



**ARMY BURN HALL COLLEGE FOR GIRLS ABBOTTABAD**  
**ENTRANCE- EXAM 2024**

**CLASS/ VI**  
**TIME: 1 hr.**

**SUBJECT: MATHS**  
**MAX MARKS: /50**

**NAME:** \_\_\_\_\_

Q.No	1	2	3	Total
Marks	10	30	10	50
Marks Obt				

**SECTION A**

**Q.1: Fill in the blanks. (10)**

1. The L.C.M of two or more than two numbers which have no common factors is always \_\_\_\_\_
2. There are \_\_\_\_\_ months in  $\frac{3}{4}$  year.
3. 20% of 540 is \_\_\_\_\_
4. Decimal is a special type of fraction in which the value of denominator is \_\_\_\_\_ 100 or 1000
5. 107 cm = \_\_\_\_\_ m
6. 12 months 7 days = \_\_\_\_\_ days
7. A triangle in which two sides are equal is called \_\_\_\_\_ triangle.
8. An angle greater than  $180^\circ$  but less than  $360^\circ$  is called \_\_\_\_\_ angle.
9. Area of square = \_\_\_\_\_
10. Perimeter of rectangle = \_\_\_\_\_

**Section B**

**Q.2: Attempt any 6 parts (6x5=30)**

1. Solve
  - a.  $78543 \times 49$
  - b.  $56780 \div 20$
2. a. Find the HCF of 34, 38, 62  
b. Find the LCM of 45, 90, 135
3. An electrician has  $7\frac{8}{9}$  meters of wire, if he uses  $\frac{2}{9}$  meters and  $2\frac{1}{3}$  meters in two rooms calculate how much wire does he have left.
4. Solve
  - a.  $\frac{3}{4} \times \frac{14}{18}$
  - b.  $2\frac{5}{6} \div 4\frac{2}{9}$
5. Saad ran 5.13 kilometres on first day and 2.33 kilometres on second day. Find the total distance he covered in both days.
6. 12% of apples in a basket are red. Write this percentage in fraction and decimal.
7. 19 pairs of shoes cost Rs 23.750. What will be the price of 65 such pairs.

**Section C**

**Q.3: Attempt any two questions (2 x 5=10)**

1. Draw and define
  - a. acute angle
  - b. reflex angle
2. a. Construct a triangle ABC in which  $\angle A = 75^\circ$  AB = 4cm and  $\angle B = 55^\circ$   
b. Find the complement of  $20^\circ$
3. A rectangular shaped ground has a length of 122 metres and width 108 m. Find the area of ground.