I. Choose the correct answer for the following: 

1. The rational number midway between $\frac{1}{2}$ and $\frac{3}{4}$ is $\frac{5}{8}$. 
   
   (a) $\frac{1}{3}$   
   (b) $\frac{2}{3}$ 
   (c) $\frac{5}{8}$  
   (d) $\frac{5}{4}$ 

2. The standard form of 0.52 is $5.2 \times 10^{-1}$. 
   
   (a) $5.2 \times 10^1$  
   (b) $5.2 \times 10^{-1}$ 
   (c) 5.2  
   (d) $5.2 \times 10^{-2}$ 

3. Three angles of a quadrilateral are $50^0$, $90^0$ and $110^0$. Then the fourth angle is $120^0$. 
   
   (a) $90^0$  
   (b) $100^0$  
   (c) $110^0$  
   (d) $120^0$ 

II. Do as directed: 

1. The sides of a rectangle are in the ratio 2:3. If the perimeter is 80cm, find its sides. 

2. Find four rational numbers between $-\frac{1}{3}$ and $\frac{5}{4}$. 

3. Find the value of ‘p’, if $\left(\frac{7}{3}\right)^{2p+4} \div \left(\frac{7}{3}\right)^5 = \left(\frac{7}{3}\right)^{p+2}$. 

4. In the figure given below, OPQR is a parallelogram. Find the values of ‘a’ and ‘b’.

\[ \text{Diagram of a parallelogram OPQR with angles and sides marked.} \]
III. Solve the following:- (3X3=9)

1. \(\frac{2}{7}\) th of a fuel tank of a car is empty. If the total capacity of the fuel tank is \(138\frac{3}{5}\) litres, find how many litres of fuel is left in the fuel tank?

2. Find the number of sides of a regular polygon if each interior angle measures \(170^0\).

3. The mass of the Earth is \(5.976 \times 10^{24}\) kg and the mass of the Sun is \(1.98892 \times 10^{30}\) kg. Find the sum of their masses.