		Candidate:(Intermediate Part-II, Class 12	th) 422 - (II)	Paper II	(Group - II)	
	OGY	Code			Marks: 17	
Time: 20 Minutes OBJECTIVE Code: 8464 Note: You have four choices for each objective type question as A, B, C and D. The choice which you think is correctly the control of the co					ou think is correct,	
Note:	fill the circles paper	s will result in zero mark in that question. Attempt as nand leave others blank.	nany questions a	s given in obje	filling two or more ective type question	
1.	1.	Blood group AB of both parents can have babies of which blood groups?				
1.		(A) A (B) B	(C) O	(D)	AB, A, B	
	2.	Primary growth in plants is caused by	(C) intercalary	meristem (D)) open meristem	
		(A) apical mension				
	3.	Neurula is the stage in which embryo has (A) blastocoel (B) germ layers	(C) heural tube	e (D)	archenterons	
	4.	The nastic movements are (A) directional (B) non-directional	(¢) spontaneo	us (D)	all of these	
	5.	Grass land without trees are called (A) prairies (B) pampas	(C) savanna	(D	rainy grassland	
	6.	Which one is not a steroid hormone? (A) oestrogen (B) cortisone	(C) testosteron	ne (D) insulin	
	7.	The paired bones of cranium are parietal and (A) occipital (B) ethmoid	(C) sphenoid	(D) temporal	
	8.	For maturation of T and B cells the enzyme required (A) GDA (B) TDA	(C) ADA	(I)) CDA	
	9.	All the food chains begin with (A) primary consumer (B) produce		y consumer (D) decomposer	
	10.	Each nephridium of earthworm opens to the exterio (A) nephrostome (B) nephridiopore	(C) anus		O) cloaca	
	11.	Pachytene is characterized by (A) crossing over (B) condensation	(C) maturati	on ((D) differentiation	
	12.	The smallest biological unit that can evolve over tin (A) cell (B) organism	(C) populat	ion	(D) species	
	13.	The principal source of energy is energy. (A) nuclear (B) solar	(C) geother	mal	(D) tidal	
	14.	Corpus leuteum secretes. (A) FSH (B) progesterone	(C) LTH	((D) LH	
	15.	(A) nerve cells (B) eye lens cells	(C) sex cell	is	(D) both (A) & (B)	
	16.	In bacteria the newly synthesized mRNA is release (A) nucleus (B) cytoplasm	(C) mitoch	ondria	(D) both (B) & (C)	
	17	the motohod?	(B) DNA pol (D) DNA liga	ymerase – PC ase – mapping 318	R human chromosomes 8-(II)-422-24000	

(b) Explain grazing in detail. Discuss ill effects of over-grazing?

(a) Demonstrate the ultrastructure of myofilaments.

(b) Describe Watson and Crick's model of DNA.

(a) How action potential is produced in a neuron? Discuss different factors involved in action potential.

(b) Explain the phenomenon of eutrophication.

(c) Explain the phenomenon of eutrophication.

(d) Explain epistasis with the help of an example.

(d) Describe the role of nucleus in development.

(d) When did Charles Darwin presented his theory "The origin of species"?

(b) When did Charles Darwin presented his theory "The origin of species"?

Highlight the main points of this theory. How was this theory modified later?

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