

Vivekanand College Kolhapur (Empowered Autonomous) B.VOC -I_SEM-I INTERNAL EXAM

Subject: Engineering Graphics- I SubCode: VSC23FTE11

Date: 19/11/2023

Total Marks: 25

The respondent's email (manishpatil2229@gmail.com) was recorded on submission of this form.

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Enter your roll number *

2326

Instruction: 1. All Questions are Compusory 2. Each Question carries 1 Marks



How many battens will be there for a Drawing board? *

1 point

- a) 1
- b) 2
- c) 3
- d) 4

The angle which we can't make using a single Set-square is _____ *

1 point

- a) 45o
- b) 60o
- c) 30o
- d) 75o

The angle which we can't make using both the Set-squares is _____ *

1 point

- a) 15o
- b) 105o
- c) 165o
- d) 125o



Small bow compass can draw circles less than _____ mm radius. *

1 point

- a) 25mm
- b) 30mm
- c) 35mm
- d) 40mm

Which is not the use of divider? *

1 point

- a) To divide curved or straight lines into the desired number of equal parts
- b) To draw circles
- c) To transfer dimensions from one part of the drawing to another part
- d) To set-off given distances from the scale to the drawing

The cardboard scales are available in a set of _____ scales. *

1 point

- a) six
- b) ten
- c) eight
- d) twelve



_____ is used to draw curves which are not circular. *

1 point

- a) Compass
- b) Protractor
- c) French curves
- d) Pro circle

The areas of the two subsequent sizes of drawing sheet are in the ratio ____ *

1 point

- a) 1:5
- b) 1:4
- c) 1:2
- d) 1:10

The sizes from A0 to A5 increases. *

1 point

- a) True
- b) False



The increase in hardness is shown by the value of the figure put in front of the letter H, * 1 point
2H, 3H, and 4H etc.

- a) True
 b) False

What is the next size of 210 mm x 297 mm in drawing papers? *

1 point

- a) 148 mm x 210 mm
 b) 297 mm x 420 mm
 c) 420 mm x 594 mm
 d) 105 mm x 148 mm

The Grade becomes _____ according to the figure placed in front of the letter B, 2B, 3B, * 1 point
4B etc.

- a) harder
 b) lighter
 c) darker
 d) softer



The accuracy of the drawing depends on the quality of the instruments used. *

1 point

- a) True
- b) False

According to the Indian Standard Institute (ISI), which among the following designation has the size 1000 x 700 (in mm)?

* 1 point

- a) B0
- b) B1
- c) B2
- d) B3

Which is the most common tool used for drawing circles? *

1 point

- a) French curve
- b) Mini – drafter
- c) Divider
- d) Compass



According to the Indian Standard Institution (ISI), what is the size of the designation A3 in mm? * 1 point

- a) 420 x 297
- b) 841 x 594
- c) 1189 x 841
- d) 297 x 210

Using $30^\circ - 60^\circ - 90^\circ$ and $45^\circ - 45^\circ - 90^\circ$ set squares, which of the following angle is not possible to draw? * 1 point

- a) 45°
- b) 30°
- c) 10°
- d) 90°

Which is the instrument used to draw parallel lines fast? *

1 point

- a) Set square
- b) Ruler scale
- c) Protractor
- d) Roll-n-draw



The preferred size of the drawing sheets is recommended by the _____ *

1 point

- a) B.I.S.
 b) ASME
 c) ASTM
 d) NIST

The untrimmed size for _____ sheet is 240 mm x 330 mm. *

1 point

- a) A1
 b) A3
 c) A4
 d) A5

The size of the title block is _____ mm x _____ mm. *

1 point

- a) 25 x 10
 b) 100 x 25
 c) 65 x 185
 d) 185 x 65



The number of folding methods for folding of various sizes of drawing sheets is

* 1 point

- _____
- a) 1
 - b) 2
 - c) 3
 - d) 4

Which of the following is reducing scale? *

1 point

- a) 10:1
- b) 10:2
- c) 0.5:1
- d) 2:1

_____ is not an essential thing for free-hand sketching. *

1 point

- a) A soft-grade pencil
- b) French curves
- c) A soft rubber-eraser
- d) A paper in form of a sketch-book or a pad



Medium thickness, line-group of 2mm are not used for _____ *

1 point

- a) out lines
- b) dotted lines
- c) cutting plane -lines
- d) dimension lines

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Subject Teacher.

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Vivekanand College Kolhapur (Empowered Autonomous)

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