , , , , , , , , ,				
	(A) Parathormone	(B) Adrenaline	(C) Corticoid	(D) Thyroxine			
36.		sent in deep layers of skin a					
	(A) Krause's end bulb		(C) Corpuscles of Ruffini	(D) Pacinian corpuscles			
37.		es are conducted increase v		()			
	(A) increasing diameter of		(B) increasing diameter of the	e axon			
	(C) increasing number of d		(D) increasing branching of the dendrites				
38.	Reflex arc is formed by :-		(,				
	(A) receptor - brain - musc	es	(B) muscles - spinal cord - red	ceptor			
	(C) receptor - spinal cord -		(D) muscle - brain - receptor	1			
39.	In mammals, the autonomi						
	(A) sympathetic and parasy	-	(B) cranial and spinal nerves				
	(C) brain and spinal cord	•	(D) medullated and nonmedu	Illated nerves			
40.	· · ·	eye is used for grafting in or	der to cure certain cases of bli				
	(A) Retina	(B) Lens	(C) Cornea	(D) Iris			
41.	A person going up to 10,0	00 feet high in a hot balloc	on may develop severe pain in	the ear due to :-			
	(A) blocked eustachian tube	2	(B) rupture of fenestra				
	(C) endolymph getting into	semicircular canals	(D) fear of great height				
42.	In mammals, the middle ea	ar ossicles from inside to our	tside are in the sequence of :-				
	(A) stapes, incus, malleus	(B) stapes, malleus, stape	s (C) incus, malleus, stapes	(D) malleus, incus, stapes			
43.	You are riding a bicycle and	l take a sudden turn around a	a sharp corner. The organs invo	olved in the mainteanance			
	of balance is :-						
	(A) medulla oblongata	(B) semicircular canals	(C) cerebrum	(D) optic chiasma			
44.	When a person rotates rap	idly for a sustained period o	f time it results in the sensation	of dizziness and impairad			
	ability to walk steadily. Thi	s is because :-					
	(A) the hair cells of ampull	are damaged	(B) endolymph comes in conta	ct with tectorial membrane			
	(C) the horizontal and verti	cal canals are stimulated	(D) the vestibular branch of the	e auditory nerve is pressed			
45.	Endocrine glands put their	secretions directly into :-					
	(A) ducts	(B) blood	(C) both	(D) none of these			
46.	The first hormone to be iso	blated was :-					
	(A) thyroxine	(B) testosterone	(C) epinephrine	(D) secretin			
47.		concept of hormone action.	, if receptor molecules are remo				
			rmone without any difference				
		-	rmone but will require higher o	oncentration			
	(C) the target organ will no						
	(D) the target organ will continue to respond to the hormone but in the opposite way						

С	BSE : CLASS-X								
48.	In an accident the anterior pituitary of a four year old boy was severely damaged but the boy survived. What is								
	likely to happen :-								
	(A) High levels of thyro	xine will be released	(B) Spermatogenesis w	ill be released					
	(C) The boy will not gro	w much in height	(D) The growth of mam	nmary glands will be stimulated					
49.	A gorilla like man with	huge hand and legs. This is	s due to the abnormal secretion	e to the abnormal secretion of :-					
	(A) pituitary FSH	(B) pituitary LH	(C) pituitary GH	(D) thyroid					
	LH and FSH are called	l :-							
	(A) antistress hormones	5	(B) gonadotropic hormo	(B) gonadotropic hormones					
	(C) emergency hormon	e	(D) neurohormones	(D) neurohormones					
51.	FSH is to estrogen as L	_H is to :-							
	(A) vasopressin	(B) testosterone	(C) progesterone	(D) LTH					
52.	In a pregnant woman h	aving prolonged labour pain	s, its childbirth has to be haste	ned. It is advisable to administer					
	a hormone that can :-								
	(A) activate the smooth	muscles	(B) increase the metabo	(B) increase the metabolic rate					
	(C) release glucose into	the blood	(D) stimulate the ovary	(D) stimulate the ovary					

- **53.** Diabetes insipidus is the syndrome which results due to the :-
 - (A) failure of neurohypophysial system to inhibit the excess release of ADH
 - (B) failure of neurohypophysial system to produce or release ADH
 - (C) inability of pituitary to produce oxytocin
 - (D) inability of pituitary to release ACTH
- **54.** If a rat was given an injection of sodium iodide with radioactive iodine, then in which one of the following most of the iodine would be incorporated ?

	(A) Cartilage	(B) Thyroid	(C) Lymph nodes	(D) Parathyroid			
55.	Ca^{2+} level is controlled by :	-					
	(A) thyroxine		(B) FSH				
	(C) pancreas		(D) thyroid and parathyroid				
56.	Cretinism in young children	n is due to lack of :-					
	(A) vitamin D	(B) growth hormone	(C) calcitonin	(D) thyroxine			
57.	Exophthalmic goitre is caus	sed due to :-					
	(A) hypersecretion of thyrod	calcitonin	(B) hyposecretion of thyrocalcitonin				
	(C) hypersecretion of thyrox	kine	(D) hyposecretion of thyroxine				
58.	Failure of insulin production	n results in :-					
	(A) addison's disease		(B) cushing's disease				
	(C) diabetes insipidus		(D) diabetes mellitus				

Que.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Ans.	С	В	С	D	С	В	В	А	С	С	С	В	А	D	С
Que.	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Ans.	А	В	С	В	А	С	D	В	D	С	D	В	В	D	А
Que.	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
Ans.	D	А	В	D	В	D	В	С	А	С	А	А	В	D	В
Que.	46	47	48	49	50	51	52	53	54	55	56	57	58		
Ans.	D	С	С	С	В	С	А	В	В	D	D	С	D		

