

FEDERAL PUBLIC SERVICE COMMISSION COMPETITIVE EXAMINATION FOR RECRUITMENT TO POSTS IN BS-17 UNDER THE FEDERAL GOVERNMENT, 2014 <u>GENERAL KNOWLEDGE, PAPER-I</u> (EVERYDAY SCIENCE)

Roll Number

Abrealine				DGE, PAPER	<u>-I</u>	
TIME ALI THREE H			ERYDAY SC 80 MINUTES 100 MINUTE	5	MAXIMUM MAR MAXIMUM MAR	
NOTE:(i) (ii) (iii)	Part-II Attempt Candida No Page be cross	is to be attempted on the ONLY FIVE question the ONLY FIVE question the must write Q. No. in e/Space be left blank ed.	ne separate Answ ns from PART-I n the Answer Bo between the ans	ver Book. I. ALL question ok in accordance wers. All the bl	as carry EQUAL marks. with Q. No. in the Q. Pap ank pages of Answer Boc	er.
			PART-	<u>II</u>		
Q. No. 2.		the contribution of A and Trigonometry.	pment of Astronomy, $(3, 3^{1/2}, 3^{1/2} \text{ each})$	(10)		
Q. No. 3.	(a) V S ⁶ (b) V (c) V (d) V	 someone far away? b) Why do we lean forward while climbing a hill? c) Why does a swimming pool appear less deep than it actually is? d) Why cannot petrol fire be extinguished by water? 				(10)
Q. No. 4.	(a) H (b) R	tiate between: Iypoglycemia and Hyp eenewable and Non-rer ava and Magma (d)	(2 each) ose and Solar Eclipse	(10)		
Q. No. 5.	•	xplain the working prin adar (I	(5 each)	(10)		
Q. No. 6.	 (a) V h (b) A w (c) T tt (d) C (e) A 	brief explanations for following phenomena: (2 each) While watching a cricket match we see the ball struck a moment before we hear the sound of the bat hitting the ball. A ship though made largely of steel, which is heavier than water, floats in water. The colour of the same cloth when seen in electric light appears different from the colour when seen in day light. Glass when heated cracks while metal does not. Although each eye perceives a separate image, we do not see everything double.				(10)
Q. No. 7.		ort NOTES on the follo	-	(b) Glob	(5 each) al Warming.	(10)
Q. No. 8.	(a) S (c) D) Diastolic and Systolic blood pressure (d) Infection and Allerg				(10)
Q. No. 9.	(a) K	xplain the function of Lidneys Thyroid gland	following in hum (b) (d)	Lymphatic s	-	(10)