

B

Sl. No. : H

ಒಟ್ಟು ಪ್ರಶ್ನೆಗಳ ಸಂಖ್ಯೆ : 5]

[ಒಟ್ಟು ಮುದ್ರಿತ ಪುಟಗಳ ಸಂಖ್ಯೆ : 8

Total No. of Questions : 5]

[Total No. of Printed Pages : 8

ಸಂಕೇತ ಸಂಖ್ಯೆ : **72****CCE RR
UNREVISED****Code No. : 72**

ಇಲ್ಲಿಂದ ಕತ್ತರಿಸಿ

ವಿಷಯ : ಇಂಜಿನಿಯರಿಂಗ್ ಡ್ರಾಯಿಂಗ್

Subject : ENGINEERING DRAWING

(ಹಳೆಯ ಪಠ್ಯಕ್ರಮ / Old Syllabus)

(ಪುನರಾವರ್ತಿತ ಶಾಲಾ ಅಭ್ಯರ್ಥಿ / Regular Repeater)

ದಿನಾಂಕ : 22. 06. 2019]

[Date : 22. 06. 2019

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

ಗರಿಷ್ಠ ಅಂಕಗಳು : 50]

[Max. Marks : 50

General Instructions to the Candidate :

1. This Question Paper consists of 5 objective and 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 TO OPEN THE QUESTION PAPER

ಪ್ರಶ್ನೆ-ಪತ್ರಿಕೆಯನ್ನು ತೆರೆಯಲು ಇಲ್ಲಿ ಕತ್ತರಿಸಿ

Tear here



© (22)809-RR(B)

[Turn over

- 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. a) Fill in the blanks with the correct figure/word(s) by selecting from the choices given in the brackets : 5 × 1 = 5

i) The included angle of a pentagon is

(120 degree, 60 degree, 72 degree)

ii) Outlines are drawn as

(dashed narrow lines, thick lines, dotted lines)

iii) The unit of R.F. is/has

(no unit, centimetre, millimetre)

iv) The projection on H.P. is

(side view, front view, top view)



v) Eccentricity of parabola is one.

(*equal to, greater than, less than*)

b) Match the following :

5 × 1 = 5

Group A

Group B

i) B. S. F. thread

a) lead screw of a lathe

ii) Addendum

b) radial height of the tooth below

the pitch circle

iii) Dedendum

c) outermost part of a thread

iv) Acme thread

d) radial height of the tooth above

the pitch circle

v) Crest

e) innermost part of a thread

f) small instrument screw.

2. a) Print the following in single stroke vertical capital letters of height

18 mm with 6 : 5 ratio.

5

'WELDING'

b) Construct a hexagon of side 40 mm and inscribe a circle in it.

5



3. a) Construct a hyperbola in a equilateral triangle of side 60 mm. 5
- b) Inscribe an ellipse in a parallelogram of sides 100 mm \times 70 mm, the included angle being 60 degree. 5
4. The pictorial view of an object is shown in figure No. 1. 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'.