REPRODUCTION IN PLANT

1. In which of the following plants vegetative reproduction takes place with the help of bulbils									
	(A) <i>Colocasia</i>	(B) Zingiber	(C) Agave	(D) Vallisneria					
2.	Scion is a term in relatio	n to :-							
	(A) layering	(B) cutting	(C) grafting	(D) micropropagation					
3.	Which of the following is	propagated by means of a	cuttings ?						
	(A) Sugarcane	(B) Coffee	(C) Citrus	(D) All of these					
4.	Vegetative propagation	takes place by the leaves o	of :-						
	(A) <i>Calanchoe</i>	(B) Bryophyllum	(C) Banana	(D) Both (A) and (B)					
5.	A method in which roots	s are induced on the stem v	while it is still attached to th	e parent plant is called :-					
	(A) layering	(B) cutting	(C) grafting	(D) vivipary					
6.	During grafting rootstock is generally derived from a plant :-								
	(A) efficient in water and	mineral absorption	(B) resistant to diseases						
	(C) that grows strong and	l healthy branches	(D) all of the abvoe						
7.	What is parthenocarpy :-								
	(A) Development of fruit	without hormones	(B) Development of fruit	without fertilisation					
	(C) Development of egg	without fertilisation	(D) Development of emb	ryo without fertilisation					
8.	What is micropropagatic	on ?							
	(A) Germination of seed	with cotyledons above the	soil						
	(B) A technique to obtain new plants by cultivating the cells or tissues in culture medium								
	(C) The mature stage of endosperm								
	(D) To manufacture horn	nones							
9.	Pollination is best define	d as :-							
	(A) the transference of p	ollens from anthers to stig	ma						
	(B) the germination of po	ollen grains							
	(C) visiting of flowers by a	ants							
	(D) the growth of pollen	tube in the ovule							
10.	Pollination is a character	istic of :-							
	(A) angiosperms	(B) pteridophytes	(C) bryophytes	(D) all of the above					
11.	Self-pollination means :-								
	(A) germination of poller	ns within the anther							
	(B) transference of poller	(B) transference of pollens from anthers to the stigma within the same flower							
	(C) transference of pollens from one flower to another on the different plant								
	(D) presence of male and	d female sex organs in the	same flower						
12.	How is pollination broug	ht about in maize ?							
	(A) By insects	(B) By bats	(C) By wind	(D) By water					

С	BSE : CLASS-X								
13.	Pollination by bats is call	ed :-							
	(A) cheiropterophily	(B) ornithophily	(C) malacophily	(D) entomophily					
14.	Entomophily is pollinatio	n by :-							
	(A) water	(B) animals	(C) air	(D) insects					
15.	What is emasculation ?	Vhat is emasculation ?							
	(A) Pollination between f	lowers of different plants							
	(B) Pollination between flowers of same plant								
	(C) Artificial pollination								
	(D) Removal of the stamens of a plant to prevent self pollination								
16.	. In angiosperms meiosis occurs when :-								
	(A) flowers are formed		(B) pollen grains are formed						
	(C) seeds are formed		(D) seeds germinate						
17.	. Fertilisation means :-								
	(A) transfer of male gamete to female gamete								
	(B) adhesion of male and female reproduction organs								
	(C) fusion of nuclei of ma	ale and female gametes							
	(D) the shedding of game	etes from a reproductive or	gan						
18.	Double fertilisation is cha	aracteristic of :-							
	(A) angiosperms	(B) algae	(C) gymnosperms	(D) bryophytes					
19.	Double fertilisation mean	15 :-							
	(A) fusion of eggs and po	ollen nucleus of two pollen :	nuclei						
	(B) fusion of one male ga	amete with the egg and oth	er with the secondary nucle	eus					
	(C) fusion of two eggs								
	(D) fusion of one male ga	amete with the egg and oth	er with synergids						
20.	Embryosac is a :-								
	(A) 7 celled and 7 nuclei	structure							
	(B) 8 celled and 7 nuclei	structure							
	(C) 7 celled and 8 nuclei	structure							
	(D) None of these								

(D) None c	of these
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Ques.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Ans.	С	С	D	D	А	D	В	В	А	А	В	С	А	D	D	В	С	А	В	С



REPRODUCTION IN ANIMALS

1.	During mitosis which of the following is (are) equally distributed in the daughter cells ?								
	(A) Chloroplasts	(B) Centrosome	(C) Cytoplasm	(D) Chromosomes					
2.	A contraceptive is :-								
	(A) Condom, cervical cap	p or diaphragm	(B) Intrauterine device						
	(C) Pill		(D) All the above						
3.	Reproduction by budding	g takes place in :-							
	(A) hydra and earthworm	1	(B) hydra and yeast						
	(C) yeast and bacteria		(D) bacteria and amoeba						
4.	The gametes are formed	d as a result of :-							
	(A) vegetative propagatio	on	(B) sexual reproduction						
	(C) meiosis		(D) mitosis						
5.	The advantage of sexual	l reproduction over asexu	al reproduction is that :-						
	(A) hereditary variations	in the offsprings take pla	ce (B) quick propagation	of the progeny takes place					
	(C) male and female are	e able to meet	(D) larger offsprings are produced						
6.	A contraceptive pill contains :-								
	(A) Progesterone and est	trogen	(B) Spermicidal salts						
	(C) Chemicals that cause	e automatic abortion	(D) Chemicals that preve	ent fertilization of ovum					
7.	Eggs containing a larger	amount of yolk are char	acteristic of :-						
	(A) external fertilisation and external development (B) external fertilisation and internal development								
	(C) internal fertilisation and external development (D) internal fertilisation and internal development								
8.	Which of the following is not characteristic of external fertilisation in vertebrates ?								
	(A) Eggs are laid in wate	er	(B) Streamlined body of	the larva					
	(C) Presence of gills		(D) Internal development						
9.	The structure which prov	rides a place for attachmer	nt and exchange of materia	als between mother and the					
	foetus in eutheria is calle	ed :-							
	(A) uterus	(B) placenta	(C) oviduct	(D) cervix					
10.	In which of the develop	ment stages of a frog, do	es the blastopore start ap	opearing ?					
	(A) 8-celled stage	(B) Morula	(C) Blastula	(D) Gastrula					
11.	During the embryonic de	evelopment of an organism	n in vertebrates, alimentar	ry canal is developed from:-					
	(A) ectoderm	(B) endoderm	(C) mesoderm	(D) epidermis					
12.	The importance of repro	oduction in organisms is b	ecause of :-						
	(A) formation of new ind	ividuals	(B) production of individu	uals with same traits					
	(C) production of individu	uals with different traits so	o as to bring varieties and	l variations in a population					
	(D) All of the above								
13.	Puberty period in girls is	s between :-							
	(A) 12-18 years of age	(B) 10-16 years of age	(C) 14-20 years of age	(D) 15-18 years of age					
14.	A human zygote has :-								
	(A) 46 chromosomes	(B) 23 chromosomes	(C) 47 chromosomes	(D) 48 chromosomes					

