

FEDERAL PUBLIC SERVICE COMMISSION

COMPETITIVE EXAMINATION FOR RECRUITMENT TO POSTS IN BS-17 UNDER THE FEDERAL GOVERNMENT, 2014

ZOOLOGY, PAPER-II

Roll Number

TIME ALLOWED:		OWED:	(PART-I MCQs)	30 MINUTES	MAXIMUM MARKS: 2	20
THREE			(PART-II)	2 HOURS & 30 MINUTES	MAXIMUM MARKS: 8	30
NOTE:(i) Part-II is to be attempted on the separate Answer Book.						
(i		Attempt ONLY FOUR questions from PART-II, selecting TWO questions from each Section				
G		ALL questions carry EQUAL marks. Candidate must write Q. No. in the Answer Book in accordance with Q. No. in the Q. Par				
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(-		e crossed		potreon the unswers. The the online	ages of this wer book ind	
(v	v) E	Extra attempt of any question or any part of the attempted question will not be considered				
	<u>PART-II</u>					
				SECTION-I		
Q. No. 2.	. (2	a) Descri	be in detail the process	s of fat absorption in the small intestin	e. (10 each) (20)	
	(l		and describe the marior Pitutary glands.	jor roles of the hormones secreted	by Anterior and	
Q. No. 3.	. (2	a) Descri	be the structure and Fu	nction of Mitochondria.	(10 each) (20)	
	(l	b) Discus	ss the Fluid Mosaic Mo	odel of cell membrane.		
Q. No. 4.	. (2	(a) Explain the law of Independent Assortment with the help of suitable examples.				
	(l	b) Write	a note on Genetic Engi	neering.	(10 each) (20)	
Q. No. 5.	5. (a) Explain the composition and important roles of plasma in the human body.					
					(10 each) (20)	
	a	(b) Discuss the physiology of glomerular filtration and composition of the glomerular				
	(,	filtrate.				
				CE CEVON II		
				<u>SECTION-II</u>		
Q. No. 6. Write an essay on sources of environmental pollution and their					ts on biodiversity (20)	
	aı	nd humai	n health.			
Q. No. 7.	. (2	a) Elabor	ate the modern concep	t of natural selection with suitable exa	amples. (10 each) (20)	
	(l	o) Discus	s the Lamark's theory	of Evolution.		
Q. No. 8.			the physiologic anator ransmission.	ny of synapse. Discuss also special	characteristics of (20)	
