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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, ಮಾರ್ಚ್/ಏಪ್ರಿಲ್ — **2019**

S. S. L. C. EXAMINATION, MARCH/APRIL, 2019

ಮಾದರಿ ಉತ್ತರಗಳು

MODEL ANSWERS

ದಿನಾಂಕ : 23. 03. 2019] ಸಂಕೇತ ಸಂಖ್ಯೆ : **72**

Date : 23. 03. 2019] **CODE NO. : 72**

ವಿಷಯ : ಇಂಜಿನಿಯರಿಂಗ್ ಗ್ರಾಫಿಕ್ಸ್ - 2

Subject : ENGINEERING GRAPHICS - 2

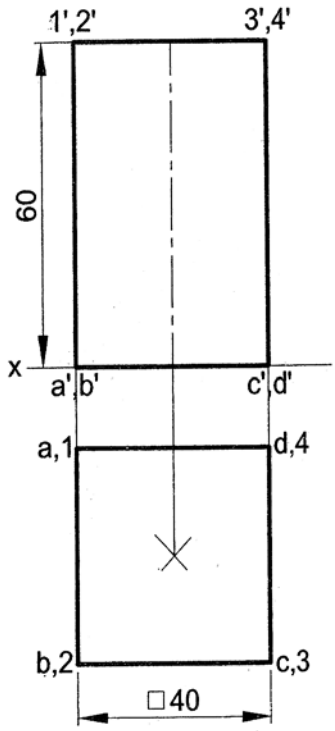
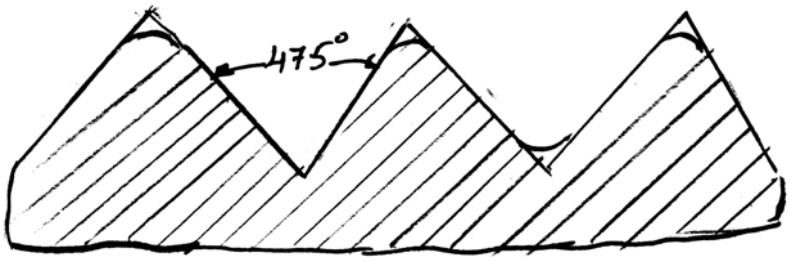
(ಹೊಸ ಪಠ್ಯಕ್ರಮ / New Syllabus)

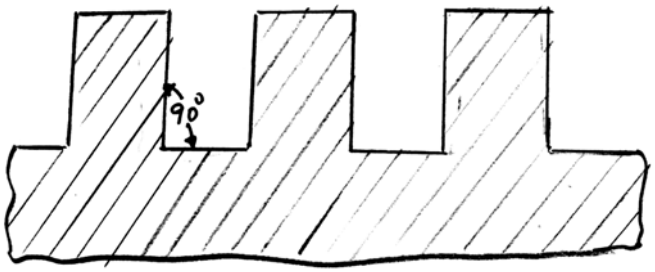
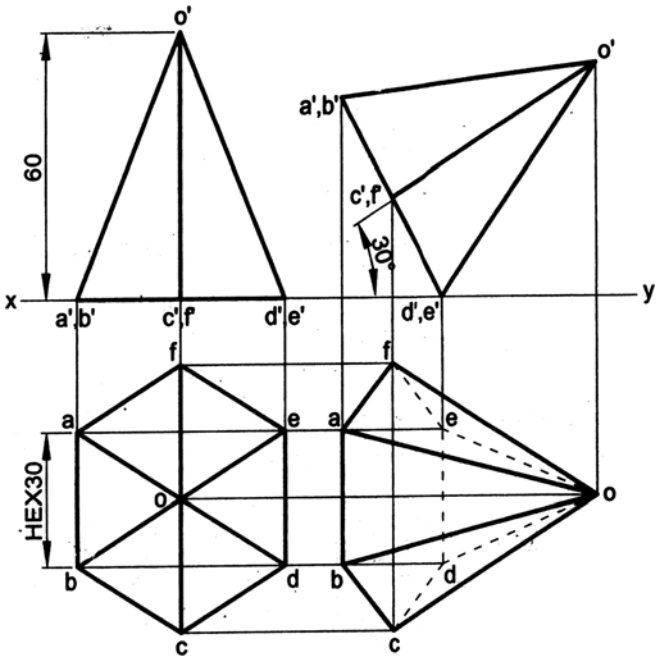
(ಶಾಲಾ ಅಭ್ಯರ್ಥಿ & ಪುನರಾವರ್ತಿತ ಶಾಲಾ ಅಭ್ಯರ್ಥಿ/ Regular Fresh & Regular Repeater)

