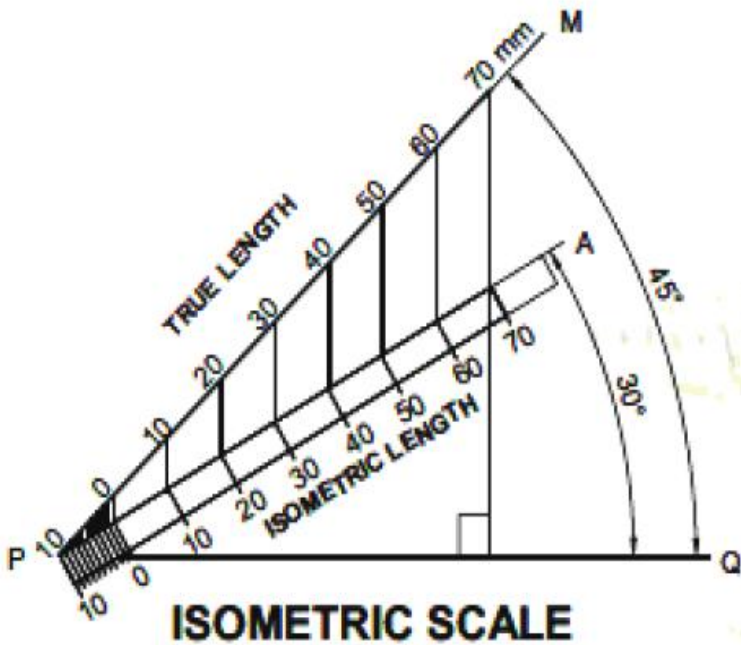
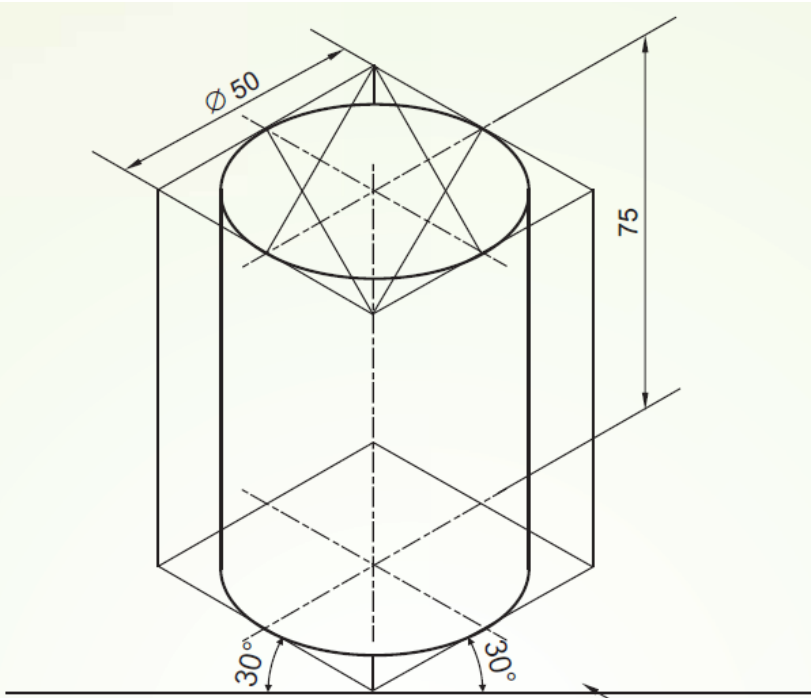
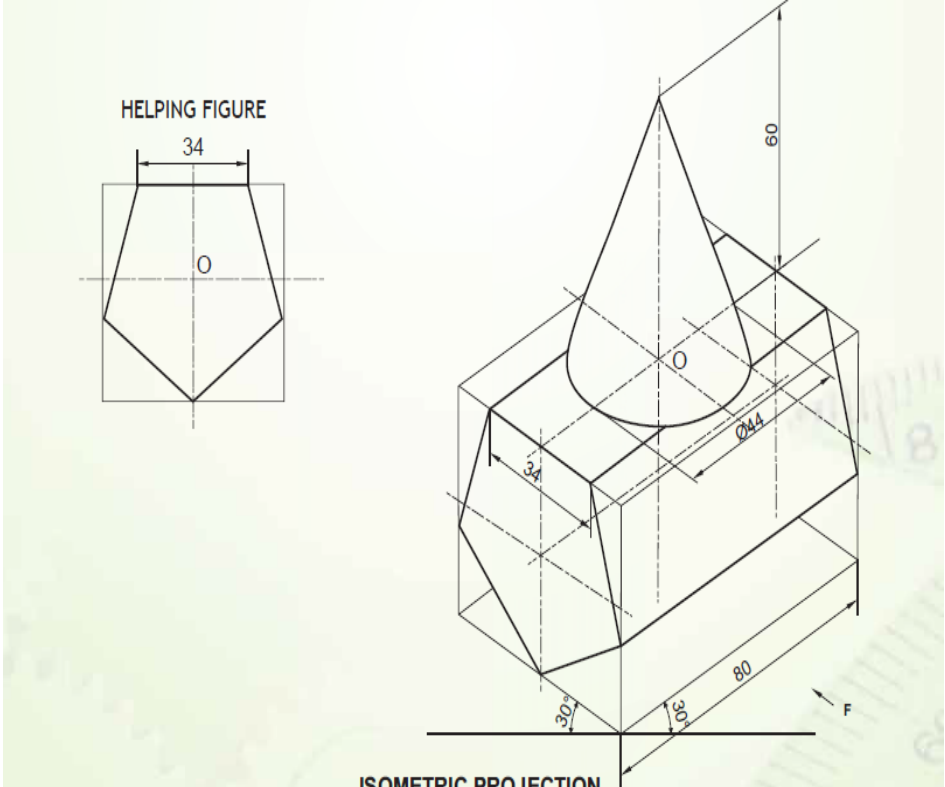
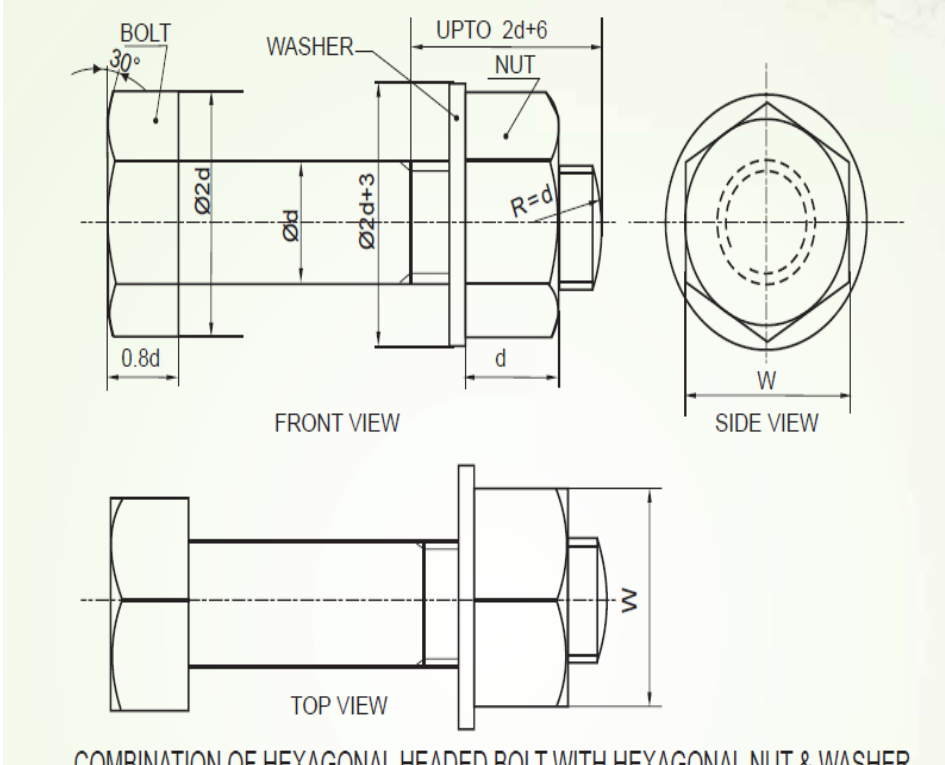
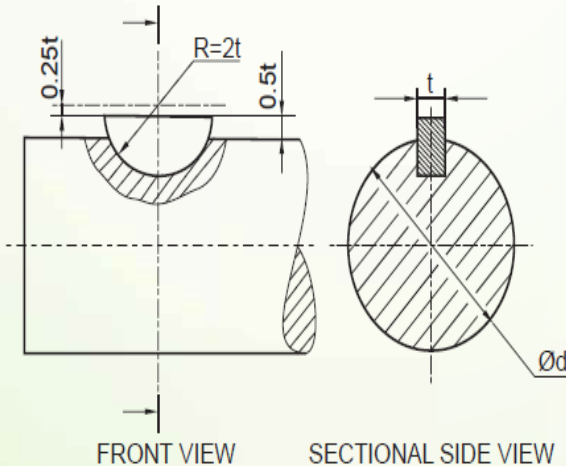


CLASS: XII	INDIAN SCHOOL MUSCAT FINAL TERM EXAMINATION	SUBJECT: EG
	SET - B	
QP.NO.	VALUE POINTS	SPLIT UP MARKS
1.	I. B II. A III. A IV. C V. B	5
2.	 <p>ISOMETRIC SCALE</p>  <p>ISOMETRIC PROJECTION F</p>	24

	 <p>HELPING FIGURE</p> <p>ISOMETRIC PROJECTION</p>	
3.	 <p>BOLT</p> <p>WASHER</p> <p>NUT</p> <p>UPTO $2d+6$</p> <p>30°</p> <p>$0.8d$</p> <p>$2d$</p> <p>d</p> <p>$2d+3$</p> <p>$R=d$</p> <p>FRONT