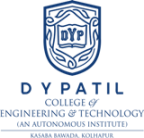
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**Q. Paper Code:**

**22FY104103**

**D. Y. PATIL COLLEGE OF ENGINEERING & TECHNOLOGY**

**KASABA BAWADA KOLHAPUR-416006**

**(An Autonomous Institute)**

F. Y. B.Tech. (All Branches) (Sem-I)

**Backlog Exam (END SEMESTER EXAMINATION), August - 2022**

Course Name: Engg. Graphics & Design, Course Code: 201GEL104

Seat No:

**Day and Date: Wednesday, 24/08/2022**

**Time: 10.00 am to 12.30 pm Max. Marks - 50**

***Instructions:***

1. *All Questions are compulsory.*
2. *Figure to the right indicate full marks.*
3. *All the dimensions are in mm.*
4. *Assume suitable data if necessary and state it clearly.*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **BTL** | **CO’s** | **Q. No.** |  | | | **Marks** | |
|  |  | **Q.1** | **Attempt any One.** | | | **5** | |
| **1,2** | **CO 104.1** | **a** | *Draw Parabola having when distance between directrix and focus is 60 mm..* |  |  | |
| **1,2** | **CO 104.1** | **b** | *Draw hyperbola having eccentricity 3/2, when distance between directrix and focus is 50 mm.* |  | |
|  |  | **Q.2** | **Attempt the following.** | | | **7** | |
| **1,2** | **CO**  **104.2** | **a** | *A right cone with a 50 mm diameter and height of 70mm rests on HP, such that the base is inclined at 60° to HP. Complete the projections.* |  |  | |
|  |  | **Q.3** | **Attempt the following.** | | | **8** | |
| **1,2** | **CO**  **104.3** | **a** | *Draw sectional front view of following object along X-direction with dimensions.* |  |  | |
|  |  | **Q.4** | **Attempt any two.** | | | **18** | |
| **1,2** | **CO**  **104.3** | **a** | *Draw isometric view of following.* |  |  | |
| **1,2** | **CO**  **104.3** | **b** | *Draw isometric view of following.* |  | |
| **1,2** | **CO**  **104.3** | **c** | *Draw isometric view of following.* |  | |
|  |  | **Q.5** | **Attempt the following.** | | | **6** | |
| **1,2,5** | **CO**  **104.4** | **a** | *What is Autocad?* |  |  | |
| **1,2,5** | **CO**  **104.4** | **b** | *What are the different methods to draw a circle in AutoCAD?* |  | |
| **1,2,5** | **CO**  **104.4** | **c** | *What do you mean by line command available in AutoCAD?* |  | |
|  |  | **Q.6** | **Attempt the following.** | | | **6** | |
| **1,2,5** | **CO**  **104.4** | **a** | *What is Rotate command in AutoCAD?* |  |  | |
| **1,2,5** | **CO**  **104.4** | **b** | *Explain Copy command from modify toolbar?* |  | |
| **1,2,5** | **CO**  **104.4** | **c** | *What is the use of Fillet command in AutoCAD?* |  | |

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