

ST. ARNOLD'S CENTRAL SCHOOL, PUNE.  
TERM 1, EXAMINATION 2017-18.  
SUBJECT: MATHEMATICS

STD:IV

MM:50

Q1. Fill in the blanks:

(6)

- a) \_\_\_\_\_ is a Prime number.
- b) The difference of 2343 from 7256 is \_\_\_\_\_.
- c) Multiplication is a process of repeated \_\_\_\_\_.
- d) Half of the circle is called its \_\_\_\_\_.
- e) A number with more than two factors is called a \_\_\_\_\_ number.
- f) Dividend is equal to Quotient x Divisor + \_\_\_\_\_.

Q2. Choose the correct option:

(6)

- a) \_\_\_\_\_  $-75432 = 0$  (75432 / 0)
- b)  $30 \times$  \_\_\_\_\_  $= 3000$  (1000 / 100)
- c) Diameter is the \_\_\_\_\_ chord of a circle. (longest / shortest)
- d) \_\_\_\_\_ is the fifth multiple of 15. (85 / 75)
- e) 20 minutes before 7:10 in the morning is \_\_\_\_\_. (7:00am / 6:50am)
- f) 2470 is divisible by 3. \_\_\_\_\_ (True / False)

Q3. Do as directed:

a. Find the factors of the following:

(2)

i) 36

ii) 80

b. Convert the following to hours:

(2)

i) 300 min

ii) 824 min

c. Find the diameters of the circles whose radii are:

(2)

i) 28 cm

ii) 13 m

d. Find the difference:

(4)

i)  $3000 - 584$

ii)  $8457 - 2863$

e. Find the product of the following:

(4)

i)  $6025 \times 30$

ii)  $432 \times 14$

f. Divide the following:

(4)

i)  $4667 \div 3$

ii)  $598 \div 15$

g. Find the sum / difference of the following:

(4)

i)  $5 \text{ hr } 45 \text{ min} + 10 \text{ hr } 35 \text{ min}$

ii)  $8 \text{ hr } 15 \text{ min} - 3 \text{ hr } 30 \text{ min}$

h. Build the factor tree for the following numbers:

(4)

a) 28

b) 56

**Q4. Application:**

(10)

a) Mrs. Sinha earns Rs.60,000 per month. Her monthly expenditure is Rs.43,276 and she saves the rest. How much is her savings?

b) The cost of one ice-cream is Rs.25.12. Find the cost of 15 ice-creams?

c) For the Annual Day, 784 trophies are to be arranged on a table. If 16 trophies are arranged in a row, how many rows of trophies will be there on the table ?

d) Neeta studies for 4 hr everyday. Calculate how many minutes she studies each day.

e) The duration of a singing competition was 55 min. If the competition got over at 6:25pm, when did it start ?

**Q5. Draw circles with the given radii:**

(2)

a) 4 cm

b) 5.5 cm