

Team Name:

Machines C - MLSO 2021

Team Number:

Section A (60 points)

1. _____ 2. _____ 3. _____ 4. _____ 5. _____

6. _____ 7. _____ 8. _____ 9. _____ 10. _____

11. _____ 12. _____ 13. _____ 14. _____ 15. _____

16. _____ 17. _____ 18. _____ 19. _____ 20. _____

21. _____ 22. _____ 23. _____ 24. _____ 25. _____

26. _____ 27. _____ 28. _____ 29. _____ 30. _____

Section B (90 points)

1. (a) _____

(b) _____

(c) i. _____

ii. _____

iii. _____

iv. _____

v. _____

2. (a) i. _____

ii. _____

iii. _____ cm

(b) i. _____

ii. _____

iii. _____

iv. _____ s

v. _____ cm

(c) i. _____

ii. _____ cm

iii. _____ cm

3. Space given on the following page.

4. (a) _____

(b) _____ m s^{-2}

(c) _____ kg _____ kg

(d) _____ N

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3.