15.	Regeneration is a process in which :-										
	(A) a new individual is	s produced	(B) missing parts grow	again							
	(C) old individuals are	replaced by new ones	(D) a tumour is produc	ced							
16.	Primary sex organ is :-										
	(A) Ovary/testis	(B) Uterus/Seminal Ve	esicle (C) Breast/Beard	(D) spermatic cord							
17.	Secondary sex organ	is :-									
	(A) Testis	(B) Breast	(C) Beard	(D) Vas deferens							
18.	Temperature in scrotu	um necessary for sperm fo	ormation should be :-	nation should be :-							
	(A) 2°C above body t	emperature	(B) 2°C below body te	(B) 2°C below body temperature							
	(C) 4°C above body t	emperature	(D) 4°C below body te	mperature							
19.	Voice is high pitched in :-										
	(A) Aged persons	(B) Adult males	(C) Boys	(D) Females							
20.	First menstrual cycle is :-										
	(A) Parturition	(B) Menopause	(C) Menarche	(D) Implantation							
21.	Menopause occurs in females at the age of :-										
	(A) 55 - 60 years	(B) 50 - 55 years	(C) 45 - 50 years	(D) 37 - 42 years							
22.	Nonprimate mammals	Nonprimate mammals have :-									
	(A) Menstrual cycle	(B) Oestrous cycle	(C) Breeding seasons	(D) Non breeding seasons							
23.	MTP is :-										
	(A) Multitrade practice	25	(B) Malthusian treatis c	n population							
	(C) Multiple temporar	y frequency	(D) Medical terminatior	n of pregnancy							
24.	Glands of male reproductive system are:-										
	(A) Prostate and semi	nal vesicles	(B) Prostate, Bertholin's	s and seminal vesicles							
	(C) Seminal vesicles a	nd Bertholin's glands	(D) Prostate, Cowpers and seminal vesicles								
25.	Number of sperms pr	esent in a single ejaculation	on of semen contains :-								
	(A) 10,000	(B) 100,000 – 1000,	000 (C) 30–40 million	(D) 300 – 400 million							
26.	Development of fertili	ized egg starts from :-									
	(A) Invagination	(B) Regeneration	(C) Cleavage	(D) Fragmentation							
27.	Mesorchium is peritor	neal covering of :-									
	(A) Ovary	(B) Testis	(C) Kidney	(D) Liver							
28.	Mesovarium is peritor	neal covering of :-									
	(A) Ovary	(B) Testis	(C) Kidney	(D) Liver							
29.	Fertilization in human	s occurs in :-									
	(A) Uterus	(B) Vagina	(C) Fallopian tubes	(D) Urethra							
30.	The function of mitod	hondria in sperm is :-									
	(A) To control the mo	ovement of sperm	(B) To provide energy	(B) To provide energy for movement of sperm							
	(C) To provide energy	to nucleus	(D) None of the above								
31.	Primary oocyte is :-										
	(A) Haploid	(B) Diploid	(C) Polyploid	(D) None of the above							

32.	Secondary oocyte is :-			
	(A) Haploid	(B) Diploid	(C) Polyploid	(D) None of the above
33.	Eggs from ovary are rel	eased in :-		
	(A) Oviduct	(B) Kidney	(C) Ureter	(D) Coelom
34.	The functional unit of te	stis of man is :-		
	(A) Uriniferous tubules	(B) Malphigian tubules	(C) Seminiferous tubules	(D) Acini or lobules
35.	Chorionic gonadotropin	is secreted by :-		
	(A) Pituitary	(B) Ovary	(C) Placenta	(D) Uterus
36.	Testosterone is secreted	by :-		
	(A) Leydig's cells	(B) Testis of male	(C) Vagina of female	(D) None of the above
37.	Meiosis occurs in :-			
	(A) Primary spermatocyte	es	(B) Secondary spermator	cytes
	(C) Both A and B		(D) Spermatogonia	
38.	Human females possess	44 + XX chromosomes.	The secondary <i>oocyte</i> sha	Ill have :-
	(A) 44 + XX	(B) 22 + X	(C) 22	(D) 44
39.	Gestation period in hum	ans is :-		
	(A) 7 months	(B) 9 months	(C) 25 months	(D) 8 months
40.	Foetus is nourished by :-			
	(A) Placenta	(B) Yolk	(C) Blood	(D) Phagocytosis
41.	Which is related to male	es ?		
	(A) Oral pill	(B) Tubectomy	(C) Vasectomy	(D) None of the above
42.	Nerves develop from :-			
	(A) Ectoderm		(B) Mesoderm	
	(C) Endoderm		(D) Both layers of mesod	lerm and endoderm
43.	Fertilization was first disc	covered by :-		
	(A) Aristotle	(B) Leeuwenhoek	(C) Harvey	(D) Pander
44.	An IUCD is :-			
	(A) Copper - T	(B) Condom	(C) Vasectomy	(D) Pill
45.	A sterilisation technique	is :-		
	(A) Loop	(B) Diaphragm	(C) Tubectomy	(D) Cervical cap

