

The graph shows the relationship between the weight applied to a spring and the extension it causes. The y-axis represents Weight in N, ranging from 0.0 to 10.0. The x-axis represents Extension in cm, ranging from 0 to 20. The curve starts at the origin (0,0) and increases with a decreasing gradient, indicating that the spring is stiffer as it is extended further.

Extension in cm	Weight in N
0	0.0
2.5	2.5
5.0	3.5
7.5	4.0
10.0	5.0
12.5	6.0
15.0	7.0
17.5	8.5
20.0	10.0

Total for Question 10 = 9 marks