ಒಟ್ಟು ಮುದ್ರಿತ ಪುಟಗಳ ಸಂಖ್ಯೆ : 8]
Total No. of Printed Pages : 8]
ಒಟ್ಟು ಪ್ರಶ್ನೆಗಳ ಸಂಖ್ಯೆ : 6]
Total No. of Questions : 6]

ಸಂಕೇತ ಸಂಖ್ಯೆ : 72

Code No. : 72

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CCE RF
CCE RR
REVISED

Question Paper Serial No. **21**

ಪ್ರಶ್ನೆ ಪತ್ರಿಕೆಯ ಸರಣಿ ಸಂಖ್ಯೆ

ವಿಷಯ : ಇಂಜಿನಿಯರಿಂಗ್ ಗ್ರಾಫಿಕ್ಸ್ - 2

Subject : ENGINEERING GRAPHICS - 2

(ಹೊಸ ಪಠ್ಯಕ್ರಮ / New Syllabus)

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

ದಿನಾಂಕ : 04. 04. 2020] [Date : 04. 04. 2020

ಸಮಯ = ಮಧ್ಯಾಹ್ನ–2-00 ರಿಂದ 5-15 ರವರೆಗೆ] [Time : 2-00 P.M. to 5-15 P.M.

ಪರಮಾವಧಿ ಅಂಕಗಳು : 50] [Max. Marks : 50

TEAR HERE TO OPEN THE QUESTION PAPER
ಪ್ರಶ್ನೆ-ಪತ್ರಿಕೆಯನ್ನು-ತೆರೆಯಲು ಇಲ್ಲಿ ಕತ್ತರಿಸಿ

General Instructions to the Candidate :

1. This Question Paper consists of 6 subjective types of questions.
2. This question paper has been sealed by reverse jacket. You have to cut on the right side to open the paper at the time of commencement of the examination. Check whether all the pages of the question paper are intact.
3. Follow the instructions given against both the objective and subjective types of questions.
4. Figures in the right hand margin indicate maximum marks.
5. The maximum time to answer the paper is given at the top of the question paper. It includes 15 minutes for reading the question paper.

Tear here

Instructions : i) Answer *all* the questions.

ii) Retain the constructional details.

iii) All dimensions are in mm.

iv) Use first angle projection only.

v) Missing dimensions may be assumed.

vi) All drawings should be drawn in drawing sheet only.

1. With a sketch show the following parts of a screw thread : 5

   i) Root

   ii) Crest

   iii) Flank

   iv) Depth

   v) Pitch.

2. A pentagonal pyramid is of 30 mm side of base and axis 60 mm long. Draw the projection of pyramid when the axis of the pyramid is perpendicular to V.P. and the base edge is on H.P. 5

3. Draw the top and front views of a right circular cylinder of base 45 mm diameter and 60 mm long when it lies on H.P. such that its axis is inclined at 30° to H.P. 10