Ques.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Ans.	D	D	В	С	А	А	С	D	В	D	В	D	В	А	В	А	D	D	D	С
Ques.	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
Ans.	В	В	С	D	D	С	В	А	С	В	В	А	А	С	С	А	С	В	В	А
Ques.	41	42	43	44	45															
Ans.	С	А	А	А	С															
																				99

HEREDITY AND EVOLUTION

1.	Mendel conducted his hyb	ridisation experiment with :-	-				
	(A) Chick pea	(B) Pigeon pea	(C) Garden pea	(D) Wild pea			
2.	Mendel studied seven con following character did he	-	breeding experiment with <i>Pis</i>	<i>sum sativum</i> , which of the			
	(A) Pod colour	(B) Pod shape	(C) Leaf shape	(D) Plant height			
3.	The main reason of Mend	lel's successs in discovering t	he principles of inheritance wa	as :-			
	(A) He considered each cl (C) The plant was pure br		(B) He was lucky not to encounter linkage problem (D) All the above				
4.	Mendel was lucky in the ch success ?	noice of the material of his ex	periments, among the followin	g, which contributed, to his			
	(A) He observed distinct in	herited traits	(B) He qualitatively analysed	l his date			
	(C) He liked pea plants		(D) He considered only one	character at one time			
5.	The year 1990 AD is higl	nly significant for genetics du	ie to :-				
	(A) Principle of linkage		(B) Chromosome theory of I	neredity			
	(C) Rediscovery of Mende	lism	(D) Discovery of genes				
6.	Genotype means :-						
	(A) Genetic composition c	of the individual	(B) Genetic composition of	the germ cell			
	(C) Genetic composition c	f plastids	(D) Genetic compositon of a	an organ			
7.	The physical manifestatio	n of an organism's genes is it	ts :-				
	(A) Environment	(B) Phenotype	(C) Genetic code	(D) Genotype			
8.	An organism with two ide	entical alleles of a gene in a c	cell is called :-				
	(A) Homozygous	(B) Domainant	(C) Heterozygous	(D) Hybrid			
9.	When an individual is hav	ing both the alleles of contra	sting characters it is said to be	2 :-			
	(A) Heterozygous	(B) Dioecious	(C) Monoecious	(D) Linked genes			
10.	When an allele fails to exp	press itself in F_1 generation i	in the presence of other allele	, the former is said to be :-			
	(A) Recessive	(B) Codominant	(C) Complementary	(D) Epistatic			
11.	Alleles are :-						
	(A) Homologous chromoso	ome	(B) Chromosome that have	crossed over			
	(C) Alternate forms of ger	ie	(D) Linked genes				
12.	Mendel's laws apply only	when :-					
	-	s shows two types of individu	als				
	(B) The character are link						
	(C) Parents are pure bree	0					
		g character is dependent up					
13.			his predecessor and contribute				
	(A) He observed many cha		(B) He observed distinct inh				
	(C) He quantitatively analy		(D) He kept breeding record				
14.	If a plant is heterozygous of :-	for tallness, the F_2 generation	n has both tall and dwarf plant	s. This proves the principle			
	(A) dominance	(B) segregation	(C) independent assortment				
15.	Mendel crossed a pure will generation of hybrids from		plant with a dominant pure re	d flowered plant. The first			
	(A) 50% white flowers and	d 50% red flowers	(B) all red flowered plants				
	(C) 75% red flowered and	25% red flowered plants	(D) all white flowered plants	3			

				BIOLOGY
16.	If a couple has three daug	hters, what are the chance	s that the fourth child will be a	son ?
	(A) 100%	(B) 75%	(C) 50%	(D) 0%
17.			gous dwarf plant, the proportic	
	(A) 50%	(B) 75%	(C) 100%	(D) 25%
18.		gous tall plant with a dwarf	would yield F_2 plants in the ra	tio of :-
	(A) two tall and two dwarf		2	
	(B) one homozygous tall, o	one homozygous dwarf and	two heterozygous tall	
	(C) all homozygous dwarf			
	(D) all homozygous tall			
19.			breeding short plant and the F eding short plant in F_2 will be	
	(A) 1 : 2	(B) 1 : 1	(C) 2 : 1	(D) 1 : 3
20.			olour. The expected children c	
	eyed woman and brown-e	eyed male who had a blue-e	eyed mother are likely to be :-	
	(A) all blue-eyed		(B) three blue-eyed and one	e brown-eyed
	(C) all brown-eyed		(D) one blue-eyed and one	brown-eyed
21.	The genotype of a domina	ant parent is determined by	crossing it with the recessive p	parent. This cross is called :-
	(A) back cross	(B) test cross	(C) long cross	(D) out cross
22.	The results of a test cross	reveal that all the offspring	resemble the parent being tes	sted. This parent must be :-
	(A) heterozygous	(B) homozygous	(C) recessive	(D) haploid
23.	Chromosome theory of h	eredity was postulated by :-		
	(A) Charles Darwin	(B) Gregor Mendel	(C) Sutton and Boveri	(D) Har Gobind Khorana
24.	Which chromosome set is	found in male grass-hoppe	er?	
	(A) XY	(B) X	(C) YY	(D) XX
25.	Allosomes are :-			
	(A) bead like structures	(B) on chromosomes	(C) sex chromosomes	(D) rounded bodies
26.	-	used in genetics research b		
	(A) easy to procure		(B) easily manipulated	
	(C) easy to handle		(D) easy to culture in labora	atory
27.	Mutation is :-			
	(A) a change that is inheri			
		s the parents only but neve		
		is the offspring of F_2 generated	ation only	
00	(D) a factor responsible fo			
28.	Recessive mutation are ex		(D) 1 · · · · · · · · ·	
	(A) has to express always (C) with a single second seco		(B) heterozygous condition	
20			ion (D) homozygous condition do not eliminated from gene 1	and in that
29.		carried by heterozygous in		poor is that :-
		l show up more frequently	uividuais	
		ause of a small population		
	(D) they have future surviv			
30.	Mutations are usually indu			
50.	(A) gamma rays	(B) alpha rays	(C) beta rays	(D) visible light
31.	• • -	popular by "De Vries muta		(2) visione light
	(A) <i>Triticum vulgare</i>	(B) <i>Oenothera lamarkia</i>	-	(D) <i>Primula vulgaris</i>
	, , , a.gu e	,_,	- (-)	

