

### POPE'S COLLEGE(AUTONOMOUS)

(Accredited by NAAC-II Cycle with 'A' Grade (CGPA: 3.28)
C.S.I.-THOOTHUKUDI-NAZARETH DIOCESE
SAWWYERPURAM-628 251

#### **DEPARTMENT OF MATHEMATICS**

# A Report on Online Quiz Program

"MATHEMATICS AND ITS APPLICATIONS"

25th May 2022

PRINCIPAL
POPE'S COLLEGE
(Autonomous)
SAWYERPURAM-628251

# **Report**

An Online Quiz Program on "Mathematics and its applications" was organized by the Department of Mathematics on 25<sup>rd</sup> May 2022. The Programme was initiated by our Principal Dr.R.Immanuel. The Programme was organized with the encouragement and support rendered by our Head of the Department Dr. S.Thilaga leelavathi. A total of 142 participants attended the programme.

Questions were given in the undergraduate level covering several fields such as Calculus, Algebra, Real Analysis, Complex Analysis, Sequences, Linear Algebra and Statistics. An e – certificate was issued to all those participants who have secured above 60% in answering all the 25 questions. Out of 142 participants 91 of them scored above 60% and received the certificate for their meritorious performance. The Online Quiz Programme was efficiently designed and organized well by the Co – ordinators Dr. H. Velwet Getzimah, Assistant Professor and Dr.S.Kuberal, Assistant Professor, Department of Mathematics.



# POPE'S COLLEGE AUTONOMOUS

Accredited by NAAC-II Cycle with 'A' Grade (COPAIZ-25)

Sawyerpuram - 628251, Theothukudi District, Tamii Hadu, India



# Department of Mathematics

Presents

Online Quiz Program

on

# Mathematics and its applications

Link for Quiz

Date: 25/05/2022



Principal

Dr. R. Immanuel Pope's College Head of the Department

Dr. S. Thilaga Leelavathi Pope's College

Coordinators

Dr. H. Velwet Getzimah Assistant Professor, Pope's College Mobile: 9442486236 Dr. S. Kuberal Assistant Professor, Pope's College Mobile: 9769653230



# POPE'S COLLEGE(AUTONOMOUS),

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Sawyerpuram- 628251, Thoothukudi District, Tamil Nadu, India

Participation Certificate Certificate ID: {{Certificate id}}

This participation certificate is proudly presented to

{{full name}}

who has participated and passed in Online Quiz Program on "{{title}}}" organized by Department of Mathematics, Pope's College(Autonomous), Tamil Nadu on 25th May 2022.

Dr.S. Kuberal

Dr.H. Velwet Getzimah

Coordinator

S: التناجيب للفيا حادثات Dr.S. Thilaga Leelavathi Head of the Department Dr.R. Immanuel
Principal

# **Online Quiz Questions Link:**

https://docs.google.com/forms/d/1pn96r23\_qmXJJGYABekX1Hr4Df9 WDBnmSMZtQclgyOU/edit

Online Quiz Responses Link:

https://docs.google.com/forms/d/1pn96r23\_qmXJJGYABekX1Hr4Df9 WDBnmSMZtOclgyOU/edit#responses





21 September 2021 12:28

Find the characteristic quality of the following Malius:

I. 
$$A = \begin{bmatrix} 1 & 2 \\ 4 & 3 \end{bmatrix}_{2 \times 2}$$

The characteristic epn. of the motion is, | A-NII =0

SI = Sum of the diagonal ells

$$= 1+3=4$$

$$S_2 = 1A1 = \begin{vmatrix} 1 & 2 \\ 4 & 3 \end{vmatrix} = 3-8=-5$$

a. 
$$A = \begin{bmatrix} 3 & 0 \\ 5 & 6 \end{bmatrix}$$

The char. egn. of A is

S = Sum of the main diagonal elts

$$= 3+6 = 9$$

$$S_{a} = |\dot{A}| = \begin{vmatrix} 3 & 0 \\ 5 & 6 \end{vmatrix} = 18 - 0 = 18$$

The char. ofn. of A is |A-NII=0



# PERSONALITY DEVELOPMENT

Dr.M.JEEVITHA,
Asst Prof of Botany,
Pope's College
(Auton > COLLEGE POWTOON

## **Description**



### Importance of Personality development

4

290

2021

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#### Dr. M.Jeevitha

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