

Questions JEE Main Crash Course

1.	In a class of 5 have passed, a		dents, 10 have	failed	and their aver	rage m	narks are 28. Th	ne tota	l marks obtain	ed by	the entire clas	s are	2800. The aver	rage n	narks of those	who	
	(1) 43 (3) 63							(2) (4)	53 nathongo 70								
2.	In ten observa	tions	the mean of a	11 10 1	numbers is 15.	the m	nean of the first	t six ob	servations is	16 an	d the mean of t	he las	st five observat	ions i	s 12. The sixth	1	
	number is																
	(1) 6							(2)	_								
	(3) 12							(4)									
3/		item	c hac arithmetic	n mea	n 6 If the arit	hmetic	mean of A of			en th	e mean of the i	emai	ning items is				
3.	(1) 6.5	псш	s nas artinnicu	linca	ii 0. II the airt	minetic	ilicali 01 4 01		5.5	ich th	ic mean of the i	Cilian	illing fictilis is				
	(3) 4.5								5.0								
111			mathonao.	111	mathonao	111	mathongo			111	mathonao.		mathongo.		mathopaa	/// n	
4.					e mean of first	four o	of these is 11, t	he me	an of the rema	ınıng	six is 16 and th	ne sur	n of squares of	allo	f these is 2000	, then	
	_	leviat	ion of this data	is:													
	(1) $2\sqrt{2}$							(2)	4 methongo								
	(3) 2							(4)	$\sqrt{2}$								
5.	The mode of t	he da	ta 8, 11, 9, 8,	11, 9	9, 7, 8, 7, 3,	2 is											
	(1) 11							(2)	9 athona								
	(3) 8							(4)									
6.		ive n	umberc ic () and	d their	r variance is 9	If th	ree of those nu	mhere	are _1 1 and	2 th	en the other two	o nun	here are				
///																	
	(1) -5 and 3																
	(3) -3 and 1							(4)	-2 and 0								
7.				5, 1			ce is 6.80. The	111			wing is a possib						
	(1) $a = 5, b$	= 2						(2)	a = 1, b = 6	3							
	(3) $a = 3, b$	=4						(4)	$a=0,\ b=7$	7							
8.			students were v marks was ca					of mar	ks was found	to be	9. Subsequentl	y, the	marks were ra	ised t	o a maximum	of 100	
	(1) 81							(2)	122								
	(1) 81 (3) 144									e ///							
///. 9.	(3) 144	///. observ	mathongo vations is 4.4 a	///. nd the	mathongo		mathongo	(4)	None of thes		mathongo		mathongo o observations				
///. 9.	(3) 144 The mean of o	///. observ		///. nd the				(4) we obse	None of thes ervations are 1		mathongo nd 6 find the oth						
///. 9.	(3) 144 The mean of (1) 9, 4		vations is 4.4 a		e variance is 8.	.24. If	three of the fiv	(4) ve obse (2)	None of thes ervations are 1 2, 11	, 2 an	nd 6 find the otl		o observations				
	(3) 144 The mean of (1) 9, 4 (3) 7, 6		vations is 4.4 a		e variance is 8.	.24. If	three of the five	(4) we obse (2) (4)	None of theservations are 1 2, 11 5, 8	, 2 an							
	(3) 144 The mean of (1) 9, 4 (3) 7, 6 If the different		vations is 4.4 a		e variance is 8.	.24. If	three of the five	(4) ve obse (2) (4) ean and	None of these revations are 1 2, 11 5, 8 hongo	, 2 an	nd 6 find the otl		o observations				
10.	(3) 144 (3) 7, 6 (3) 7, 6 (1) 189	ce be	wations is 4.4 a mathongo tween mean an	d moe	mathongo de is 63, the di	.24. If	three of the five mathongo ace between me	(4) ve obse (2) (4) ean and (2)	None of these ervations are 1 2, 11 5, 8 hongo	, 2 an	nd 6 find the oth	ner tw	o observations	///.			
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