

B

Sl. No. : YYY

ಒಟ್ಟು ಪ್ರಶ್ನೆಗಳ ಸಂಖ್ಯೆ : 5]

Total No. of Questions : 5]

ಸಂಕೇತ ಸಂಖ್ಯೆ : **72****CCE RR
UN-REVISED**

[ಒಟ್ಟು ಮುದ್ರಿತ ಪುಟಗಳ ಸಂಖ್ಯೆ : 8

[Total No. of Printed Pages : 8

Code No. : 72

ಇಲ್ಲಿಂದ ಕತ್ತರಿಸಿ

ವಿಷಯ : ಇಂಜಿನಿಯರಿಂಗ್ ಡ್ರಾಯಿಂಗ್

Subject : ENGINEERING DRAWING

(ಹಳೆಯ ಪಠ್ಯಕ್ರಮ / Old Syllabus)

(ಪುನರಾವರ್ತಿತ ಶಾಲಾ ಅಭ್ಯರ್ಥಿ / Regular Repeater)

ದಿನಾಂಕ : 23. 06. 2018]

[Date : 23. 06. 2018

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

RR(B)-20006

[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 inclination of letters as for inclined lettering as recommended by B.I.S. is

(75°, 70°, 65°)

ii) The dimension figure for radius of a circle should preceded by

(SR, CR, R)

iii) The full form of R.F. is

(*reducing factor, representative fraction, rational factor*)

iv) Elliptical curves find their use is

(*design of water channels, reflecting telescopes, concrete arches*)

v) For orthographic projections B.I.S. recommends the

(*first angle projection, second angle projection, third angle projection*)

b) Match the following :

5 × 1 = 5

Group A

Group B

- | | |
|------------|---|
| i) Crest | a) the surface between creast and root |
| ii) Root | b) the distance between creast and root |
| iii) Flank | c) the distance measured parallel to the axis |
| iv) Depth | d) innermost portion of a thread |
| v) Pitch | e) equal to half the lead |
| | f) outermost part of a thread. |

2. a) Print the following in single stroke vertical capital letters of height 18 mm with 6 : 5 ratio. 5

'HYPERBOLA'

- b) Construct a scale of 1 : 5 to show decimetres and centimetres and long enough to measure up to 0.5 metre. 5
3. a) Inscribe a parabola in a parallelogram of 110 mm × 80 mm sides, the included angle being 60°. 5
- b) Inscribe the largest possible ellipse in a rectangle with 160 mm × 100 mm sides. 5
4. a) Differentiate between first angle and third angle projection. 3
- b) The pictorial view of an object is shown in Figure No. 1. Draw the following orthographic views and mark the dimensions : 7
- (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'.

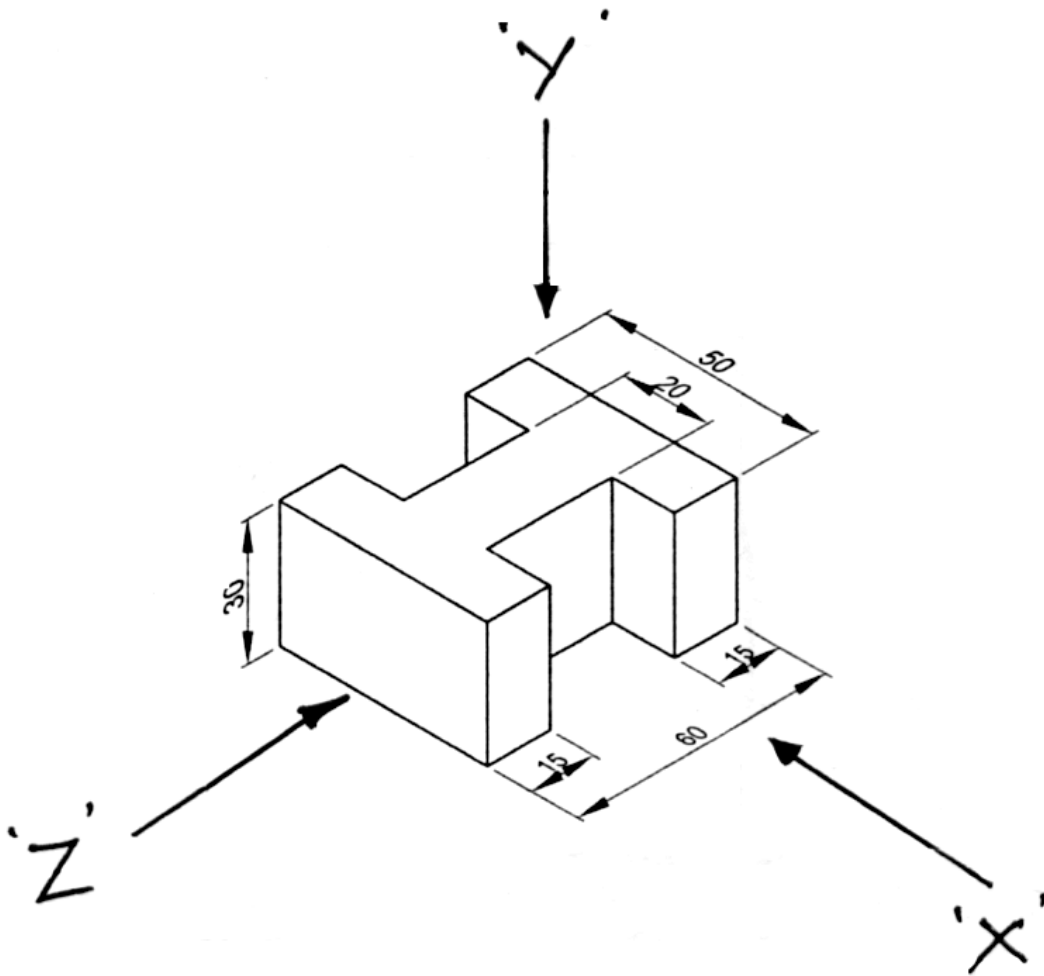


Figure No. 1

