PART ONE

1. D
2. B
3. F
4. G
5. C
6. A
7. C
8. E
9. B
10. A
11. G
12. F
13. C
14. D

PART TWO

46. 24 mm

47. 2.4 cm

48. .024

49. 12 cm

50. .012 cm

51. 17 cm

52. .17 m

53. .436 m

54. 12,000 mg

55. 3,000,000 m

56. 2.5 mL

57. .0015 cm

58. 4.500 km

PART THREE

1. Average speed
2. Km/hr to Austin
3. Constant speed
4. Displacement
5. Acceleration
6. Meters
7. Seconds
8. m/s2
9. m/s
10. average speed
11. acceleration
12. mass
13. momentum
14. force
15. velocity
16. 125 m/s
17. 195 km
18. 2 m/s2
19. 50 m/s2

PART FOUR

1. Force
2. Inertia
3. Net force
4. 200 N left
5. 5 N left
6. 2 N right
7. 2.45 N
8. 30 N
9. 15 g
10. 200 N

PART FIVE

1. 200,000 J
2. 24.5 m/s2
3. 13.23 J
4. 220500 J
5. 35.7 m