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ಕರ್ನಾಟಕ ಪ್ರೌಢ ಶಿಕ್ಷಣ ಪರೀಕ್ಷಾ ಮಂಡಳಿ, ಮಲ್ಲೇಶ್ವರಂ, ಬೆಂಗಳೂರು – 560 003
KARNATAKA SECONDARY EDUCATION EXAMINATION BOARD, MALLESHWARAM,
BANGALORE – 560 003

ಎಸ್.ಎಸ್.ಎಲ್.ಸಿ. ಪರೀಕ್ಷೆ, ಮಾರ್ಚ್/ಏಪ್ರಿಲ್, 2022
S. S. L. C. EXAMINATION, MARCH/APRIL, 2022

ಮಾದರಿ ಉತ್ತರಗಳು
MODEL ANSWERS

ದಿನಾಂಕ : 01. 04. 2022]

ಸಂಕೇತ ಸಂಖ್ಯೆ : **72**

Date : 01. 04. 2022]

CODE NO. : **72**

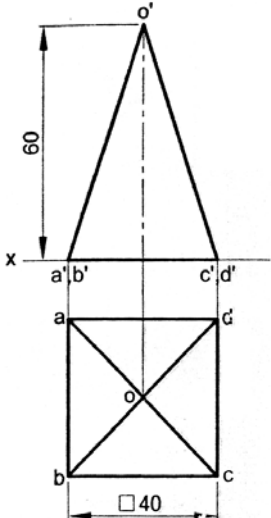
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Subject : ENGINEERING GRAPHICS - 2

(ಶಾಲಾ ಅಭ್ಯರ್ಥಿ & ಪುನರಾವರ್ತಿತ ಶಾಲಾ ಅಭ್ಯರ್ಥಿ / Regular Fresh & Regular Repeater)

