|  | Dr. Babasaheb Ambedkar Technological University <br> Vidyavihar, Lonere, Dist. Raigad |  |
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| END SEMESTER SUPPLEMENTARY THEORY EXAMINATION SUMMER-2022 |  |  |
| Center Code: 5448 | Course: F.Y.B.Pharm | Semester: I |
| Date: 13/09/2022 | Time: 2:15 PM to 4:15 PM | Marks: 35 |
| Subject: Remedial Mathematics |  | Subject Code: BP106RMT |
| Q. 1 Attempt any on (1) Solve the <br> Using cram <br> (2) Find equation to the line <br> Q. 2 Attempt any F <br> (1) If the line p <br> (2) If $y=\cos x$ <br> (3) Resolve int <br> (4) Find L\{tsint <br> (5) Find Partial <br> (6) Find Sum <br> (7) Prove that: | of the following. lowing System of equations: <br> ers rule. <br> of line passing through the $-3 y=2$ <br> E of the following. <br> ses through the point $(2,1)$ $\log x$. find $\frac{d y}{d x}$ Partial fraction $\frac{3 X+1}{(X-2)(X+1)}$ action of $\frac{x-2}{(x-3)(x-4)(x-5)}$. product of Eigen values of $\log \left(\frac{15}{18}\right)-\log \left(\frac{25}{162}\right)+\log \left(\frac{4}{9}\right)$ | $\begin{array}{ll}  \\ +y+z & =6^{[10 x 1=10 \text { Marks }]} \\ x+3 y-z & =5 \\ -2 y-3 z & =-7 \end{array}$ <br> nt $(-2,0)$ and perpendicular to the line [5X5=25 Marks] <br> having slope $\frac{3}{2}$ find equation of line. $\begin{aligned} & =\left[\begin{array}{lll} 1 & 2 & 2 \\ 2 & 1 & 2 \\ 2 & 2 & 1 \end{array}\right] \\ & \log 2 . \end{aligned}$ |

