Triyog High School, Dhapashi
Half Yearly Examination, 2078

Grade: V   F.M.= 60
Sub: Mathematics   P.M = 24

Section A (Objective)

Choose the correct answer: (0.5X20=10)

1. Which property matches prime numbers?
   a. Numbers having more than 2 factors.
   b. Numbers having only 2 factors.
   c. Both of the above
   d. None of them

2. How many thousands are there in 1 lakh?
   a. One
   b. Ten
   c. One hundred
   d. One thousand

3. What type of expression is 5x+3y?
   a. Monomial
   b. Binomial
   c. Trinomial
   d. Polynomial

4. If a=5, what will be the value of 6a?
   a. 11
   b. 12
   c. 65
   d. 30

5. What is the place value of the number 2 in 546,329,830?
   a. 200
   b. 2,000
   c. 20,000
   d. 200,000

6. What is the degree value for the complete circle?
   a. 90°
   b. 180°
   c. 360°
   d. None of above

7. I am more than 90° and less than 180°. What type of angle am I?
   a. Acute angle
   b. Right angle
   c. Obtuse angle
   d. Reflex angle

8. I got 45 marks out of 50 in a Math examination. What is the percentage value?
   a. 45%
   b. 50%
   c. 90%
   d. 100%

9. Which one is equivalent to $\frac{3}{10}$?
   a. $\frac{6}{10}$
   b. $\frac{6}{20}$
   c. $\frac{3}{20}$
   d. $\frac{3}{15}$

10. If the numerator is greater than the denominator then it is ………….. fraction.
    a. Proper fraction
    b. Improper fraction
    c. Mixed fraction
    d. None of the above

11. There are 5 boys out of 8 children in the class. Represent the number of boys in fraction.
    a. $\frac{3}{8}$
    b. $\frac{5}{8}$
    c. $\frac{8}{5}$
    d. $\frac{8}{3}$

12. In $3m$, m is ………………..
    a. coefficient
    b. base
    c. Power
    d. term

13. In trinomial expressions there are .... terms.
    a. Only 1 term
    b. 2 terms
    c. 3 terms
    d. 4 or more than 4 terms

14. What is the value of straight angle?
    a. Less than 90°
    b. More than 90°, less than 180°
    c. Exactly 180°
    d. 360°

15. If $\frac{2}{5} = \frac{......}{15}$, find the missing number.
    a. 3
    b. 4
    c. 5
    d. 6

16. What is the condition to be like fractions?
    a. Numerator must be same
    b. Denominator must be same
    c. Both numerator and denominator must be same
    d. Both numerator and denominator must be different

17. Prime factorisation of 18 is ....
    a. 2 X 9
    b. 3 X 6
    c. 2 X 3 X 3
    d. 1 X 18

18. If there are 10 eggs in 1 basket, how many eggs will fit in 5 such baskets?
    a. 50
    b. 15
    c. 5
    d. 2

19. You have Rs 50. Your mom gave you Rs 20. You bought a pen for Rs. 40. How much money is left with you?

a. Rs. 110
b. Rs. 70
c. Rs. 30
d. Rs. 10

20. The price of a toy aeroplane is Rs 200 more than a toy car. If the price of a toy car is Rs 450, what will be the price of a toy aeroplane?
a. Rs. 250
b. Rs. 350
c. Rs. 550
d. Rs. 650