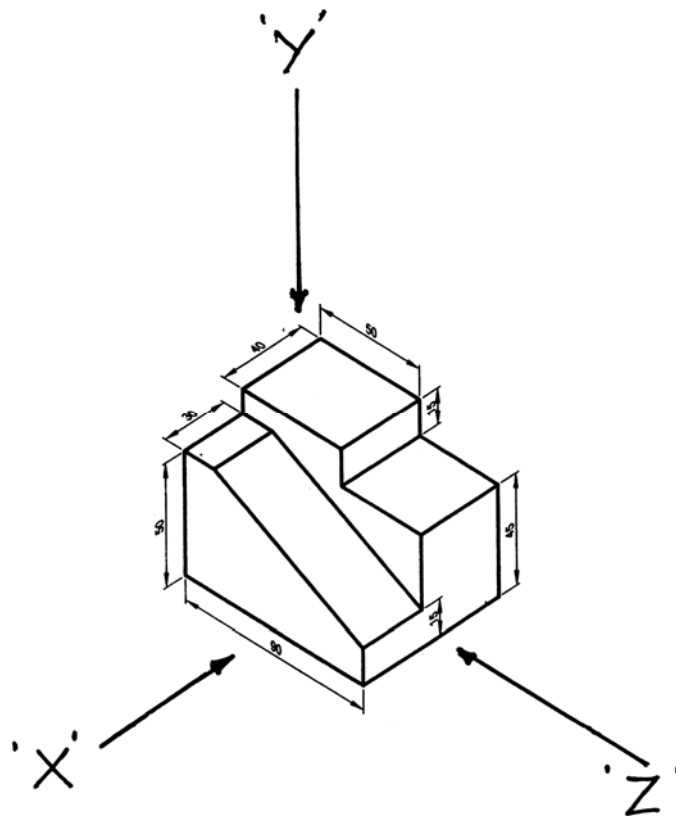


Figure No. 1

OR



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'.

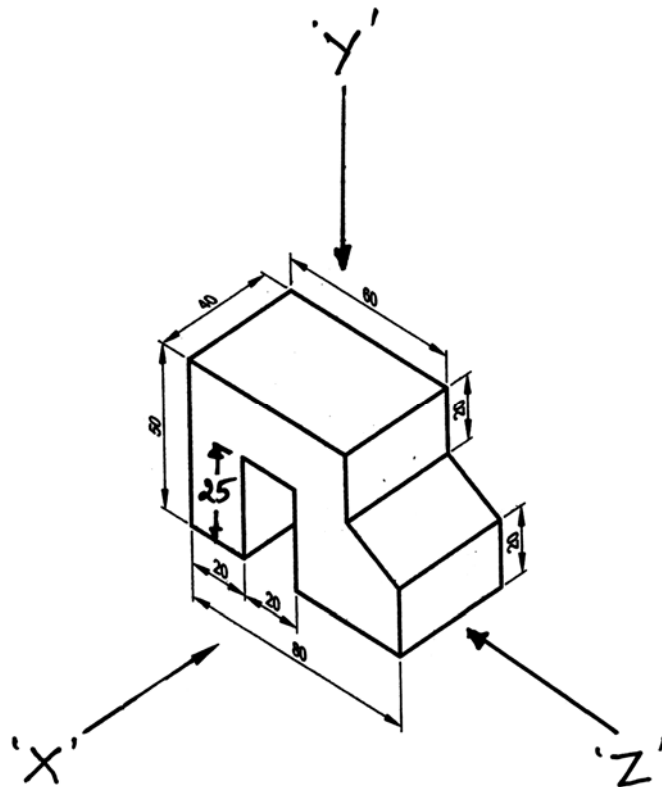


Figure No. 2

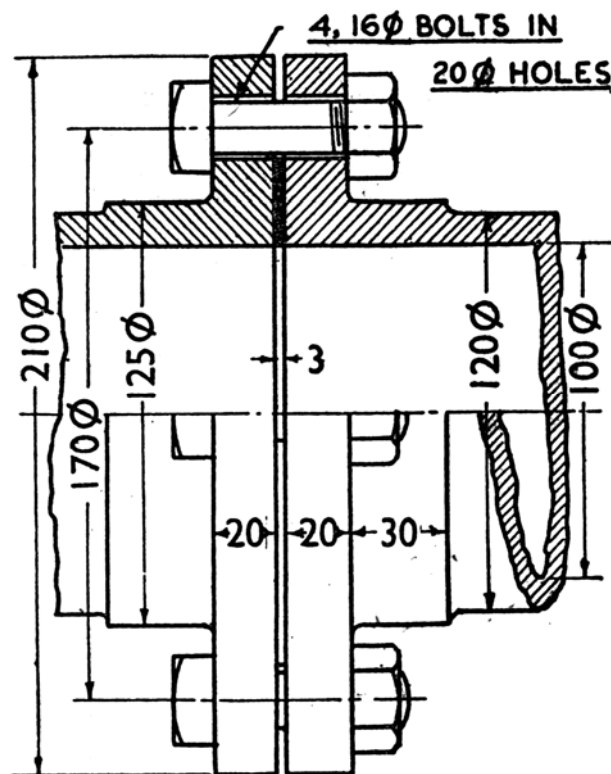


5. Figure No. 3 shows the sectional elevation of a cast iron flanged joint.

Draw the sectional elevation of the cast iron flanged joint to half full size

(1 : 2 size) and mark dimensions.

10



CAST IRON FLANGED JOINT

Figure No. 3





