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ಕರ್ನಾಟಕ ಪ್ರೌಢ ಶಿಕ್ಷಣ ಪರೀಕ್ಷಾ ಮಂಡಳಿ, ಮಲ್ಲೇಶ್ವರಂ, ಬೆಂಗಳೂರು - 560 003

**KARNATAKA SECONDARY EDUCATION EXAMINATION BOARD, MALLESWARAM,
BANGALORE - 560 003**

ಎಸ್.ಎಸ್.ಎಲ್.ಸಿ. ಪರೀಕ್ಷೆ, ಜೂನ್ - 2018

S. S. L. C. EXAMINATION, JUNE, 2018

ಮಾದರಿ ಉತ್ತರಗಳು

MODEL ANSWERS

ದಿನಾಂಕ : 23. 06. 2018]

ಸಂಕೇತ ಸಂಖ್ಯೆ : **72**

Date : 23. 06. 2018]

CODE NO. : 72

ವಿಷಯ : ಇಂಜಿನಿಯರಿಂಗ್ ಗ್ರಾಫಿಕ್ಸ್ - 2

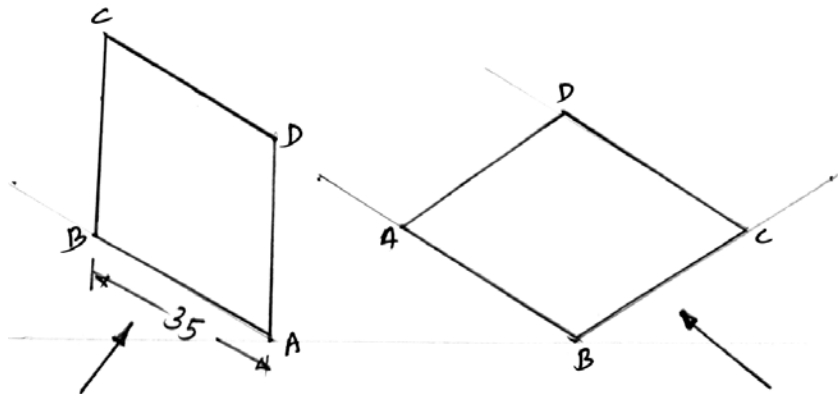
Subject : ENGINEERING GRAPHICS - 2

(ಹೊಸ ಪಠ್ಯಕ್ರಮ / New Syllabus)

(ಪುನರಾವರ್ತಿತ ಶಾಲಾ ಅಭ್ಯರ್ಥಿ / Regular Repeater)

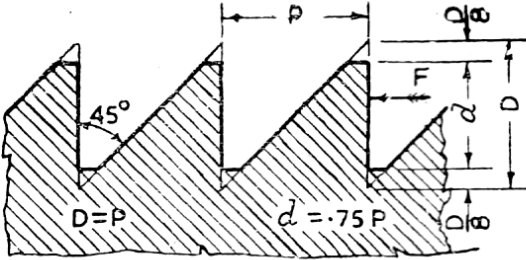
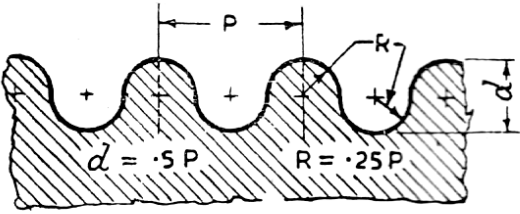
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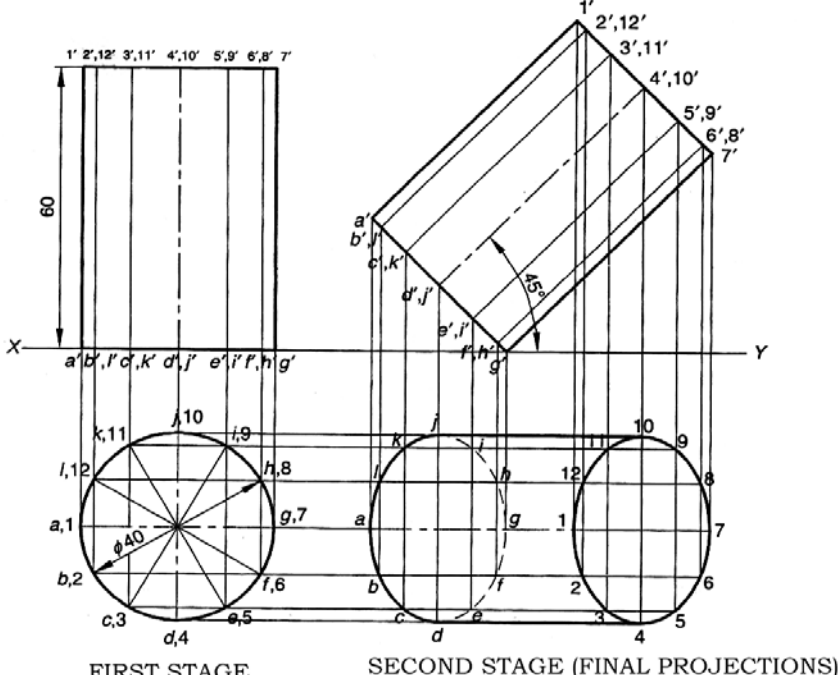
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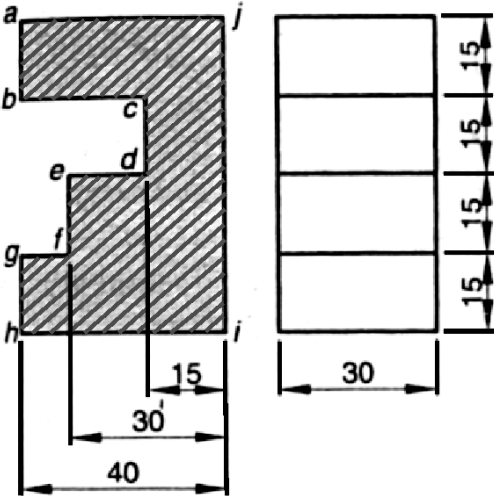
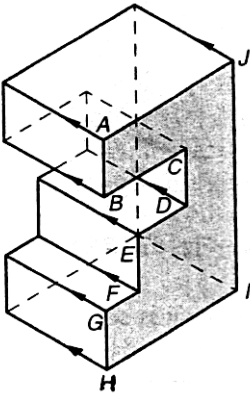
Qn. Nos.	Sub. Qn.No.	Value Points	Total
1.		<p>Draw the isometric projection of square lamina of 35 mm side when its surface placed vertical and horizontal. 5</p> <p>Ans.</p> <p><u>Square lamina</u></p> 	$2\frac{1}{2} + 2\frac{1}{2} = 5$

