ANSWERS FOR 6th CLASS 3rd – 5th JUNE

MATHS

Topic 26: Weight

Page 160 B. 1. e.g. some boxing events, some rugby positions 2. e.g. horse racing, long distance running C.

Page 161 A. 1. (a) 4kg 238g (b) 2kg 117g (c) 8kg 515g (d) 6kg 159g 3. (a) 7kg 800g (b) 7kg 80g (c) 7kg 8g (d) 9kg 100g B. 1. (a) 4.369kg (b) 1.775kg (c) 8.115kg (d) 2.671kg 3. (a) 5.75kg (b) 3.7kg (c) 8.09kg (d) 6.003kg C. 1.(a) 1 4kg (c) 9 10kg (e) 2 5kg (g) 1 8kg (i) 1 40kg (k) 3 25kg 2.(a) 31 2kg (c) 8 3 10kg (e) 3 2 25kg (g) 8 7 20kg (i) 42 5kg (k) 4 3 40kg 3. 4kg 700g/4.080kg/3kg 870g/8kg 75g 4. 70.009kg is the lightest (but not by much!)

Page 162 A. 1. (a) 5.719kg (c) 6.655kg (e) 4.558kg 2. (a) 6.2kg (c) 10.015kg (e) 4.979kg B. 1. yes 2. 16.44kg C. 1. 775g 2. 210g 3. 454g 4. 995g 5. 492g

Page 163 A. 1. (a) 12.954kg (c) 146.74kg (e) 16.874kg 2. (a) 0.539kg (c) 0.675kg (e) 0.159kg C. 1. 3.5kg 2. n/a 3.(a) 500kg (b) 250kg (c) 300kg (d) 30kg (e) 3kg 4. 5 trips D. Trip A 400+350 Trip B 700+50 Trip C 250+250+250 Trip D 300+300+150

Page 164 B. 1. 4.56kg 4.562kg 4.652kg 2. 4.008kg 4.09kg 4.7kg 3. 0.033kg 0.13kg 0.131kg 4. 1.055kg 1.15kg 1.51kg 5. 4 7 1000kg 4 7 100kg 4 7 10kg 6. 31 5kg 3 6 25kg 3.25kg C. 1. (a) yes (b) 250kg (c) no 2. (a) no (b) 750g too heavy (c) no (d) yes (e) yes D. 1. lighter 2. lighter 3. heavier 4. equal (heavier if bottle is included) E. 1.lower 2. 5g 3. 30g