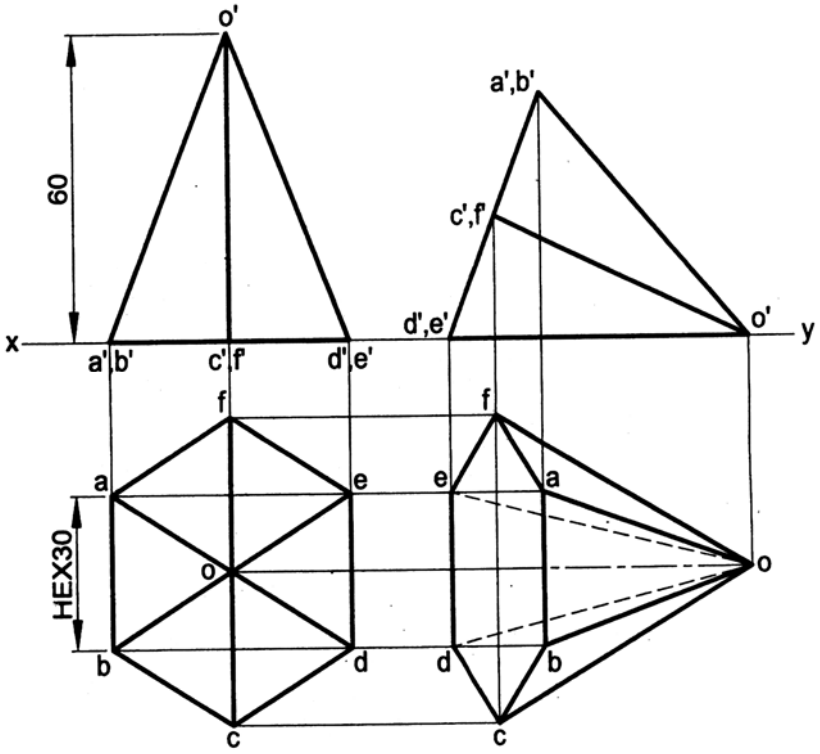
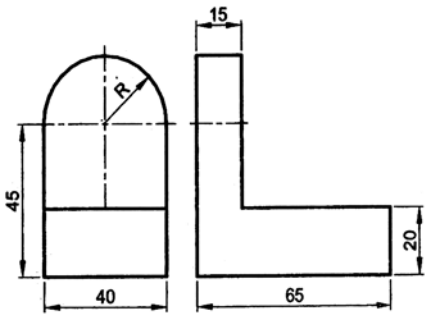
[ಗರಿಷ್ಠ ಅಂಕಗಳು : **50**

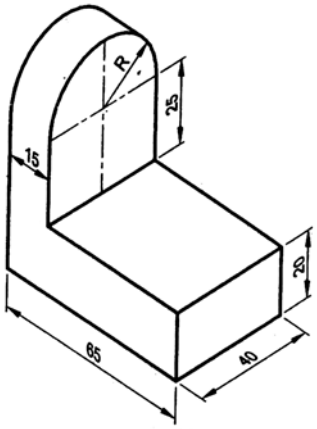
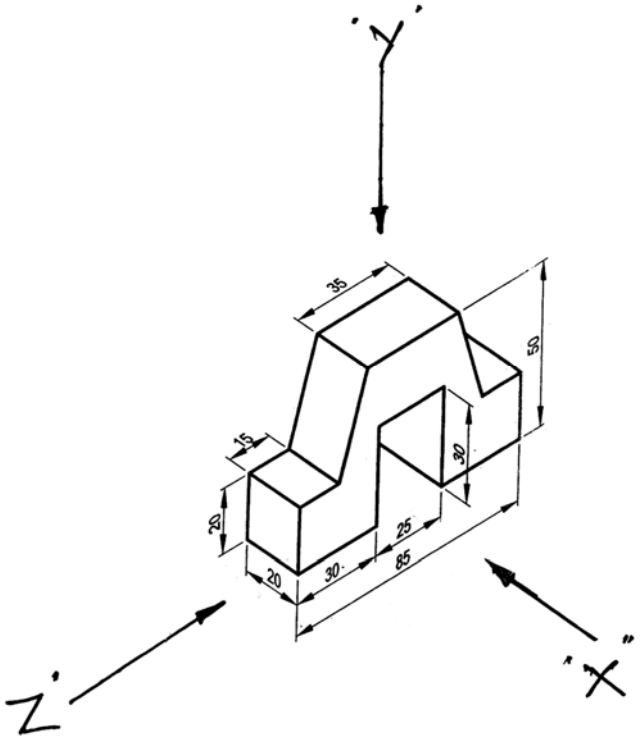
[Max. Marks : 50

