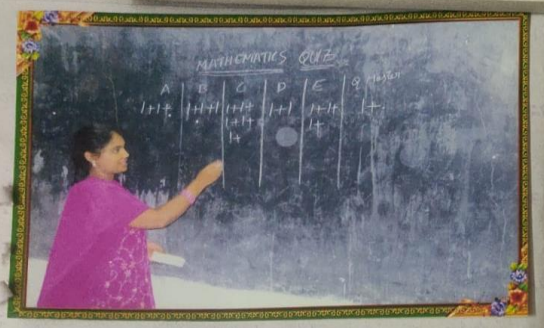
QUIZ COMPETITIONS ON 22-09-2018



Group-A: 1. S. Ramaraju
2. N. Suresh
3. I. Kanakam
4. D. Santosh
5. R. Sumanth
6. K. Khagaswara Rao

Group-B: 1. G. Mohana Rao
2. I. Haresh
3. P. Ramakrishna
4. R. Madhu
5. T. Lakshmunaidu
6. S. Rambabu

Group-C:
1. CH. Krishna Veni
2. G. Raja
3. I. Tharun Kumar
4. M. Anil Kumar
5. P. Kishore
6. K. Rowtu Balkrishna

II YEAR

Group-D
1. A. Ramesh
2. B. Mohana Babu
3. D Harish
4. G. Santosh
5. P. Naresh
6. P. Raja Rao

Group-E
1. A. Jagadeeswara Rao
2. A. Tirupathi
3. B. Ashok
4. P. Usha
5. P. Sivaji
6. S. purohiti

Signatures of attended students:

1. A. Anil
2. K. Krishna Rao
3. P. Hemanth
4. D lawanya
5. A Hari prasad
6. A Ranjan
7. K. Lavanya
8. T. Upendra
9. K. Latchu naidu
10. S. prasada Rao
11. M. Santha Rao
13. K. Jeevan Kumar
14. K. Manmadha Rao
15. V. Srinu
16. S. Nagabhushana Rao
17. M. anvesh
18. P. prasanna Kumar
19. C Nageshwar
20. G. Chandra
21. R. Srinu
22. P. prashanth
23. P. Hemanth Kumar
24. R. Bala Ramana

II YEAR

(1) The degree of differential equation $y = \sin\left[\frac{dy}{dx}\right]$ is _____

(2) The differential equation having the solution $y = c_1 + c_2 e^{3x}$ is _____

(3) The integrating factor of $(1+x^2)y' + 2xy - 4x^2 = 0$ is _____

(4) The general solution of $\frac{x\,dy - y\,dx}{x^2+y^2} = 0$ is _____

(5) The linear form of Bernoullis equation $\frac{dy}{dx} + 2y\tan x = y^2$ is _____

(6) $\frac{1}{D^2+4} 2\cos^2 x$ = _____

(7) The degree of $y = x\frac{dy}{dx}\sqrt{1+\left(\frac{dy}{dx}\right)^2}$ is _____

(8) C.F of $(4D^2+4D+1)y = x^2$ is _____

(9) The general solution of $x\,dy - y\,dx = xy^2\,dx$ is _____

(10) The I.F of $\frac{dy}{dx} + x\sin 2y = x^3\cos^2 y$ is _____

(11) The value of $\frac{1}{D+2}(x+e^x)$ is _____

(12) The general solution of the equation $p^2 - 7p + 12 = 0$ where $p = \frac{dy}{dx}$ is _____

(13) C.F of $(D-1)^2(D^2+1)y = \sin 2x$ is _____

(14) $f(x,y) = \frac{\sqrt{x}+\sqrt{y}}{\sqrt{x}-\sqrt{y}}$ is a homogenous function of degree _____

(15) Linear equation of first order in x of $(1+y^2)dx = (\tan^{-1}y - x)dy$ is _____

16) The differential equation having the solution $y = c_1 + c_2 e^{3x}$ is _____

17) First order linear equation in y of $(1-x^2)\frac{dy}{dx} + 2xy = x\sqrt{1-x^2}$ is _____

18) P.I of $(D^2-4)y = x^2$ is _____

19) If $Mdx + Ndy = 0$ is not exact and $\frac{1}{M}\left[\frac{\partial M}{\partial y} - \frac{\partial N}{\partial x}\right] = f(x)$ then an integrating factor of $Mdx + Ndy = 0$ is _____

20) The P.I of $(D^2-2D+1)y = \cosh x$ is _____

Winners of the quiz programme - group - 'A'

Runners of the quiz programme - group - 'C'

Winner of the Team: Group D