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Qn. Nos.	Sub. Qn.No.	Value Points	Total
2.		<p>With a neat sketch show the proportions and angle of the following threads :</p> <p>a) Buttress thread</p> <p>b) Knuckle thread.</p> <p>Ans.</p> <div style="text-align: center;">  <p>BUTTRESS THREAD</p> </div> <div style="text-align: center;">  <p>NUCKLE THREAD</p> </div>	5
			$2\frac{1}{2} + 2\frac{1}{2} = 5$

Qn. Nos.	Sub. Qn.No.	Value Points	Total
3.		<p>Draw the projections of a cylinder of 40 mm diameter and 70 mm long axis when it is lying on H.P. with axis inclined at 45° and parallel to V.P.</p> <p style="text-align: right;">10</p> <p><i>Ans.</i></p>  <p style="text-align: center;">FIRST STAGE SECOND STAGE (FINAL PROJECTIONS)</p>	<p style="text-align: right;">First stage 3 + 2 = 5</p> <p style="text-align: right;">Second stage 2 + 2 = 4</p> <p style="text-align: right;">Dimensions <u> </u> 10</p>

Qn. Nos.	Sub. Qn.No.	Value Points	Total
4.		<p>Front and left hand side views of a casting are shown in figure No. 1. Draw its isometric view.</p>  <p style="text-align: center;">Figure No. 1</p> <p>Ans.</p>  <p style="text-align: right;">Isometric view Dimensions</p>	<p style="text-align: center;">8 <hr style="width: 20px; margin: 0 auto;"/>2 <hr style="width: 20px; margin: 0 auto;"/>10</p>

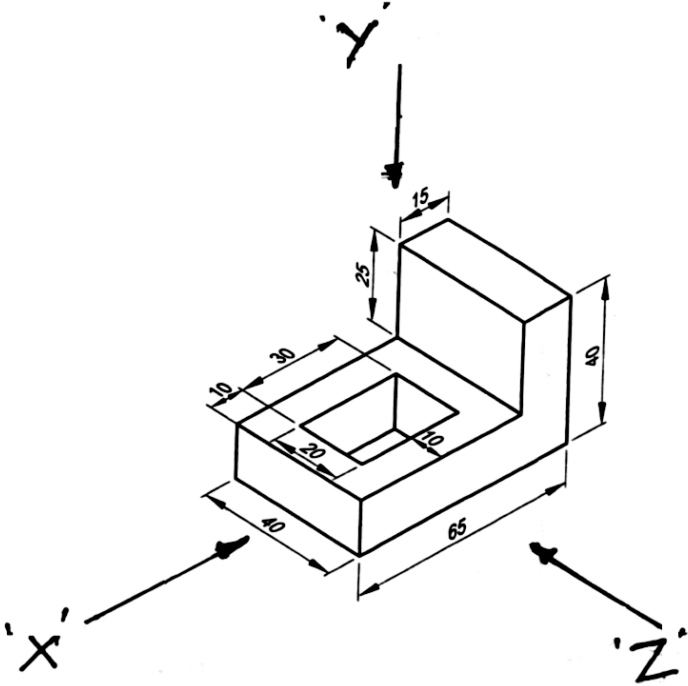
Qn. Nos.	Sub. Qn.No.	Value Points	Total
5.		<p>The pictorial view of an object is shown in figure No. 2. Draw the following orthographic views and mark the dimensions :</p> <p>10</p> <p>i) Front view — looking in the direction of arrow 'X'</p> <p>ii) Top view — looking in the direction of arrow 'Y'</p> <p>iii) Side view — looking in the direction of arrow 'Z'.</p>  <p>The diagram shows a 3D object with the following dimensions: overall length 65, overall width 40, and overall height 25. The object has a rectangular cutout on the left side with a width of 30 and a depth of 20. On the right side, there is a raised section with a width of 15 and a height of 25. Three viewing directions are indicated: 'X' (front view), 'Y' (top view), and 'Z' (side view).</p>	

Figure No. 2

Qn. Nos.	Sub. Qn.No.	Value Points	Total
		<p>Ans.</p> <p style="text-align: right;"> Front view 3 Top view 3 Side view 3 Dimensions 1 <hr style="width: 10%; margin-left: auto; margin-right: 0;"/> 10 </p>	

