### question sheet IP-MMM-01 Info. & Prob. – data mode, median, mean, range

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1. Using the data set 4, 5, 5, 2, 8, 3, 9, 2, 1, 3, 5

find: (a) the mean (answer to 2 d.p.) (b) the median (c) the mode (d) the range

34, 101, 232, 98, 63, 319, 105, 81, 14, 105, 397 2. Using the data set

find: (a) the mean (answer to 2 d.p.) (b) the median (c) the mode (d) the range

3. A student takes five examinations and gains the following percentage points for each.

67% 39% 58% 88% 91%

- (a) What is the median mark?
- (b) What is the average mark? (answer to 2 d.p.)(c) What is the range of marks?

The student takes two more examinations and gains marks of 66% and 36%.

- (d) What is the new average mark? (answer to 2 d.p.)
- (e) What is the new median mark?
- (f) What is the new range of marks?

4. Nine eggs have weights(g) as follows:

## 45, 55, 49, 55, 45, 53, 56, 43, 55

- (a) What is the median egg weight?
- (b) What is the average egg weight? (answer to 2 d.p.)
- (c) What is the range of egg weights?
- (d) What is the mode of egg weights?

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0 <b>r.com∼G</b> 2. (a) 140.82 (t	<b>ICSE N</b> 5) 101	<b>1aths</b> (c) 105	<b>Tutor</b> (d) 383			
athStutor 3. (a) 67% (	b) 68.60%	<b>JGCS</b> (c) 52%	(d) 63.57%	<b>S Tut</b> (e) 66%	(f) 55%	
CS 4. (a) 53g (h) (	b) 50.67	(c) 13g	(d) 55g			
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