Practice exam answers

1. 16.9m
2. aμk=0.328
3. μk=0.466
4. Vmax=26.2 m/s
5. X=0.131 (the answer may come out negative, this is just the depression of the spring)
6. Vi=0.299 m/s
7. A=3.57m/s^2, T= 26.77N