С	BSE : CLASS-X						
32.	Gene mutation is caused :-						
02.	(A) due to reproduction		(B) due to changes in the seq	uence of nitrogen bases			
	(C) due to linkage		(D) due to changes in the sec	e e			
33.	Sex chromosomes may be	found in :-	(,				
	(A) unisexual plant	(B) unisexual flower	(C) monocarpic plant	(D) intersexual plant			
34.	• •	is a sex-linked characteristi					
	(A) White eye in <i>Drosophila</i>		(B) Duffy blood group in hum	nan beings			
	(C) AB blood group in hum		(D) Vestigial wing				
35.	Human offspring would be	female, if 23 rd pair of chror	nosome in zygote is :-				
	(A) YY	(B) XY	(C) XX	(D) XYY			
36.	"Barr body" is derived from	ו :-					
	(A) autosomes in males	(B) autosomes in females	(C) X-chromosome in female (I	D) X-chromosome in males			
37.	Down's syndrome is due to	:-					
	(A) nondisjunction of chrom	osomes	(B) crossing over between ge	nes			
	(C) linkage of genes		(D) sex linked inheritance				
38.	The DNA is the genetic ma	aterial was proved conclusiv	ely by :-				
	(A) J D Watson	(B) Hershey and Chase	(C) Alfred Griffith	(D) Boveri and Sutton			
39.	Nobel Prize for "one gene	one enzyme theory" was giv	ven to :-				
	(A) Beadle and Tatum		(B) Schleiden and Schwann				
	(C) Watson and Crick		(D) H Harris				
40.	Retrovirus has the followin	g as its genetic material :-					
	(A) single stranded DNA		(B) double stranded duplex DNA				
	(C) DNA-RNA hybrid		(D) RNA				
41.		quence is present in Rous Sa					
	(A) DNA \rightarrow RNA \rightarrow protei		(B) DNA \rightarrow DNA \rightarrow proteins				
	(C) RNA \rightarrow DNA \rightarrow protei		(D) RNA \rightarrow DNA \rightarrow RNA \rightarrow	proteins			
42.	The term genome is used f						
	(A) diploid set of chromosom		(B) polyploid set of chromoso				
40	(C) triploid set of chromoso		(D) haploid set of chromoson	nes			
43.	-	d mammal that gained work		(D) Deller e de en			
44.	(A) Molly, a sheep	(B) Polly, a sheep	(C) Chance ; a bull	(D) Dolly, a sheep			
44.	The transgenic animals are (A) foreign DNA in some a		(B) foreign DNA in all its cell	-			
	(A) foreign DNA in some o		(D) both (A) and (C)	5			
45.	(C) foreign RNA in all its ce	ly produced by culturing bac					
т 0.	(A) Insulin	(B) Thyroxine	(C) Testosterone	(D) Adrenalin			

Ques.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Ans.	С	С	D	D	С	А	В	А	А	А	С	С	С	В	В	С	А	В	В	D
Ques.	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
Ans.	В	В	С	В	С	D	А	D	А	А	В	В	А	А	С	С	А	В	А	D
Ques.	41	42	43	44	45		-	-		-						-	-	-	-	-
Ans.	D	D	D	В	А															
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ECOLOGY & ENVIRONMENT

