



### Model (1)

#### Science

1. The coil in the electromagnet is made up of isolated wire from .....
- a) Copper      b) Iron      c) Aluminium      d) Carbon
2. Glass prism splits sunlight into ..... colours.
- a) 4      b) 5      c) 6      d) 7
3. We can separate coffee from water by .....
- a) evaporation      b) filtration      c) attraction      d) separating funnel
4. One examples of saprophytes is .....
- a) fungi      b) rabbit      c) plant      d) lion


#### Maths

- 1)  $25 \div 0.5 = \dots\dots\dots$
- a) 50      b) 5      c) 0.5      d) 0.05
- 2)  $\frac{1}{4} > \dots\dots\dots$
- a)  $\frac{1}{2}$       b)  $\frac{1}{3}$       c)  $\frac{1}{6}$       d) 1
- 3) If  $4 \in \{2, x, 3\}$ , then :  $x = \dots\dots\dots$
- a) 2      b) 3      c) 4      d) 5
- 4) The chord which passes through the center of a circle is called .....
- a) height      b) diameter      c) radius      d) side
- 5) The number of altitudes of an obtuse angled-triangle = .....
- a) 1      b) 2      c) 3      d) zero
- 6)  $xy - xy = \dots\dots\dots$
- a) zero      b) x      c) xy      d) y
- 7) A box contains 20 balls, 5 of them are blue and the rest are red. If a ball is drawn randomly, then the probability of the drawn ball to be red = .....
- a) 0.25      b) 0.75      c) 0.5      d) 0.4




### Model (2)

#### Science

1. Mixing red light with blue light produces ..... light.

- a) yellow      b) magenta      c) cyan      d) green

2. The compass contains ..... magnet that moves freely.

- a) heavy and big      b) small and light  
c) medium and heavy      d) big and light

3. Solvent in mixture of chocolate mixture and milk is .....

- a) chocolate      b) milk      c) water      d) sugar

4. From the extinct organisms due to natural changes in the environment is/are .....

- a) lion      b) insects      c) rat      d) dinosaurs


#### Maths

1) If  $\{x,5\} = \{6,5\}$ , then  $x =$  .....

- a) 5      b) 6      c) 7      d) 8

2)  $678 \div 100 = 67.8 \div$  .....

- a) 10      b) 100      c) 1000      d) 10000

3)  $56.63 \approx$  ..... to the nearest tenth.

- a) 56.6      b) 56.7      c) 56.4      d) 56.3

4)  $4.567 \times$  ..... = 456.7

- a) 1      b) 10      c) 100      d) 1000

5)  $\{6,1\} \cup \{8,6\} =$  .....

- a)  $\{8,6\}$       b)  $\{8,6,1\}$       c)  $\{8,1\}$       d)  $\{6\}$

6) The probability of an impossible event = .....

- a)  $\frac{1}{2}$       b)  $\frac{1}{3}$       c) zero      d) 1

7) In a circle, the chord that passes through its center is called .....

- a) diameter      b) radius      c) parallel      d) height


**Model (3)**

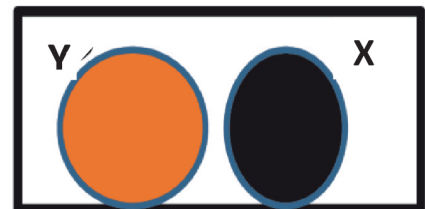
- From the magnetic materials is .....  
a) Copper      b) Iron      c) Cobalt      d) Nickel
- The glass prism splits sunlight into ..... colours.  
a) 4      b) 5      c) 6      d) 7
- We can separate ground coffee from water by .....  
a) evaporation      b) filtration      c) attraction      d) separating funnel
- From the examples of saprophytes is .....  
a) fungi      b) rabbit      c) plant      d) lion


**Maths**

- $\{0\}$  .....  $\emptyset$   
a)  $\in$       b)  $\notin$       c)  $\subset$       d)  $\not\subset$
- $123.45 \div 1000 =$  .....  
a) 124.45      b) 1.2345      c) 0.12345      d) 123.45
- $45 \times 1.23 = 4.5 \times$  .....  
a) 12.3      b) 1.23      c) 123      d) 0.123
- The shaded part of the opposite figure represents .....  
a)  $y - x$       b)  $x \cup y$       c)  $x - y$       d)  $x \cap y$


- The probability of sure event = .....

- a)  $\frac{1}{2}$       b)  $\frac{1}{3}$       c) zero      d) 1



- The line segment join between the center of the circle and any point on the circle is called .....

- a) diameter      b) radius      c) height      d) chord

- The number of altitudes of the right-angled triangle = .....

- a) 1      b) 2      c) 3      d) zero