VIEW</p> <p>SIDE VIEW</p> <p>W</p> <p>TOP VIEW</p> <p>COMBINATION OF HEXAGONAL HEADED BOLT WITH HEXAGONAL NUT & WASHER</p>	8

4.	<div><table data-bbox="1061 239 1238 672"><tr><td>d</td><td>60</td></tr><tr><td>t</td><td>10</td></tr><tr><td>0.25t</td><td>2.5</td></tr><tr><td>0.5t</td><td>5</td></tr><tr><td>2t</td><td>20</td></tr></table><p style="text-align: center;">FRONT VIEW SECTIONAL SIDE VIEW</p><p style="text-align: center;">WOODRUFF KEY WITH SHAFT</p></div>	d	60	t	10	0.25t	2.5	0.5t	5	2t	20	5
d	60											
t	10											
0.25t	2.5											
0.5t	5											
2t	20											
5.	<div><p>SOCKET AND SPIGOT COTTER JOINT (ASSEMBLY)</p><p>(i) FRONT VIEW, UPPER HALF IN SECTION</p><p>(a) Drawing the upper half portion of socket and spigot arrangement, clearance on both sides of cotter and 4mm clearance between inner walls</p><p>(b) Drawing the lower half portion of socket and spigot arrangement</p><p>(c) Drawing the cotter</p><p>(d) Drawing the hatching lines</p><p>(ii) LEFT SIDE VIEW</p><p>(a) Drawing 5 circles</p><p>(b) Drawing the hatching lines</p><p>(c) Drawing cotter</p><p>(d) cutting Plane</p></div>	28										