1.	Insectivorous plants grow c	only in soils deficient in :-		
	(A) calcium	(B) phosphorus	(C) nitrogen	(D) copper
2.	Biomass produced by plan	ts in oceans accounts for :-		
	(A) 85%	(B) 75%	(C) 65%	(D) 55%
3.	Geothermal energy is :-			
	(A) non-renewable non-con	ventional energy source	(B) non-renewable conventio	nal energy source
	(C) renewable non-convent	ional energy source	(D) renewable conventional e	energy source
4.	Inexhaustible, non-convent	ional source of energy is :-		
	(A) solar radiations	(B) wind power	(C) sea tides	(D) all the above
5.	Soil is composed of :-			
	(A) mineral + water + air		(B) mineral + organic matter	+ air
	(C) mineral + organic matt	er + air + water	(D) organic matter + water	
6.	Plants growing in extremel	y cold soils are :-		
	(A) halophytes	(B) psammophytes	(C) oxylophytes	(D) psychrophytes
7.	Which one of the following	animals can live from birth	to death without even drinking	g water :-
	(A) Kangaroo rat	(B) Kangaroo	(C) Camel	(D) Desert cat
8.	Energy and nutrients enter	a community by way of the	2:-	
	(A) producers	(B) consumers	(C) detrivores	(D) scavengers
9.	Which is the correct seque	nce in the food chain in gra	ssland ?	
	(A) Grass \rightarrow wolf \rightarrow deer –	→ buffalo	(B) Grass \rightarrow insect \rightarrow bird \rightarrow	- snake
	(C) Grass \rightarrow snake \rightarrow insec	$ct \rightarrow deer$	(D) Bacteria \rightarrow grass \rightarrow rabb	$it \rightarrow wolf$
10.	There is no difference betw	veen the following :-		
	(A) primary consumers and	herbivores	(B) trophic level I and herbive	ores
	(C) primary carnivores and	trophic level II	(D) Secondary consumers an	d herbivores
11.	Driving force of ecosystem	is :-		
	(A) carbohydrate in plants	(B) biomass	(C) solar energy	(D) producer
12.	An aquatic plant with float			
	(A) have stomata on leaf su	urface	(B) have stomata on lower su	
	(C) have stomata		(D) have stomata only on up	per surface
13.		ncrease in concentration of		
	(A) SO_2 and NO_2	(B) CO and CO ₂	(C) CO and SO_3	(D) ozone and dust
14.	Which is NOT a green hou	-		
	(A) CO_2	(B) H ₂	(C) CFC	(D) Methane
15.		ne studies on atmospheric p	ollution because they :-	
	(A) can also grow in greatly			
	(B) can readily multiply in I			
	(C) are very sensitive to po	_		
	(D) efficiently purify the atr	nosphere		

С	BSE : CLASS-X			
16.		nship between living orgar	iisms and their environmen	t is called
	(A) phytogeography	(B) ecology	(C) phytosociology	(D) ecosystem
17.	Abiotic component in an	ecosystem is		
	(A) water	(B) daphnia	(C) bacteria	(D) chlorella
18.	Who had proposed the t	erm ecosystem?		
	(A) Gardner	(B) Tansley	(C) Odum	(D) Krebs
19.	Which one of the followi	ng is the definition of ecos	ystem?	
	(A) A localised associatio	n of several plants and an	imals	
	(B) Different communitie	s of plants, animals and m	icrobes, together with their	physicochemical environments
	(C) Different communitie	es of plants and microbes,	plus their physicochemical o	environments
	(D) A community of orga	nisms interacting with one	another	
20.	Good soil is			
	(A) which allows the limit	ted amount of water into it		
	(B) which allows to perco	plate the water slowly form	ı it	
	(C) which allows to pass	water very quickly from it		
	(D) which holds whole of	water into it		
21.	Humus is an example of			
	(A) crystalloids	(B) organic colloids	(C) soil structure	(D) none of them
22.	Plants growing in shady	regions are		
	(A) sciophytes		(B) xerophytes	
	(C) heliophytes		(D) epiphytes	
23.	Plants occurring on soils	rich in salts are known as		
	(A) heliophytes	(B) halophytes	(C) geophytes	(D) thermophytes
24.	Which of the following is	s the most characteristic fe	ature of a xeric environmer	nt?
	(A) Low atmospheric hur	nidity	(B) Extremes of tempera	ature
	(C) The precipitation		(D) High rate of vaporisa	tion
25.		ery poorly developed in :-		
	(A) xerophytes	(B) halophytes	(C) hydrophytes	(D) lithophytes
26.	Xerophytes have long ro	ots		
	(A) due to -light		(B) to draw water from o	leep water beds
~-	(C) to give mechanical su		(D) none of the above	
27.	Mangrove plants show vi			
		within fruits while still atta	ached to parent plant	
	(B) germination of seeds			
		within fruit on sterile artif		
00		only after dispersal of fru		
28.		are found growing on the		(D) lithenhutes
	(A) parasites	(B) epiphytes	(C) saprophytes	(D) lithophytes

In submerged hydrophytes functional stomata are found 29. (A) on lower surface of leaf (B) on both the surface of leaf (C) no where on the plant (D) on upper surface of leaf **30.** A food chain consists of (A) producers and primary consumers (B) producers, herbivores and carnivores (C) producers, consumers and decomposers (D) producers, carnivores and decomposers 31. Which of the following is the correct sequence in food chain? (A) Fallen leaves \rightarrow bacteria \rightarrow insect larvae \rightarrow birds (B) Phytoplankton \rightarrow zooplankton \rightarrow fish (C) Grasses \rightarrow fox \rightarrow rabbit (D) Grasses \rightarrow chameleon \rightarrow insects birds 32. Which is a primary consumer? (A) Scavenger (B) Saprophyte (C) Carnivore (D) Herbivore 33. Energy and nutrients enter a community by way of the (C) detrivores (A) producers (B) consumers (D) scavengers **34.** When a big fish eats a small fish, which eats water fleas supported by phytoplankton, the water fleas are (A) primary consumers (B) secondary consumers (C) top consumer in this food chain (D) producers **35.** In natural ecosystem, decomposers include (A) only microscopic animals (B) only bacteria and fungi (C) the above two types of organisms plus microscopic animals (D) only the above two types of organisms 36. The food chain in which microorganisms break down the energy rich compounds synthesised by producers is (A) detritus food chain (B) predator food chain (C) consumer food chain (D) parasitic food chain 37. In an aqueous environment, microscopic animals and plants are collectively known as (A) herbivores (B) fauna and flora (C) planktons (D) symbionts 38. Water logged soil is (A) physically as well as physiologically dry (B) physically wet but physiologically dry (C) physically dry (D) physically as well as physiologically wet 39. Carbon dioxide in atmospheric air amounts to about (A) 0.03% (C) 0.3% (D) 3% (B) 0.003% **40**. The presence of ozone in the atmosphere of earth (A) is advantageous since it supplies O_2 for people travelling in jets (B) helps in checking the penetration of ultraviolet rays to earth (C) hinder higher rate of photosynthesis (D) has been responsible for increasing the average global temperature in recent years 41. The term biodiversity refers to the (A) Varitions in man (B) A species found in a particular area (C) Variety of different types of organism found on earth (D) All of the above