4. The front, top and left views of a model of steps are shown in figure No. 1.

Draw its isometric view. 10

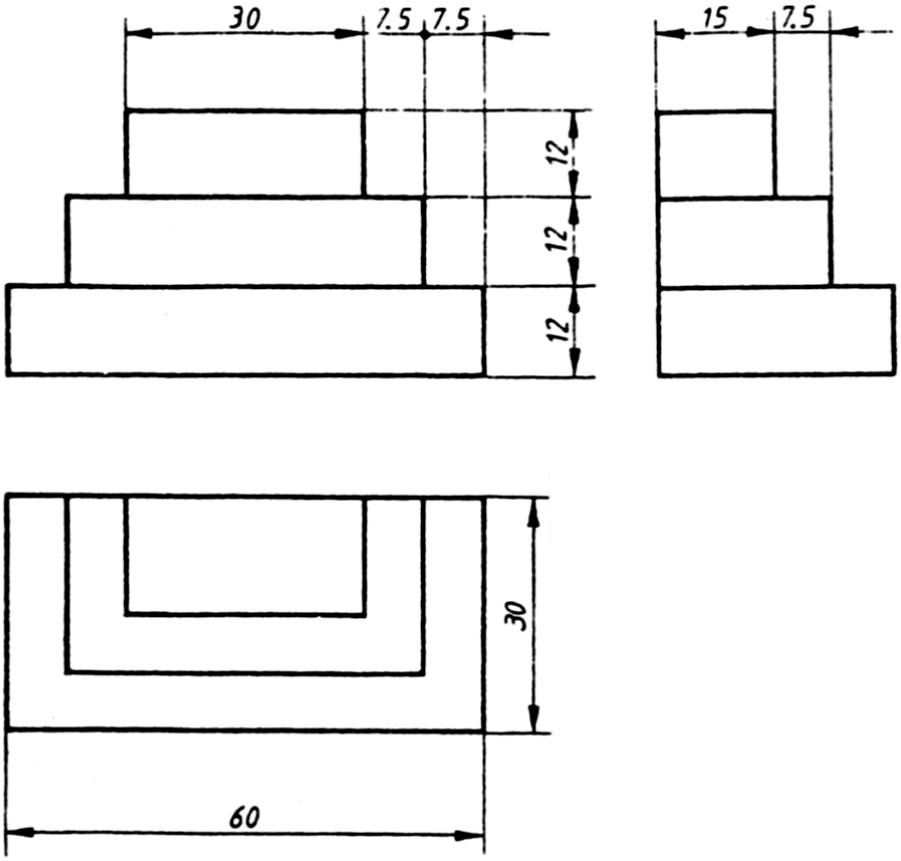


Figure No. 1

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'*.

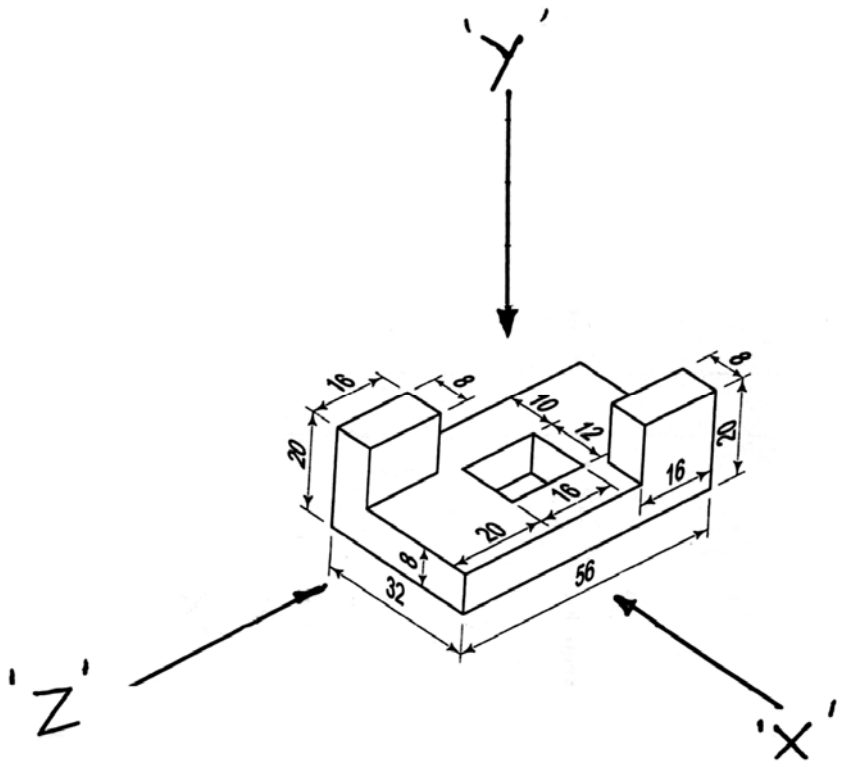


Figure No. 2

OR

The pictorial view of an object is shown in figure No. 3. 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'*.

