

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

Roll Number

(EVERYDAY SCIENCE)						
TIME ALLOWED:		(PART-I MCQs) 80 MINUTES		MAXIMUM MARKS: 50		
THREE H NOTE:(i)		(PART-II) s to be attempted on the strength of	100 MINUTES he separate Answer	Book.	MAXIMUM MAR	KS: 50
	Candidat	ONLY FIVE question the must write Q. No. in A Space be left blank and.	n the Answer Book	in accordance with	Q. No. in the Q. Pap	
(v)		empt of any question of	or any part of the atte	empted question w	ill not be considered.	
			PART-II			
Q. No. 2.		the contribution of M and Trigonometry.	Muslim scientists in	n the developmen	at of Astronomy, $(3, 3^{1/2}, 3^{1/2} \text{ each})$	(10)
Q. No. 3.	 (a) W so (b) W (c) W (d) W 	f answers to the follow hy do we bring our meone far away? hy do we lean forward hy does a swimming p hy cannot petrol fire b hy do Australians celo	hands close to ou d while climbing a h pool appear less dee be extinguished by v	iill? p than it actually is vater?	s?	(10)
Q. No. 4.	(a) Hy (b) Re	iate between: ypoglycemia and Hyp enewable and Non-rer ava and Magma (d)	newable energy reso		(2 each) nd Solar Eclipse	(10)
Q. No. 5.	-	xplain the working prin adar (1	nciple of the followi Microwave O	-	(5 each)	(10)
Q. No. 6.	 (a) W he (b) A (c) Th (d) Gi (e) A 	f explanations for follo hile watching a crick ear the sound of the ba ship though made la ater. he colour of the same e colour when seen in lass when heated crack though each eye pe puble.	ket match we see the t hitting the ball. argely of steel, whit cloth when seen in day light. ks while metal does	ich is heavier that electric light appe not.	n water, floats in ars different from	(10)
Q. No. 7.		ort NOTES on the follo	-	(b) Global W	(5 each) arming.	(10)
Q. No. 8.	(a) Sr (c) Di	iate between: nog and Smoke iastolic and Systolic b onductors and Insulate	lood pressure (d)	Radiotherapy and Infection and Alle	- ·	(10)
Q. No. 9.	(a) Ki	xplain the function of t idneys nyroid gland	following in human (b) (d)	body: Lymphatic system Pituitary gland	(2 ^{1/2} each) m	(10)