**Fiji Mathematics Team Competition– National Final**

**YEAR 6- 2015**

Y6/1 A certain animal in the zoo has consumed 39 kilogram of food in six days. If it continues to eat at the same rate, in how many more days will its total consumption be 91 kilogram?

Y6/2 Tom runs 3/4 of an hour every Monday, 30 minutes every Tuesday, half an hour every Wednesday, 1 1/4 hours every Thursday and 2/3 of an hour on Friday.

Calculate the average time that Tom runs from Monday to Friday?

Y6/3 1/3 is 1/8 of what number?

Y6/4 If it takes a car racer 15 mins to travel a distance of 30 km. What distance would it cover in 25mins?

Y6/5 If the 1st of January is on a Thursday, than on which day would the month of January end?

Y6/6 If of a number is equal to 30, what is the number?

Y6/7 ÷ =

Y6/8 Tim's math class starts at 11:05 A.M. and lasts for 1 hour and 35 minutes. After

Math class, Tim has recess for 35 mins. What time does Tim's recess end? Express the time as am or pm .

Y6/9 Sera started work at 09 35 hours and finished it 7 hours later. At what time did Sera finish work?

Y6/10 A number is only 25 % of another. If their difference is 45, what is the value of the larger number?

Y6/11 An Isosceles triangle has an area of 45cm2 and a perimeter of 25cm. If the length of the two equal sides of the triangle is 8cm each, what is its height?

Y6/12 The sum of two numbers is 32. What is the greatest possible product of the

two numbers?

Y6/13 A 10 kg bag of sugar costs $11.00. At the same rate how much should a 500g of sugar cost?

Y6/14 Legend says that Paul Bunyan, the giant logger, weighed 100 kg at the age of

two weeks. A two-week-old baby boy can weigh 8 kg and measure 62 cm in length. Based on that, what would Paul’s length be?

Y6/15 The scouters from Yasa primary school went hiking. They followed the

Monasavu Trail 7 kilometers to reach the river. They walked another 1 kilometers, to reach the campground. While hiking the trail, most scouters stopped for a rest at the Botanical Garden, which was about 4 kilometers from the beginning of the trail. How far is the Garden from the Campground?

Y6/16 If a snail travels 3 mm in 5 minutes, how far will it travel in half an hour?

Y6/17 Aliti read Chapter 5 of Exciting Math Bedtime Stories to Grace. Chapter 5 started at the top of page 231 and ended at the bottom of page 301. How many even -numbered pages did Aliti read?

Y6/18 In a class there are 30 students.

21 students like Maths; 16 students like English; 6 students don't like Maths or English

How many students like both Maths and English?

Y6/19 A plank measures 1metre 50 centimeters. I cut off 2/5 of the plank. What length of the plank has not been cut?

Y6/20 Arthur has 12 more mangoes than Margaret. If they have 28 mangoes altogether, find the number of mangoes Arthur has?

Tie Breaker:

Y6/21 Solve the equation: ( \_\_\_\_\_+ 207 ) x 7 = 3941

Y6/22 I have 10 meters of material. I need to cut lengths of 30 centimetres. After I have done that how much of the material will be left over?