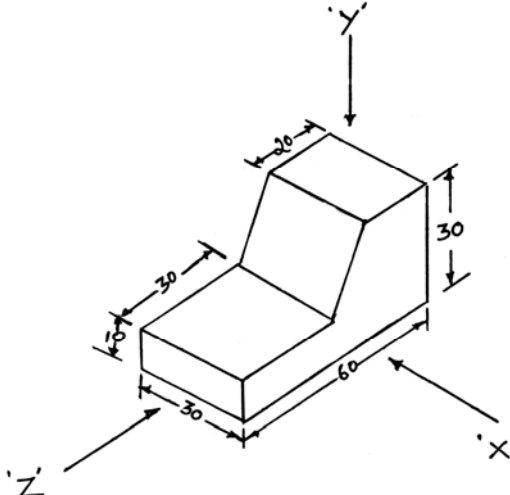
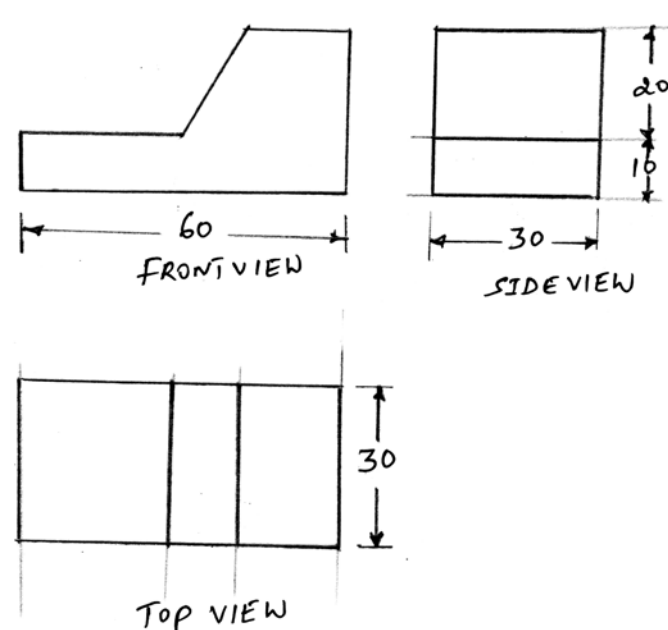
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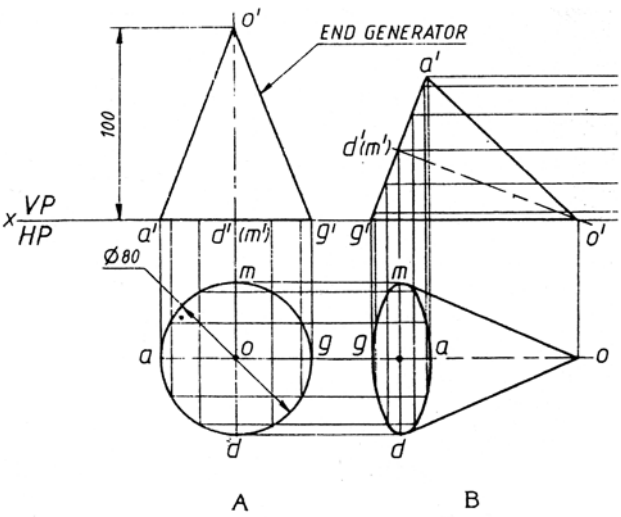
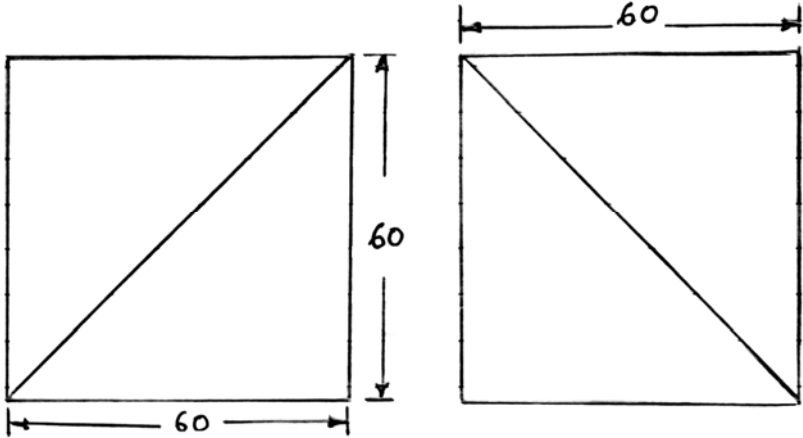
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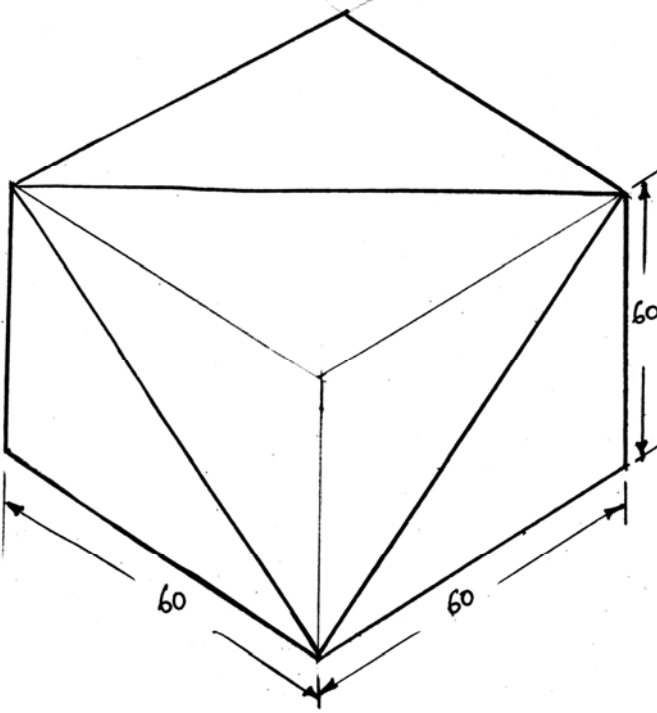
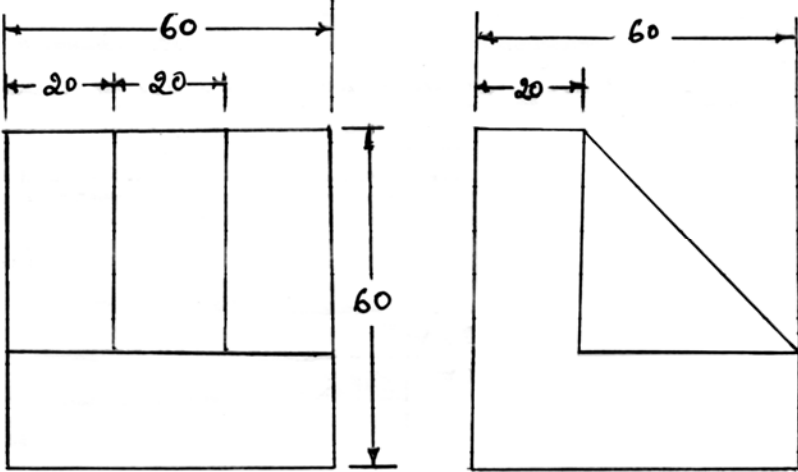
Qn. Nos.	Sub. Qn.No.	Value Points	Total
1.		<p>A square pyramid of base side 40 mm and axis 60 mm is resting on its base on the H.P. Draw its projection when a side of the base is parallel to V.P.</p> <p>Ans.</p>  <p>Front view - 2 Top view - 2 Dimensioning - 1</p>	5

