Topic Test 3 – 10 Minutes

1   Fred measured the height of 10 of his workmates in metres.

1.53   1.49   1.53   1.65   1.68   1.59   1.72   1.45   1.68   1.70

Calculate the mean height.

[2 marks]

Answer _____ m

2   The table below shows how many cups of coffee the staff in an office had in one day at work.

Cups of coffee	Frequency
0	4
1	7
2	15
3	10
4	16

Write down the mode.

[1 mark]

Answer _____

3   The table shows the times Peter takes to get home from school over a term.

Time (t) in minutes	Frequency		
10 ≤ t < 12	7		
12 ≤ t < 14	7		
14 ≤ t < 16	17		
16 ≤ t < 18	25		
18 ≤ t < 20	11		
20 ≤ t < 22	3		

3 **(a)** Estimate the mean time taken.

[4 marks]

Answer _____ minutes

3 **(b)** Find the modal class.

[1 mark]

Answer _____

3 **(c)** Find the class interval containing the median time.

[2 marks]

Answer _____