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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)

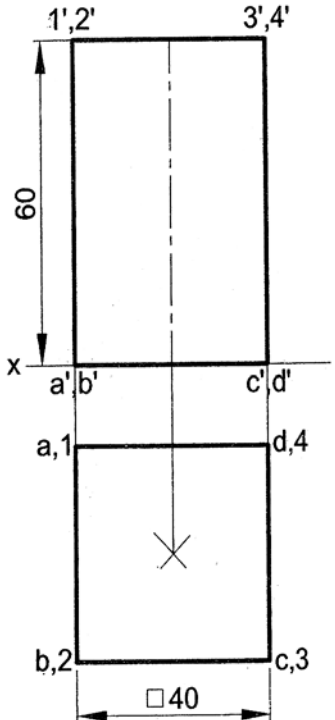
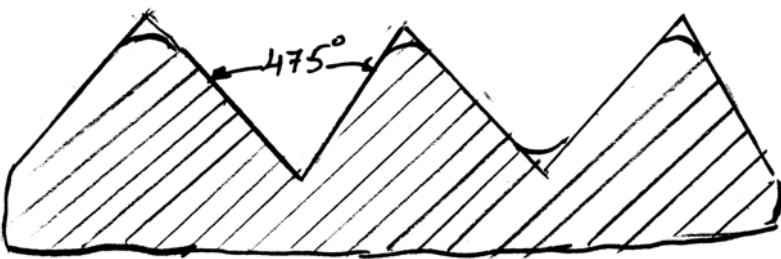
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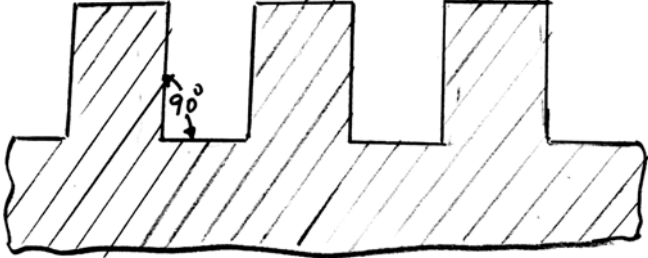
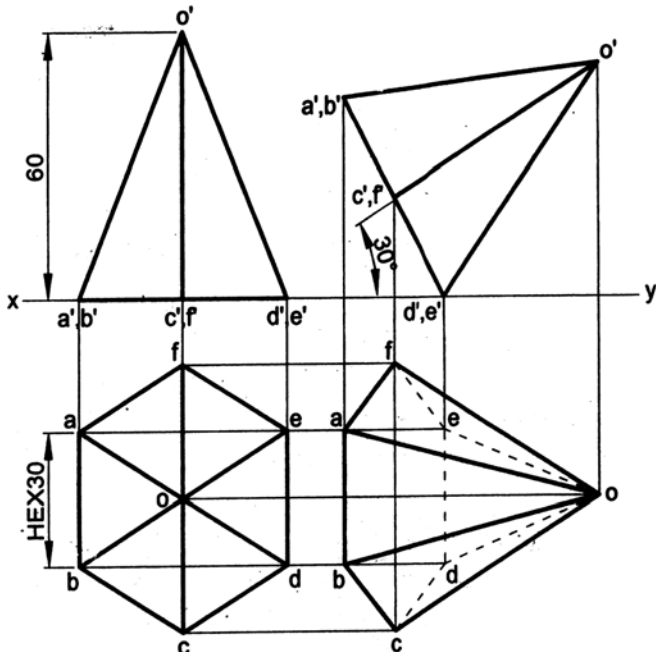
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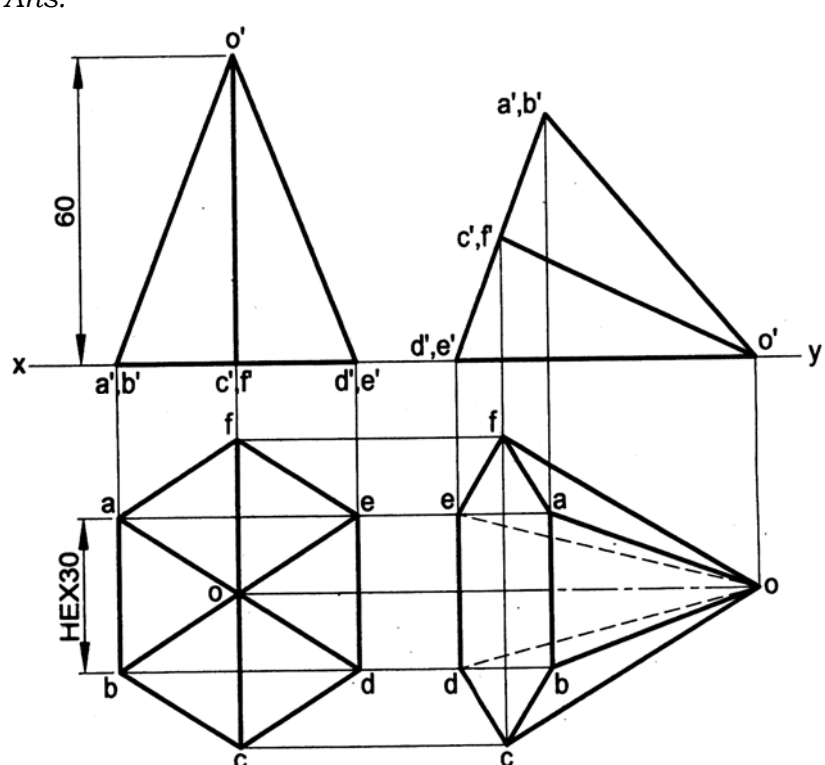
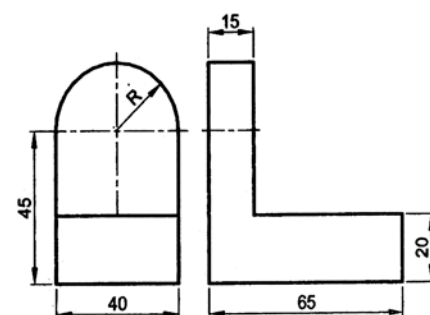
Qn. Nos.	Sub. Qn.No.	Value Points	Total
1.		A square prism of base side 40 mm and axis 60 mm is resting on its base on the ground. Draw its projections when a face is perpendicular to the V.P. 5	

