SRI A.S.N.M GOVERNMENT COLLEGE (A), PALAKOL, W.G.DT–534260.

QUIZ PROGRAMME

2017-2018

DEPARTMENT OF MATHEMATICS

Quiz Programme

Objectives:

- To encourage the Students reading habits of Mathematics and to acknowledge their interests in Mathematics
- To motivate students interest in mathematics and to enhance academic knowledge regarding the mathematics subject.
- Quiz programmes Aiding to relieve the tension of the daily work routine.
- To make students understand the basics of Mathematics in an interesting and challenging way.

Skills Achieved:

- Quiz competitions even help build the student's soft skills
- Develop quick thinking skills
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Values Achieved:

- Quiz Competitions promotes a healthy debate amongst participants in order to learn from each other.
- Math Quiz not only improve the logical thinking and help in brainstorming but also enhance the analytical and reasoning ability, problem-solving skills, and confidence.

Feedback by Students:

- Students in their feedback Quiz Program is very useful to them to learn and work in group to share their ideas in the topic
- It is very interesting among the students on the topic
- Students very happy to participate in this programme and to improve their quick thinking skills
- Students expressed thanks to the mathematics faculty to conduct the Quiz progarammes.

QUIZ PROGRAMME

2017-2018

The Department of Mathematics conducted Two Quiz Programmes on 03-03-2018 and 06-03-2018 in the Academic year 2017-2018. The department send the circular on   02-03-2018 to the students of that classes we conduct the Quiz Program. All the students were prepare on prescribed topic given by the class lecturer.
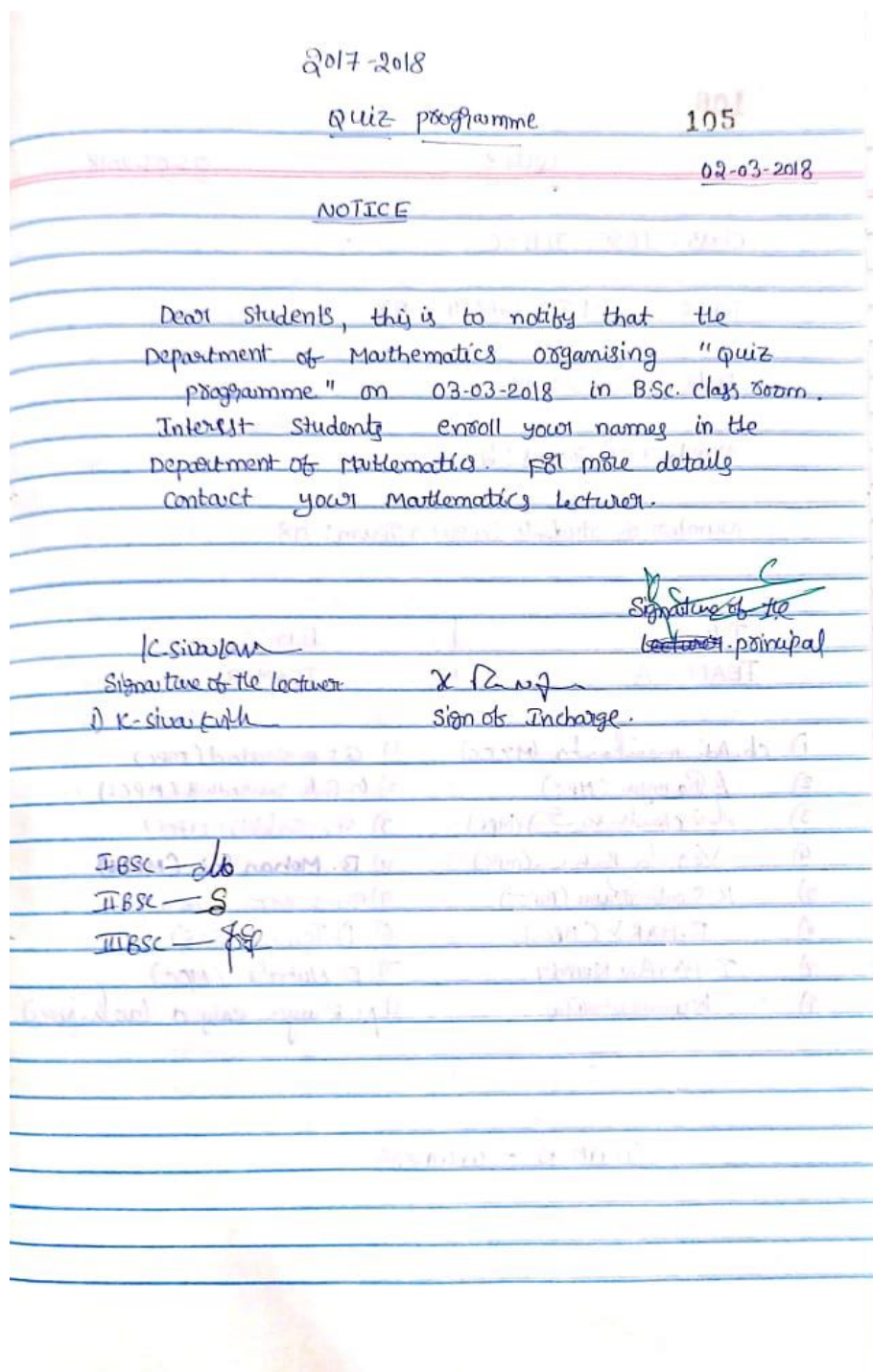
1. Dt. 03-03-2018   "QUIZ PROGRAMME"

The Department of Mathematics conducted Quiz Programme to I B.Sc. and II B.Sc students on   "Solid Geometry" on **03-03-2018**   in class Room . Two Teams participated in this Quiz Programme & students participated actively in this Quiz Programme. The Lecturer asked several questions based on General Maths and Basics on the present Syllabus Solid Geometry. The two participants are answered all the questions on their turn , this program was very well response from the students till the end.

