

**Course  
&  
Test Series**

 **CBSE**

 **ICSE**

 **NTSE**

 **Banking &  
Insurance**

 **Central Govt.  
Service**

 **State Govt.  
Services**

 **LAW  
Entrance**

 **MBA  
Entrance**

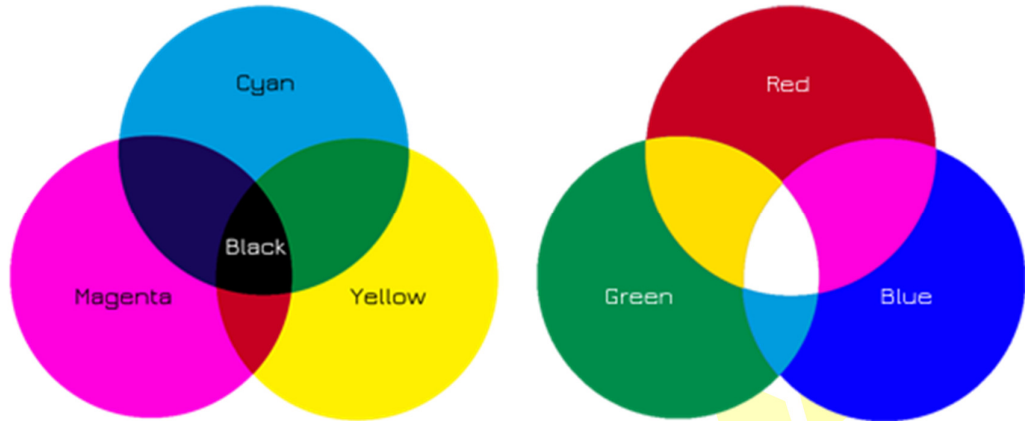
 **Railways & Metro  
Services**

**...many more**

**abhyasonline.in**

**Self-Made Assignment - Adobe Photoshop**

**Image Basics - Color Modes and Resolution**



**1. Create a New Document**

- File → New → Set dimensions (e.g., 800x400 pixels) and a white background.

**2. Create Three Overlapping Circles**

- Use the **Ellipse Tool (U)**, hold **Shift** to draw perfect circles.
- Make **three circles** with the following **fill colors**:
- Cyan: #00FFFF
- Magenta: #FF00FF
- Yellow: #FFFF00
- Arrange them so they overlap in the center.

**3. Change Blending Mode**

- Select all 3 circle layers.
- Set the **Blending Mode to Multiply** (in the Layers panel). This will simulate subtractive color mixing:
- Cyan + Yellow = Green
- Magenta + Cyan = Blue
- Magenta + Yellow = Red
- All three = Black

**4. Label the Sections**

- Use the **Text Tool (T)** to add labels:
- “Cyan”, “Magenta”, “Yellow”
- “Red”, “Green”, “Blue” (in overlaps)
- “Black” (center)

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5. Duplicate the Circles or Create New Ones

- Create three new overlapping circles (or duplicate the old ones and change colors).
- Fill them with:
  - Red: #FF0000
  - Green: #00FF00
  - Blue: #0000FF

6. Change Blending Mode

- Set their Blending Mode to Screen.
- Red + Green = Yellow
- Red + Blue = Magenta
- Green + Blue = Cyan
- All three = White

7. Label the Sections

- Use the Text Tool again:
  - “Red”, “Green”, “Blue”
  - “Yellow”, “Cyan”, “Magenta”
  - “White” (center)

8. Final Touches

- Align everything nicely using the Move Tool and Alignment Options.
- Add any borders or background decorations if needed.
- Save your project:
  - PSD (for future edits)
  - PNG or JPEG (for submission)