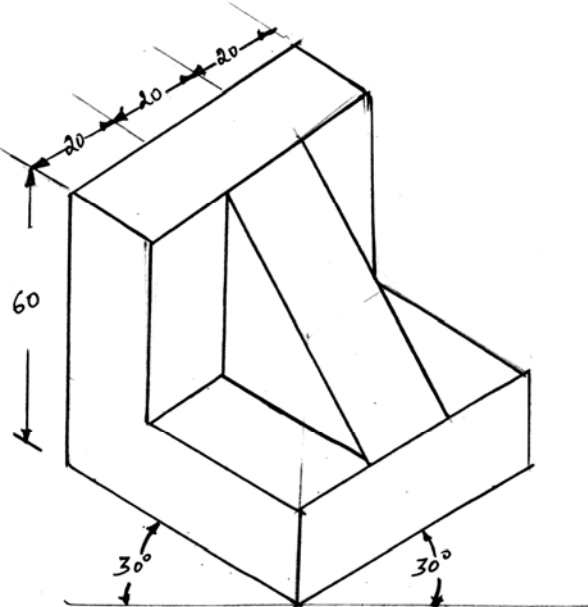
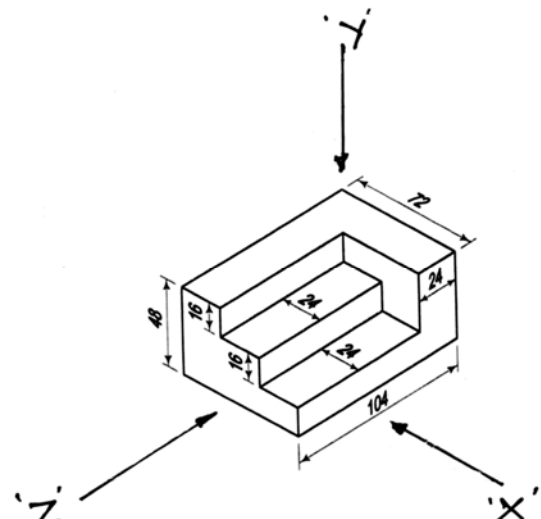
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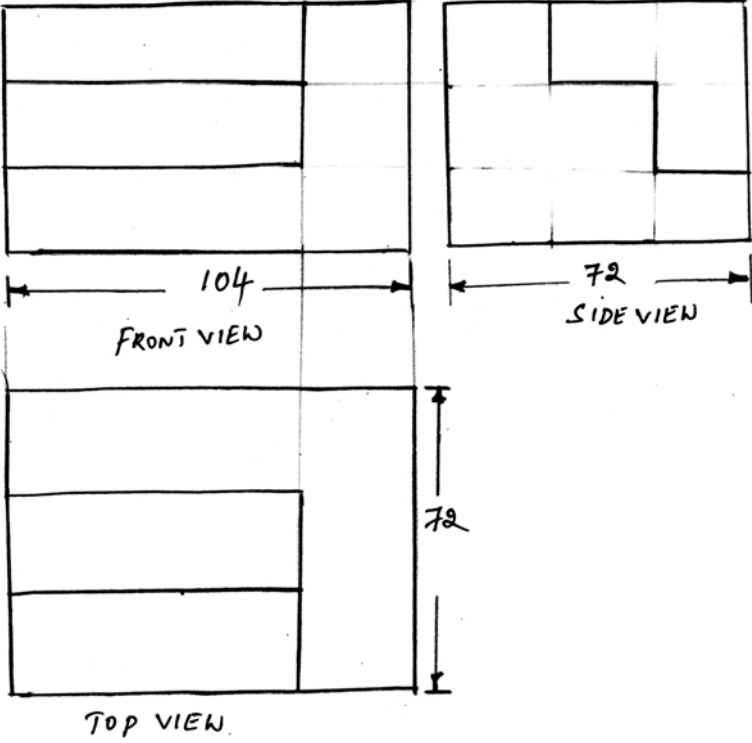
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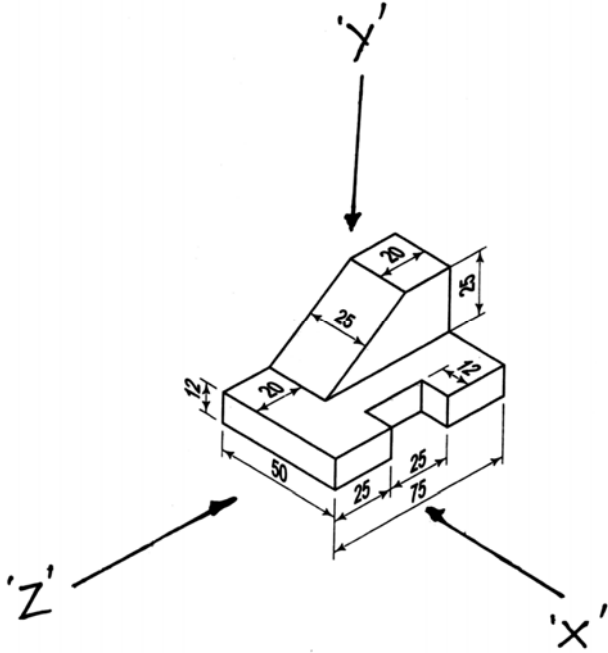
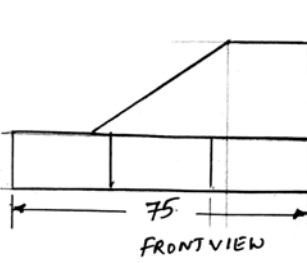
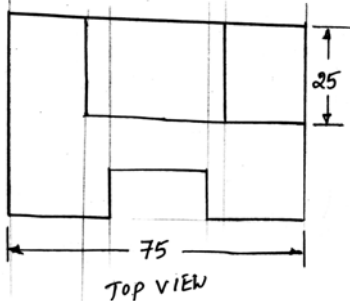
Qn. Nos.	Sub. Qn.No.	Value Points	Total
2.		<p>The pictorial view of an object is shown in Figure No. 1. Draw the following orthographic views and mark the dimensions.</p> <p>i) Front view — looking in the direction of arrow 'X'</p> <p>ii) Top view — looking in the direction of arrow 'Y'</p> <p>iii) Side view — looking in the direction of arrow 'Z'.</p> <div style="text-align: center;">  <p>Figure No. 1</p> </div> <p>Ans.</p> <div style="text-align: center;">  </div> <div style="text-align: right; margin-top: 20px;"> <p>Front view - 2 Top view - 1 Side view - 1 Dimensioning - 1</p> </div>	5