42.	Silent valley-which conta	ins very rare species of pla	nts and animals, is situated	in
	(A) Kerala	(B) Rajasthan	(C) Jammu and Kashmir	(D) Bombay
43.	"Chipko Movement" is co	oncerned with		
	(A) plant conservation	(B) project tiger	(C) animal breeding	(D) plant breeding
44.	A biosphere in nature m	ay be compared with a		
	(A) Bacteria	(B) Cell	(C) Nucleus	(D) Cell wall.
45.	The biosphere includes			
	(A) Pedosphere (soil)	(B) Hydrosphere	(C) Atmosphere	(D) All of these
46.	A natural forest is an exa	ample of		
	(A) Hydrosphere	(B) Biotic community	(C) Ecosystem	(D) All of these
47.	The Sahara desert is an	example of		
	(A) Population	(B) Biotic community	(C) Biosphere	(D) Biome
48.	The 'producers' in genera	al are		
	(A) Autotrophic animals		(B) Heterotrophic plants	
	(C) Heterotrophic animal	S	(D) Autotrophic plants	
49.	Man in everyday life pro	duces food synthetically. O	n the basis of this can man	be called a producer?
	(A) Yes		(B) No	
	(C) Insufficient informatic	on to answer	(D) Cannot be definitely s	said.
50.	Suppose all consumers of	of the earth are dead. Ther	1	
	(A) Producers will not pro	epare food		
	(B) Decomposers will die			
	(C) There will be no sunli	ght available by photosynth	nesis.	
	(D) None of these			
51.	Why does a goat not eat	a tiger?		
	(A) Because the tiger is n	nore powerful than the goa	at	
	(B) Because the goat is n	ot adapted to eat flesh.		
	(C) Because every goat is	s taught by its parents to ke	eep away from tigers.	
	(D) All of these			
52.	The correct food chain o	ut of the following is		
	(A) Tiger \rightarrow Cat \rightarrow Lion	\rightarrow Goat	(B) Grass \rightarrow Insects \rightarrow Li	$zard \rightarrow Snake$
	(C) Grass \rightarrow Rabbit \rightarrow Li	on \rightarrow Man	(D) Sun \rightarrow Plant \rightarrow Insec	$t \rightarrow Man$
53.	Many food chains form a			
	(A) Bigger food chain	(B) Food net	(C) Food space	(D) Food web
54.	Following is an incomple	te food chain:		
	$Grass \rightarrow ? \rightarrow Jackal \rightarrow t$	iger. The choice for the co	rrect answer will be	
	(A) Lion	(B) Deer	(C) Rat	(D) Cockroach
55.	The loss of energy in suc	cessive steps of energy tra	nsfer is aproximately	
	(A) 20%	(B) 25%	(C) 10%	(D) 2%

56.	Sahara desert has been f	ormed by					
	(A) Disastrous climatic con	nditions	(B) Overgrazing of fields				
	(C) Uncontrolled industria	lisation	(D) All of these				
57.	Environmental planning v	vill					
	(A) reduce spoilage by ba	octeria	(B) cause more wildlife los	55			
	(C) reduce air and water	pollution	(D) None of these				
58.	Which industrial unit is he	eld responsible for the harn	n to the Taj Mahal in Area				
	(A) Indian Fertiliser Comp	bany	(B) Mathura Oil Refinery				
	(C) Madras Refineries Lin	nited	(D) Nuchem Plastics Limited				
59.	An example of aerosol sp	oray is					
	(A) Dichloro difluoro metl	nane	(B) Tetra chloromethane				
	(C) Trichloro methane		(D) Di-iododibromo metha	ane.			
60.	The full form of DDT is						
	(A) Dibromo Dichloro Tol	uene	(B) Dichloro Diphenyl Trio	chloroethane			
	(C) Difluorodichloro Terb	utaline	(D) None of these				
61.	'Biological magnification'	is related to					
	(A) Death of pelicans by I	DDT	(B) Overpopulation of tre	es			
	(C) Multiplication of bacter	eria	(D) Disposal of wastes				
62.	2. Lichens are found on hillsides under conditions where neither the alga nor the fungus can live alone. This show that the relationship between the alga and the fungus is one of						
	(A) Parasitism	(B) Saprophytism	(C) Mutualism	(D) Commensalism			
63.	During the period when t	two species occupy the sam	ne ecological niche, they ar	e			
	(A) Dependent on each o	ther	(B) Competing with each	eting with each other			
	(C) Cooperating with each	h other	(D) Not affected by each	other.			
64.	Conservation of the ecos	ystem rather than conserva	ation of a particular species	s is important because			
	(A) Food chains and food	webs are maintained	(B) Different cycles operate simultaneously				
	(C) Abiotic and biotic factor	ors operate at a given place	(D) All of the above oper	ate.			
65.	The top soil is darker and	1					
	(A) is drier than subsoil		(B) is richer in Na and Mg	3			
	(C) is wetter than subsoil		(D) contains more organie	c matter			
66.		to a relatively stable, amorr l into elements usable by p		soil microorganisms decompose			
	(A) manure	(B) peat	(C) humus	(D) green manure			
67.	Sheet erosion is due to						
	(A) fast running rivers	(B) heavy rains	(C) occasional rains	(D) wind			
68.	Which is a renewable sou	irce?					
	(A) Water	(B) Coal	(C) Fuels	(D) Minerals			
69.	A non-renewable resource	e is					
	(A) forest	(B) coal	(C) water	(D) wild life			

