

# **ANSWER SHEET**

## **SECTION 1 – APPLIED ARITHMETIC**

### **LENGTHS**

1. 90mm      2. 270cm      3. 3,400mm      4. 43.2cm      5. 6,500m

### **AREAS**

6.  $8,000\text{cm}^2$       7. 945mm      8.  $42,000\text{ cm}^2$       9.  $5,000,000\text{m}^2$   
Or  $8 \times 10^3\text{cms}^2$       Or  $42 \times 10^3\text{ cm}^2$       Or  $50 \times 10^5\text{ m}^2$

### **VOLUMES**

10.  $42\text{ cm}^2$       11.  $225\text{m}^3$       12. 8,600cc

## **SECTION 2 – ARITHMETIC**

1. 472      2. 1.6      3. 2,832      4. 4.6      5. 55.35  
6.  $706.5\text{cm}^2$       7. 308.4cms      8. 38.83      9.  $196250\text{cm}^3$       10.  $\frac{13}{16}$   
11. 1703.75      12.  $5\frac{5}{12}$       13. 3.6      14.  $60^0$

**SECTION 3 – MECHANICAL APTITUDE**

- |             |             |             |             |              |
|-------------|-------------|-------------|-------------|--------------|
| <b>1. B</b> | <b>2. A</b> | <b>3. B</b> | <b>4. C</b> | <b>5. A</b>  |
| <b>6. B</b> | <b>7. B</b> | <b>8. B</b> | <b>9. A</b> | <b>10. A</b> |

**SECTION 4 – SPATIAL AWARENESS**

<b>P1</b>	<b>P2</b>	<b>P3</b>	<b>P4</b>
<b>Y</b>	<b>N</b>	<b>N</b>	<b>Y</b>
<b>P5</b>	<b>P6</b>	<b>P7</b>	<b>P8</b>
<b>N</b>	<b>Y</b>	<b>N</b>	<b>Y</b>

**SECTION 5 – LOGIC OF REASONING**

- |              |              |             |                 |               |
|--------------|--------------|-------------|-----------------|---------------|
| <b>1. 45</b> | <b>2. 77</b> | <b>3. 5</b> | <b>4. 24 26</b> | <b>5. 201</b> |
|--------------|--------------|-------------|-----------------|---------------|