Qn. Nos.	Sub. Qn.No.	Value Points	Total
3.		<p>A cone of base 80 mm diameter and height 100 mm is lying with one of its generators on H.P. Draw its top and front views. 10</p> <p>Ans.</p>  <p style="text-align: center;">A B</p> <p style="text-align: right;">i) First stage — Front view - 3 Top view - 2</p> <p style="text-align: right;">ii) Second stage — Front view - 2 Top view - 2</p> <p style="text-align: right;">iii) Dimensioning - 1</p>	10
4.		<p>The orthographic views of an object are shown in Figure No. 2. Draw the isometric projection of the object. 10</p>  <p style="text-align: center;">Figure No. 2</p>	

Qn. Nos.	Sub. Qn.No.	Value Points	Total
		<p><i>Ans.</i></p>  <p>i) Isometric view - 8 ii) Dimensioning - 2</p>	10
5.		<p>Draw the isometric projection of the object whose orthographic projections are shown in Figure No. 3. 10</p>  <p>Figure No. 3</p>	

Qn. Nos.	Sub. Qn.No.	Value Points	Total
		<p>Ans.</p>  <p>i) Isometric view - 8 ii) Dimensioning - 2</p>	10
6.		<p>The pictorial view of an object is shown in Figure No. 4. Draw the following orthographic views and mark the dimensions.</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>Figure No. 4</p>	10

Qn. Nos.	Sub. Qn.No.	Value Points	Total
		<p data-bbox="400 309 464 338">Ans.</p>  <p data-bbox="916 1144 1174 1173">i) Front view - 3</p> <p data-bbox="916 1227 1145 1256">ii) Top view - 3</p> <p data-bbox="916 1310 1155 1339">iii) Side view - 3</p> <p data-bbox="916 1393 1214 1422">iv) Dimensioning - 1</p>	10
		OR	
		<p data-bbox="400 1529 1254 1693">The pictorial view of an object is shown in Figure No. 5. Draw the following orthographic views and mark the dimensions.</p> <p data-bbox="400 1731 1174 1760">i) Front view — looking in the direction of arrow 'X'</p> <p data-bbox="400 1798 1150 1827">ii) Top view — looking in the direction of arrow 'Y'</p> <p data-bbox="400 1865 1161 1895">iii) Side view — looking in the direction of arrow 'Z'.</p>	10

Qn. Nos.	Sub. Qn.No.	Value Points	Total
		<p style="text-align: center;">  </p> <p style="text-align: center;">Figure No. 5</p> <p>Ans.</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p>FRONT VIEW</p> </div> <div style="text-align: center;">  <p>SIDE VIEW</p> </div> </div> <div style="text-align: center; margin-top: 20px;">  <p>TOP VIEW</p> </div> <div style="margin-top: 20px;"> <p>i) Front view - 3</p> <p>ii) Top view - 3</p> <p>iii) Side view - 3</p> <p>iv) Dimensioning - 1</p> </div>	<p>10</p>