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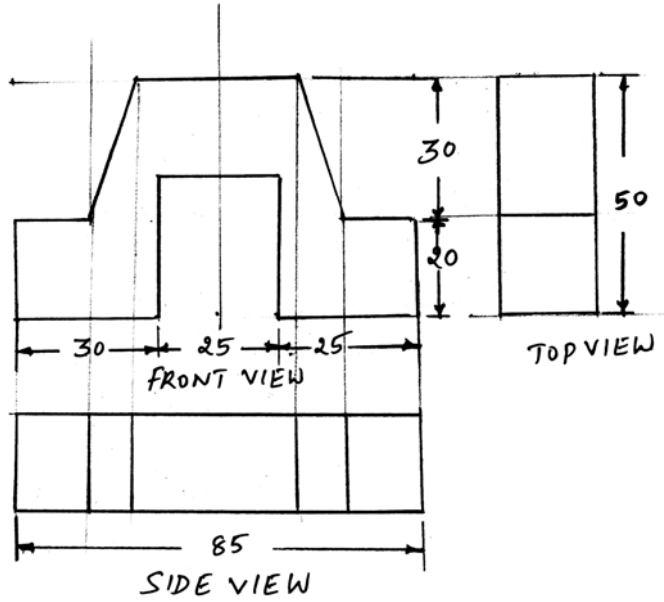
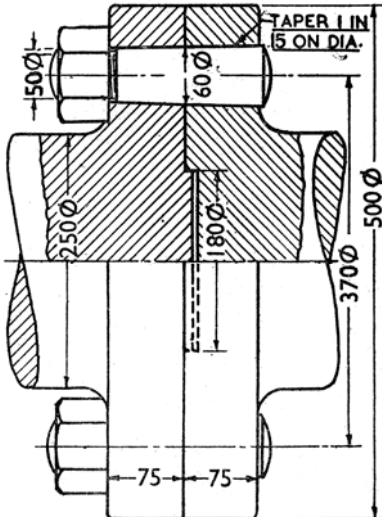
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Qn. Nos.	Sub. Qn.No.	Value Points	Total
		Ans.  Font view – $2\frac{1}{2}$ Top view – $2\frac{1}{2}$	5
2.		With a neat sketch show the proportions and angle of the following threads : a) B. A. thread b) Square thread. Ans. a)  B. A. Thread	5 $2\frac{1}{2}$

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 $(2\frac{1}{2} + 2\frac{1}{2})$ Second stage = 5 (Final projection) = $2\frac{1}{2} + 2\frac{1}{2}$	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 $(2\frac{1}{2} + 2\frac{1}{2})$ Second stage = 5 (Final projection) = $2\frac{1}{2} + 2\frac{1}{2}$	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 : - Front view — looking in the direction of arrow 'X' - Top view — looking in the direction of arrow 'Y' - Side view — looking in the direction of arrow 'Z'. Figure No. 2	10

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.  SOLID FLANGED COUPLING Figure No. 3	10

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