	b			E.
	Warning:- Please, do not write anyt	hing on this question pap	er except your Roll No.	
219	(Inter Part – II)		(Session 2015-17 to 2017-19)	
	Biology (Objective)		Paper (II)	r -
	Time Allowed:- 20 minutes	PER CODE 4465	Maximum Marks:- 17	
Note hat c result Answ white		DE which is printed on this	s question paper, on the both sides of the	
Q.1	1. Desert ecosystem of Bhakkar and Miar	nwali is		
	(A) Thar (B) Thal	(C) Cholistan	(D) Rohi	
	2. Establishment of new forests where no		/	
	(A) Afforestation (B) Reforesta	(C) Deforesta	ation (D) rolestation	
	3 Detection of change and signalling for	effector's response to co	ntrol system is	
	(A) Positive feed back (B) Negative	feed back (C) Feed bac	CK (D) Feed for ward	
	(11) 1 0011110 1000	mechani	sm mechanism	
	 Aldosterone is involved in (A) Transport of (B) Uptake of potassium ions into in Loop of kidneys 	of Henle	t of water (D) Reabsorption of water	
	5. Proteins that bind to calcium in muscle	e contraction	vosin (D) Troponin	
	(A) Actin (B) Myosin	(C) Tropomy	osin (D) Hopoinin	
	6. Action of Venus Fly trap is	(O) Hantona	sty (D) Thermonasty	
	(A) Nyctynasty (B) Photonas	sty (C) Haptona	sty (D) monitorially	
	7. Testosterone is secreted by(A) Sertoli cells (B) Interstiti	al cells (C) Germina epitheliu		
	8. All of the following are day neutral pl	lants EXCEPT.		
	(A) Pea (B) Wheat	(C) Maize	(D) Cotton	
	9 Contractile ring in cytokinesis is form	ned by		
	(A) Tubulin (B) Actin ar	nd Myosin (C) Keratin	(D) Cyclins	
	10. Trisomy of chromosome 18 is found (A) Down's syndrome (B) Patau sy	in	syndrome (D) Jacob's syndrome	
	11. The number of spinal nerves in man			
	(A) 24 (B) 62	(C) 12	(D) 31	
1000	12. Pigment free area that appear at the ti (A) Animal pole (B) Vegetal	ime of fertilization in ample (C) Yolk	phibians is (D) Grey crescent	
	13. Each Okazaki fragment is synthesize	dby	-With the second H (D) DNA polymerase III	
	(A) RNA polymerase (B) DNA p	olymerase I (C) DNA p	olymerase II (D) DNA polymerase III	
	14. Which traits are more common in ma	ale humans	nited (D) Sex influenced	
	(A) X-linked dominant (B) X-linke	d recessive (C) Sex min	Inted (D) Sen the	
	15. Polyhydroxy butyrate is (A) Antithrombin III (B) Nutra s	sweet (C) Biodeg		
		plastic		
	16. According to Endosymbiontic hypot (A) Ribosomes (B) Chloro	plasts (C) Mitoch	nondria (D) Golgi bodies	
	17. Bacteria in the root nodules fix nitro	gen and convert it into	acids (D) Ammonia	
	(A) Nitrate (B) Nitrite	(C) Amino	acids (D) Animonia	
	1002	1219 12000	(3)	

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				afning:- Please, do not write an	ything on	this que	stion paper	$\frac{\text{except your Roll No.}}{2015, 17}$		
12	219 (I	nte	Wart-				Paper (II)			
Biology (Subjective) Time Allowed: 2.40 hours								Maximum Marks: 68		
	Tin				ion		I	$8 \times 2 = 16$		
2	(i)	A Di	nswer fferenti	briefly any Eight parts from ate between ureotelic and urice	n the tol			me cell, give its function? rostatic skeleton, give example?		
	(iii)			nts respond to cold stress?		(iv)	What is Hyd	to stations in birds that help		
	(v)			synovial joints?		(vi)	them for fl	adaptations in birds that help ight.		
(vii) (ix)			Give at least two uses of PCR amplification and analysis. Differentiate between weather and climate.			(viii) (x)	Write down the average rain fall of grassland and temperate deciduous forest. What is gene pharming?			
		D	Differentiate between weather and en Define soil, give its basic constituent		s.	(xii)	What is E	utrophication?		
	(xi)	L	Answer briefly any Eight parts from the fe				gs:-	$8 \times 2 = 16$		
	3.	Т	Define	Reflex action and Reflex Arc		(ii)	Denne un	e term synapse.		
	(i) (ii)			o you know about Latent lear		(iv)		e life cycle of a BRYOPHYTE.		
	- /	,	What d	o you know about Apomixis	?	(vi)		imacteric.		
	(v) (vii)		Differe	ntiate genotype from phenoty	pe	(viii)	Define an	nd explain codominance.		
	(ix) (xi))	What	lo you know about mycorrhiz pleiotropy. Explain it with a	a.	(x) (xii)		tiate population from community. you know about plant biomass of stem.		
		example.				the followings:- $6 \times 2 = 12$				
	4.			is morulla?		(ii)	What is	hensen's node?		
	(i)			is Apoptosis?		(iv)		e the functions of mitotic apparatus.		
	(ii	1)	What	is a theory of special creation	1.	(vi)		genetic drift?		
¥ S			Wilat	entiate between template strand	and	(vii	i) What is	inversion?		
 (vii) Differentiate between template brand coding strand? (ix) Differentiate between leading and lagging strands of DNA. 										
Section 11 $(8 \times 3 = 3)$							$(8 \times 3 = 24)$			
Note: Attempt any three questions.										
it the sumbiotic relationships in organisms.										
 (b) Describe the symbolic relationary C (c) Describe the process of Transcription. (c) Describe locomotion in Paramecium. (b) Describe the process of Transcription. 										
 (a) Describe the role of pancreas as an endocrine gland. 										
(b) Write a note on green-house effect.										
8 (a) Explain female reproductive system in humans.										
 (b) Explain the genetic basis of human blood groups. (b) Write a note on embryonic induction. (c) Explain the theory of inheritance of acquired characteristics. 										
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								eristics.		
1284 1219 12000										
Sec. 1										