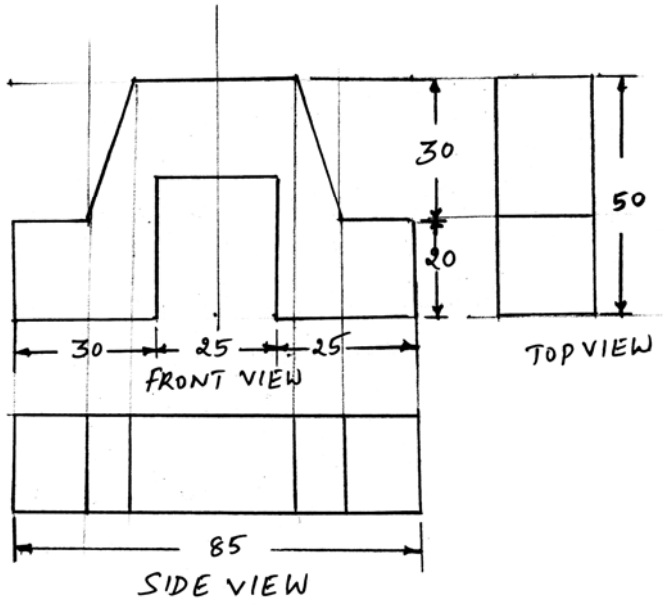
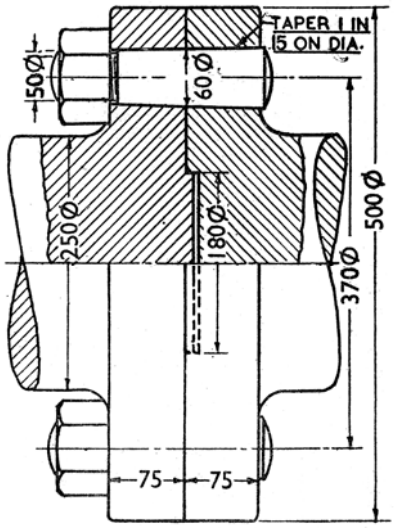
Qn. Nos.	Sub. Qn.No.	Value Points	Total
1.		A square prism of base side 40 mm and axis 60 mm is resting on its base on the ground. Draw its projections when a face is perpendicular to the V.P. 5	

Qn. Nos.	Sub. Qn.No.	Value Points	Total
		Ans.  Font view – 2½ Top view - 2½	5
2.		With a neat sketch show the proportions and angle of the following threads : a) B. A. thread b) Square thread. 5 *Ans.* a)  B. A. Thread	2½

Qn. Nos.	Sub. Qn.No.	Value Points	Total
		b)  Square Thread	2½
3.		A hexagonal pyramid of base side 30 mm and axis 60 mm has an edge of its base on the ground. Its axis is inclined at 30° to the ground and parallel to the V.P. Draw its projections.10 *Ans.*  First stage = 5 (2½ + 2½) Second stage = 5 (Final projection) = 2½ + 2½	10
		OR	

Qn. Nos.	Sub. Qn.No.	Value Points	Total
		A hexagonal pyramid of base edge 30 mm and axis 60 mm has a triangular face on the ground and the axis parallel to the V.P. Draw its projections. 10 *Ans.*  First stage = 5 (2½ + 2½) Second stage = 5 (Final projection) = 2½ + 2½	10
4.		The front and right hand side views of an angle plate are shown in figure No. 1. Draw its isometric view. 10  **Figure No. 1**	

Qn. Nos.	Sub. Qn.No.	Value Points	Total
		Ans.  Drawing of isometric view = 8 Dimensioning = 2	10
5.		The pictorial view of an object is shown in figure No. 2. Draw the following orthographic views and mark the dimensions : 10 i) Front view — looking in the direction of arrow *'X'* ii) Top view — looking in the direction of arrow *'Y'* iii) Side view — looking in the direction of arrow *'Z'*.  **Figure No. 2**	

Qn. Nos.	Sub. Qn.No.	Value Points	Total
		Ans.  Front view = 3 Top view = 3 Side view = 3 Dimensioning = 1	10
6.		Figure No. 3 shows the sectional elevation of a solid flanged coupling. Draw the sectional elevation of a solid flanged coupling to half full size (1 : 2 size) and mark dimensions. 10  **SOLID FLANGED COUPLING** **Figure No. 3**	

Qn. Nos.	Sub. Qn.No.	Value Points	Total
		Ans. i) Draw the sectional elevation of a solid flanged coupling to half full size (1 : 2 size). 8 ii) Dimensioning. 2	10