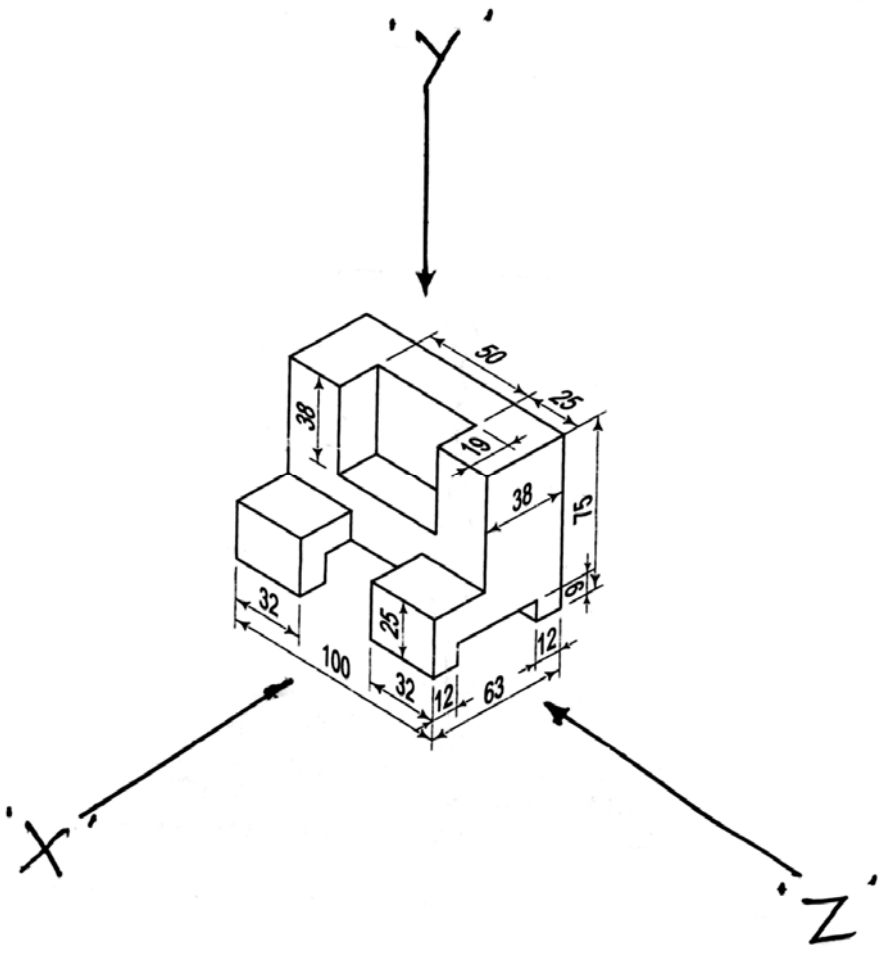
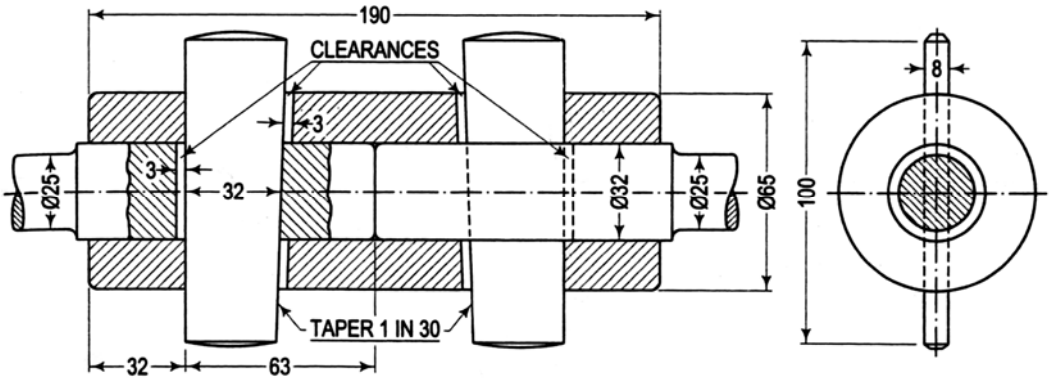


Figure No. 3

6. Figure No. 4 shows the sectional elevation and left view of cotter joint with sleeve. Draw the sectional elevation of the cotter joint with sleeve to full size (1 : 1 size) and mark dimensions. 10



COTTER JOINT WITH SLEEVE

Figure No. 4