С	BSE : CLASS-X			
70.	Minerals and metals are			
70.	(A) biodegradable resour	ç q ç	(B) renewable	
	(C) non-renewable		(D) inexhaustible	
71.	Soil fertility is reduced by	,	(D) mexilausitole	
/1.	(A) crop rotation		(B) nitrogen fixing bacteri	2
	(C) decaying organic mat	tor	(D) intensive agriculture	a
72.			(D) Intensive agriculture	
12.	Largest amount of freshv			(D)
79	(A) lakes and streams	(B) underground	(C) polar ice and glaciers	(D) river
73.		(R) using a second	(\mathcal{O}) and tides	(D) all the channel (D)
74	(A) solar radiations	(B) wind power	(C) sea tides	(D) all the above
74.	Soil is composed of			
	(A) mineral + water + air (C) with a second base of the second		(B) mineral + organic ma	
75	(C) mineral + organic ma		(D) organic matter + wate	er
75.	Soil erosion can be preve	-		
	(A) restricted human activ	-	(B) good plant cover	
	(C) checking movement of		(D) wind screen alone	
76.		n danger of extinction, are		
	(A) endangered species		(B) vulnerable species	
	(C) threatened species		(D) rare species	
77.	A biotic community const			
= 0	(A) Populations	(B) Biomes	(C) Ecosystems	(D) Individuals
78.		s of a given area is called		
	(A) Ecosystem	(B) Biome	(C) Population	(D) Individual group
79.	Living and non-living spe	-		
	(A) Biotic community	(B) Population	(C) Ecosystem	(D) Atmosphere
80.		exhaust that causes mental		
	(A) lead	(B) NO ₂	(C) SO_2	(D) Hg
81.		ollution-related disease, whi		
		anic waste into drinking wa	ter	
	(B) accumulation of arser	-		
		vaste mercury into fishing w	vater	
	(D) oil spills into sea			
82.	World environment day i			
	(A) 5th June	(B) 28th February	(C) 5th August	(D) 28th April
83.	Eutrophication leads to d	leath of fish due to		
	(A) increased O_2 content		(B) increased algae conte	nt
	(C) decreased algae cont		(D) decreased O_2 content	
84.	The two great industrial which time?	tragedies namely, MIC and	d Chernobyl tragedies resp	ectively occurred where and at
	(A) Bhopal 1984, Ukrair	ne 1990	(B) Bhopal 1984, Ukrain	e 1988
_	(C) Bhopal 1984, Ukrair	ne 1986	(D) Bhopal 1986, Russia	1988
10	8			

85.	Ozone day is			
	(A) January 30	(B) December 25	(C) April 21	(D) September 16
86.	Formation of ozone hole	is maximum over		
	(A) India	(B) Africa	(C) Antarctica	(D) Europe
87.	Thermal pollution is mo	re prevalent near		
	(A) hot water springs		(B) coal based power pla	ants
	(C) temperate zones		(D) tropical zones	
88.	Acid rain is caused due t	o increase in concentration	n of	
	(A) SO_2 and NO_2	(B) CO and CO_2	(C) CO and SO_3	(D) Ozone and dust
89.	Ozone depletion is cause	ed by		
	(A) carbon dioxide	(B) CFCs	(C) CO	(D) SO ₂
90.	Smog is a combination o	f		
	(A) fire and water	(B) smoke and fog	(C) water and smoke	(D) air and water
91.	BOD of a pond is related	d toin per unit vol	ume of water	
	(A) all the plants		(B) all the nektons	
	(C) all the microbes		(D) all the animals	
92.	$\mathrm{NO}_{_2}$ vapours are harmfu	Il to the body because		
	(A) They produce allergy	1		
	(B) They produce respire	atory problems		
	(C) They create blood clo	ots		
	(D) None of these			
93.	Excessive contact with ir	ndustrial silicon dioxide (Si	O_2) would lead to the diseas	se called
	(A) Encephalitis	(B) Cretinism	(C) Silicosis	(D) Silaceous anaemia
94.	Why is smoking injurious	to health?		
	(A) It can casue pregnan	acy problems in smoking r	nothers.	
	(B) It can cause large sca	le air pollution		
	(C) It can be responsible	for a heart attack		
	(D) Both (A) and (B)			
95.	'Decibel' is a unit to mea	sure		
	(A) Sound depth			
	(B) Sound intensity			
	(C) Sound wavelength			
	(D) All of these			
96.	Noise pollution can be p	-		
	(A) Stopping the blowing			
	(B) Banning all commerce	-		
	(C) Strict vigilance on no			
	(D) Cleaning sound emit	ting parts of automobiles.		

- 97. An effective method to stop air pollution is
 - (A) Degradation of wastes causing air pollution
 - (B) Keeping the river water clean
 - (C) Keeping factories away from big cities.
 - (D) None of these
- 98. The Ganga purification project is controlled by
 - (A) Central Water Commission
 - (B) Union Public Service Commission
 - (C) Central Pollution Control Board
 - (D) Central Intelligence Agency.
- 99. Sunder Lal Bahuguna is associated with the
 - (A) Salt movement
 - (B) Green revolution
 - (C) Greenhouse effect
 - (D) Chipko movement.

Ques.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Ans.	С	А	А	D	С	D	А	А	В	А	С	D	А	В	С	В	А	В	В	В
Ques.	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
Ans.	В	А	В	В	С	В	А	В	С	С	В	D	А	А	В	А	С	В	А	В
Ques.	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
Ans.	С	А	А	В	D	В	D	D	В	В	В	В	D	В	С	А	С	В	А	В
Ques.	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
Ans.	А	С	D	D	D	С	В	А	В	С	D	С	D	С	В	А	А	С	С	А
Ques.	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	
Ans.	С	А	D	С	D	С	А	А	В	В	С	В	С	D	В	С	С	С	D	