

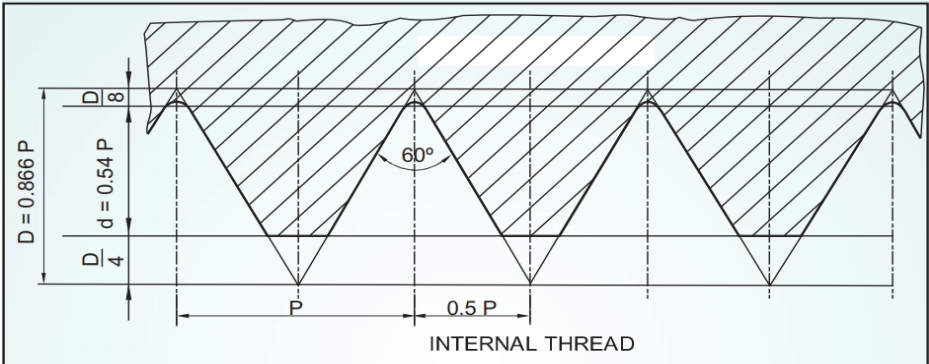
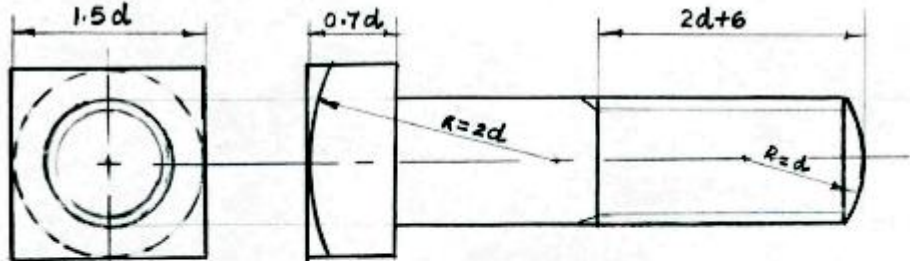
**INDIAN SCHOOL MUSCAT**  
**SECOND PERIODIC ASSESSMENT**

**MAY 2021**

**SET A**

**CLASS XII**

**Marking Scheme – ENGINEERING GRAPHICS**

Q.NO.	Answers	Marks (with split up)										
1.	<div><table border="1" data-bbox="514 968 1016 1047"><thead><tr><th>P</th><th>D=0.86P</th><th>d=0.54P</th><th>D/8</th><th>D/4</th></tr></thead><tbody><tr><td>50</td><td>43</td><td>27</td><td>5.4</td><td>10.8</td></tr></tbody></table><p>METRIC SCREW THREAD PROFILE</p></div>	P	D=0.86P	d=0.54P	D/8	D/4	50	43	27	5.4	10.8	8
P	D=0.86P	d=0.54P	D/8	D/4								
50	43	27	5.4	10.8								
2.	<div><p><u>SIDE VIEW</u>      <u>FRONT VIEW</u></p><p><u>SQUARE HEAD BOLT</u></p><table border="1" data-bbox="781 1533 1205 1617"><thead><tr><th>d</th><th>2d</th><th>0.7d</th><th>1.5d</th><th>2d+6</th></tr></thead><tbody><tr><td>20</td><td>40</td><td>14</td><td>30</td><td>46</td></tr></tbody></table></div>	d	2d	0.7d	1.5d	2d+6	20	40	14	30	46	8
d	2d	0.7d	1.5d	2d+6								
20	40	14	30	46								
3.	<div><p>a) NUT. b) CHAMFERING. c) LH THREAD. d) PRISM</p></div>	4										