1. Dt. 06-03-2018   "QUIZ PROGRAMME"

The Department of Mathematics conducted Quiz Programme to   II B.Sc. and III B.Sc students on   "Real Analysis" on **06-03-2018**   in class Room . Two Teams participated in this Quiz Programme & students participated actively in this Quiz Programme. The Lecturer asked several questions based on General Maths and Basics on the present Syllabus Real Analysis. The two participants are answered all the questions on their turn , this program was very well response from the students till the end.

Circular

2017-2018

Quiz Programme   105

                                        02-03-2018

NOTICE

Dear students, this is to notify that the Department of Mathematics organising "quiz programme" on 03-03-2018 in B.SC. class room. Interest students enroll your names in the Department of Mathematics. For more details contact your Mathematics Lecturer.

Signature of the
~~Lecturer~~. principal

K-sivalan
Signature of the lecturer   X Ranj
i) K-sivanath   Sign of Incharge.

I BSC — 10
II BSC — 5
III BSC — 80

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QUIZ   03-03-2018

Class : IBSC, II B.SC.

TOPIC : SOLID GEOMETRY

Date : 03-03-2018

Number of Teams : 2

Number of Students in each Team : 08

I B.SC.	II B.SC.
TEAM – A	TEAM–B
1) ch. Adi manikanta. (MP.CS)	1) G.S.B. prasad (MPC)
2) A Ramya (MPC)	2) G. B.de gangadhar (MPCS)
3) N. chandrasen (MPC)	3) T. Sahiti (MPCS)
4) Yogesh Babu (MPC)	4) B. Mohan Sai (MPCS)
5) K. Surya Prabu (MPCS)	5) P.v.S. naju (m.pc)
6) B. MARY (MPCS)	6) D. Teja (MPCS)
7) T. PAVAN Kumar	7) P. Nubala (MPC)
8) Kumara gaja	8) N. Durga Rayy a Lacshy (MPCS)

TEAM-B – winners

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Questions for Quiz programme

1) what is the general form of a plane equation
Ans: $\pi = ax + by + cz + d = 0$.

2) convert $3x + 6y + 9z = 12$ in intercept form
Ans: $\frac{x}{4} + \frac{1}{2}y + \frac{3z}{4} = 1$

3) Write unsymmetric form line equation
Ans: $a_1x + b_1y + c_1z + d_1 = 0 = a_2x + b_2y + c_2z + d_2$

4) mid point of $(1,2)$ & $(-1,-2)$ is
Ans: $\left(\frac{1-1}{2}, \frac{2-2}{2}\right) = (0,0)$

5) Distance between two parallel planes.
Ans: $|d_1 - d_2|$ / $\sqrt{a^2+b^2+c^2}$

6) Coaxial System of Sphere equation
Ans: $S + \lambda\pi = 0$ where S is the Sphere, π is the radical plane.

7) what is the condition for plane touches the Sphere.
Ans: distance from $C(x,y,z)$ to the Sphere = radius of the sphere.

8) what is the formula for two Symmetric lines are coplanar.

9) what is the general equation of sphere.
Ans: $x^2 + y^2 + z^2 + 2ux + 2vy + 2wz + d = 0$.

10) what is the condition for equation represents pair of planes.
Ans: $|\cdot| = 0$, $h^2 > ab$, $f^2 > bc$, $g^2 > ac$.

11) formula of Right circular cone.

12) In limiting points, radius $= 1$, This is [True/False]

13) formula of Enveloping cone is

14) How many prime numbers between 1 & 100

15) Srinivasa Ramanujan's date of birth.

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06-03-2018

QUIZ

Class: II B.SC, III B.SC.

TOPIC: REAL ANALYSIS

Date: 06-03-2018

NUMBER OF TEAMS: 02

Number of students in Each Team: 08

II BSC. TEAM-A	III B.SC TEAM-B
1) N. Durga Parya lathi (MPCS)	1) S.K. Gowsia
2) P. Nubala (MPC)	2) P. Bhavani Shankar
3) B. Mohan Sai (MPCs)	3) K. Divya
4) D. Teja (MPCS).	4) B. Venkat
5) G.S.A prasad (MPC)	5) P. Sairam baby
6) P.V. Snoopre (M.PC)	6) Neeline
7) G. Bala gangad ha (MPCS)	7) P. Srinivas Kumar
8) Rohiti T (MPCS)	8) G.S.A prasad kumar

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Questions for Quiz programme

1) Define Bounded sequence
2) State Cauchy's I^{st} theorem
3) Define uniform continuous
4) Define Derivability of a function.
5) State Bolzano-weirstras theorem
6) Define Absolute convergence.
7) State Rolle's theorem
8) State upper Riemann sum
9) State Ratio test
10) State Cauchy's IInd theorem.
11) Define convergent sequence.
12) Define continuous function.
13) Is every continuous function is not derivable?
14) State Laibnitz test.
15) State the monotone sequence.
16) State Lagrange's mean value theorem