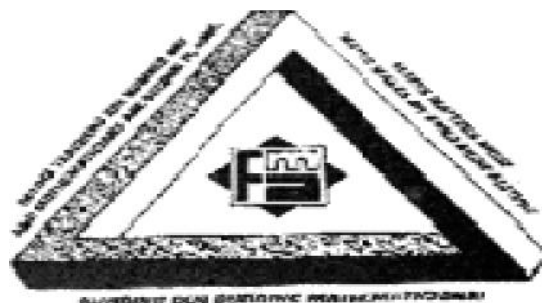


FIJI MATHEMATICS ASSOCIATION



FIJI MATHEMATICS COMPETITION

(FMC)

CLASS 7

Thursday 11th July 2013

Time Allowed: 1 Hour 15 minutes

Note:

Calculators are NOT permitted.

Diagrams are NOT drawn to scale.

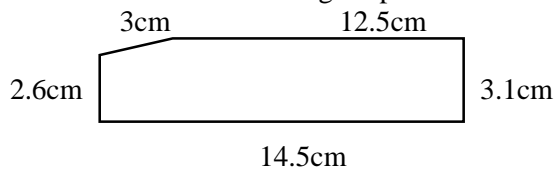
Instructions:

1. Print your **Name, School Name** and **Class** clearly in the space provided on the answer sheet.
2. Shade the circle corresponding to your answer with pencil on the answer sheet provided.
3. Multiple answers **will not be** accepted.

1. Susan drew five shapes on the blackboard. Which of the following shape she drew was not a quadrilateral?
 A. kite B. triangle C. rhombus D. arrowhead E. square
2. A fraction which has a numerator more than the denominator is called _____ fraction?
 A. proper B. improper C. Mixed D. decimal E. Equivalent
3. What is the standard form of six million, three hundred eighteen thousand and forty five?
 A. 603, 018,045 B. 60318,045 C. 6318,405 D. 6318,045 E. 631,845
4. 7,351,426 rounded off to the nearest hundred thousand will be
 A. 7,400,000 B. 7,000,000 C. 7,300,000 D. 8,000,000 E. 7,350,000
5. \$430 has to be shared among John, Pita and Kim. What will be Kim's share if John receives 0.3 of the money and Pita gets twice as John?
 A. \$129 B. \$301 C. \$258 D. \$43 E. \$172
6. A total of \$1060 was collected from 100 members of a golf club. Each member contributed equally. How much each member contributed?
 A. \$1.60 B. \$10.60 C. \$106.00 D. \$1060.00 E. \$1.06
7. Manua wants to plant 6 trees equally spaced along his 30m driveway. What will be the distance between each tree?
 A. 5m B. 6m C. 3m D. 10m E. 0.6m
8. What is the speed of the truck which travelled 336 km in 4 hours?

 A. 1344km/h B. 33.6km/h C. 84km/h D. 82km/h E. 80km/h
9. A town council wants to put up street lights at every 12 meters along 1.26km stretch. How many lights will be needed?
 A. 10 lights B. 11 lights C. 15 lights D. 105 lights E. 106 lights
10. Some class 7 students collected 768 juice cans to recycle. They packed cans in boxes of 24. How many boxes will be needed?
 A. 40 boxes B. 36 boxes C. 32 boxes D. 18864 boxes E. 24 boxes

11. Kiara drew and labeled the following shape. What would be the total perimeter?



- A. 35.5 cm B. 35.5cm² C. 35.7 cm D. 35.7cm² E. 35.7 m²

12. A recipe calls for $\frac{3}{4}$ cup of granulated sugar and $\frac{1}{12}$ cup of powdered sugar. How much sugar is in the recipe?

- A. $1\frac{5}{12}$ B. $\frac{5}{12}$ C. $\frac{5}{7}$ D. $\frac{1}{12}$ E. $\frac{6}{12}$

13. Which of the following shows the correct decimal value of $\frac{30}{1000}$?

- A. 30.00 B. 000.3 C. 0.30 D. 0.003 E. 0.03

14. One number is 7 more than another number. Find the missing number.

x	3	7	9	12	18
y	10	14	16	19	?

- A. 20 B. 25 C. 26 D. 11 E. 32

15. Which number in 832,549 has been given the place value of ten thousand?

- A. 8 B. 3 C. 2 D. 5 E. 4

16. Dubai is 8 hours ahead of Fiji. What is the actual time in Fiji if its 20:00 hrs. in Dubai?

- A. 09:00pm B. 09:00am C. 12:00 am D. 12:00pm E. 08:00am

17. Mere wrote the following numbers. 65, 69, 73, 77, 81, _____. What would be next number in the given number sequence?

- A. 82 B. 85 C. 88 D. 91 E. 94

18. A car dealer buys a car for \$4500 and later sells it gaining 20% on the deal. What is his selling price?

- A. \$3600 B. \$900 C. \$4520 D. \$4500 E. \$5400

19. What would be the arrival time if Maika starts his 45 minutes journey at 9.55am?

- A. 10:45am B. 10:40am C. 10:45pm D. 10:40pm E. 10:00am

20. A classroom floor is rectangular and measure 7250cm². How many tiles will be needed to cover the floor if each tile is 25cm²?

- A. 290 B. 29 C. 710 D. 72.50 E. 250

21. Calculate the 10% basic tax on \$1820 salary?

- A. \$180 B. \$182 C. \$18 D. \$18.20 E. \$1820

22. Calculate the selling price of the TV given below.



- A. \$518.40 B. \$86.40 C. \$345.60 D. \$864.00 E. \$51.84

23. How much profit will Noa make if he buys a boat for \$1287 and sells it for \$1320?

- A. \$330.00 B. \$3.30 C. \$33.00 D. \$33.30 E. \$330.30

24. At the beginning of the journey, Jennifa's car speedometer read 67845 kilometers. After round the island trip, the speedometer read 68982 kilometers. What was the distance travelled by the car?

- A. 37 B. 137 C. 1137 D. 136827 E. 6827

25. If the date of first Sunday in the month of March is 7th, what would be the date on 3rd Sunday in March?

- A. 24th B 14th C. 20th D. 21st E. 28th

26. Tania has half a dozen of each Fiji coins. How much money she have altogether?

- A. \$3.85 B. \$23.10 C. \$11.10 D. \$23.28 E. \$11.28

27. Kamna scored 70, 79, 81 and 90 in her test. What would be her average mark?

- A. 320 B. 230 C. 100 D. 90 E. 80

28. A bicycle is advertised for sale at \$249 cash or 4 monthly repayments of \$65. How much would you save by paying cash?

- A. \$11 B. \$21 C. \$31 D. \$111 E. \$184

29. A water tank holds 500 liters of water. $\frac{1}{4}$ of the water in the tank was transferred in a drum. How much water was left in the tank?

- A. 125 litres B. 500 litres C. 250 litres D. 625 litres E. 375 litres

30. Mika deposits \$45 monthly in his saving account. What would be his bank balance at the end of the year if he receives 10% interest on his savings annually?

- A. \$49.50 B. \$540 C. \$4.50 D. \$594 E. \$450