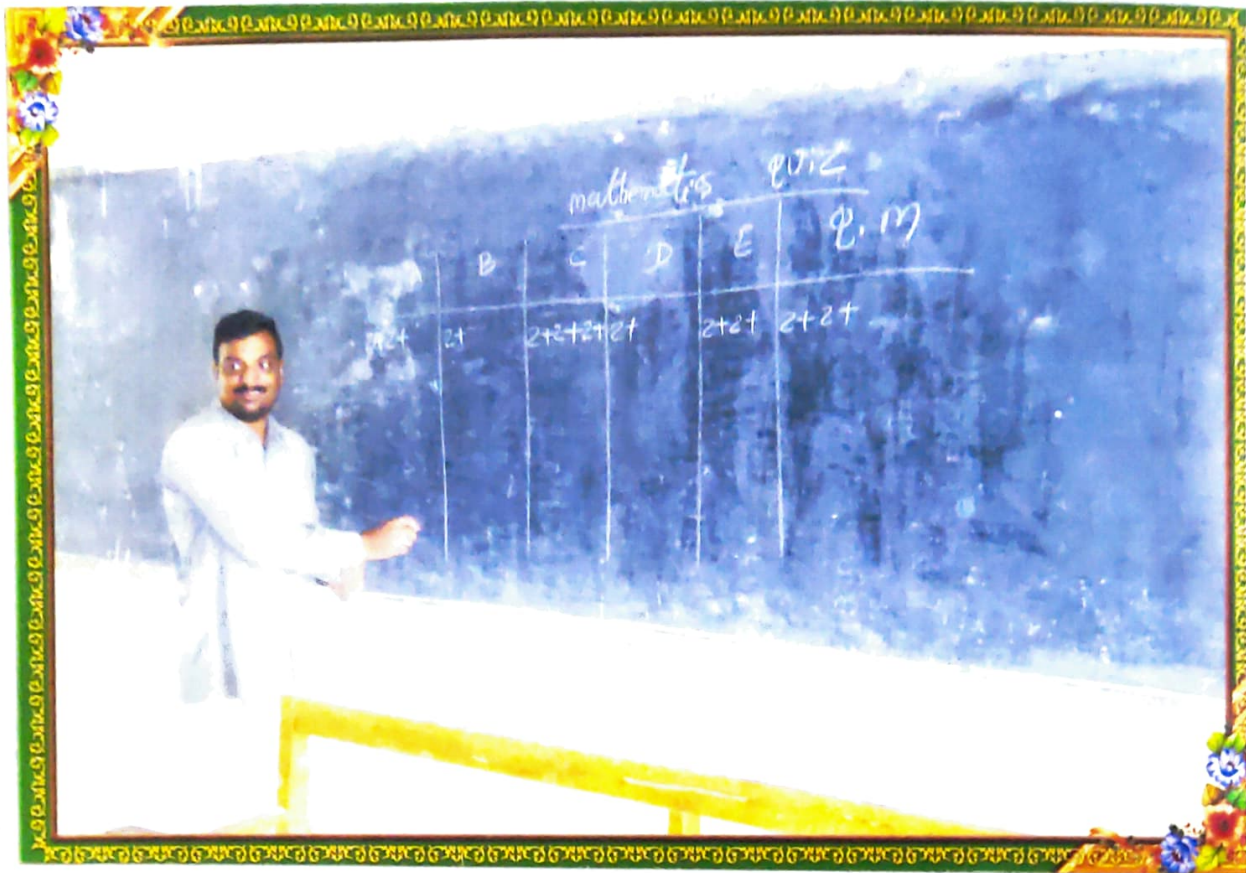




Group-A:

1. A-Harishankar
2. CH. Grovenda
3. K. Ramana
4. K. Saikumar
5. M. Subhash
6. V. Chinnarao

Group-B

1. A-Sindheja
2. B. Uday
3. CH. Nikhil Kumar
4. D. Raja
5. G. Jagadeesh
6. L. Chowdary.

I YEAR

Group-C

1. B. Siva
2. B. Anil
3. K. Srinu
4. K. Suresh
5. R. Srinu
6. S. Gopal Rao

Group-D

1. A. Manmadha Rao
2. B. Eswara Rao
3. K. Joga Rao
4. M. polinaidu
5. R. Gowri Naidee
6. T. polarao.

Signatures of attended students

1. G. Kumar.
2. M. Suresh Rao
3. K. unamash
4. L. Ananthakumari.
5. P. Pavan Sai.
6. H. Srinivasa Rao.
7. D. Vasantha Kumari
8. M. Manikanta
9. N. Neeraja
10. A. Raja.
11. K. Suresh
12. D. Bhavani
13. G. Asha Rani
14. S. Sai Bhargavi
15. H. Sivani
16. Ch. Santa Rao
17. P. Tirupathi Rao
18. M. Srikanth.
19. N. Ramana
20. K. Sandhya
21. G. Rajesh.
22. Ch. Varadachari
23. M. Dhanu Jay.
24. K. Sravan Kumar
25. S. Kumar
26. A. R.
27. M. Dhanu Jay

- 1) Degree of $[1 + (dy/dx)^2]^3 = x^2 (d^2y/dx^2)^2$ is _____
- 2) The degree of $y = 2 (dy/dx) \sqrt{1 + (dy/dx)^2}$ is _____
- 3) The number arbitrary constants in the solution of a differential equation of degree 2 and order 3 is _____
- 4) The differentiation equation whose solution is $y = a \cos(x+2)$ is _____
- 5) The general solution of $\frac{dy}{dx} = e^{xy}$ is _____
- 6) The general solution of $x^2 \frac{dy}{dx} + y = 1$ is _____
- 7) The integrating factor of $y \frac{dx}{dy} - x = 2y^4$ is _____
- 8) The integrating factor of $(1+y^2)dx = (\tan^{-1}y - x)dy$ is _____
- 9) The general solution of $\frac{dy}{dx} = \frac{x+y}{2x}$ is _____
- 10) The general solution of $x = p^2$ where $p = \frac{dy}{dx}$ is _____
- 11) $\frac{1}{D^2-1} e^{4x} =$ _____
- 12) $\frac{1}{D^2-5D+6} e^{2x} =$ _____
- 13) The complementary function of $(D^4 - D^2)y = 2$ is _____
- 14) The solution of the differential equation $y'' + 8y' + 16y = e^{4x}$ satisfying $y(0) = 0$ and $y'(0) = 0$ is given by _____

15) The differential equation of the family of circles $x^2 + y^2 + 2\lambda x = 0$ is _____

16) The integrating factor of $y(1+xy)dx + x(1-xy)dy = 0$ is _____

17) The orthogonal trajectories of the family of curves $r\theta = \alpha$ are _____

18) The C.F of $(D^2 + 4)y = 4 \tan 2x$ is _____

19) Form the differential equation for $y = C(x-C)^n$ where C is constant _____

20) Solution of the equation $x dx + y dy + \frac{xy dy - y dx}{x^2 + y^2} = 0$ is _____

* Winners of the quiz programme: group-D
Runners of the quiz programme: group-B