4. Write a short description of Ramajun's collaborative work with different foreign scholars. 14

Unit - III

5. Discuss briefly the work done by P.C. Mahalonobis and S.N. Bose. Briefly explain the work. 7+7=14

6. Briefly explain the work done by D.R. Kaprekor and S.S. Dillai in the field of Mathematics. 7+7=14

Unit - IV

7. Describe the work done by Harischandra and C.R. Rao. 7+7=14

8. Discuss life and works of Sakuntala Devi and Narendra Karmakar. 7+7=14

Unit - V

9. Discuss briefly Sujata Ramdorai's efforts in promoting Mathematics education in India. 14

10. Write a short note on the major contribution of M. Bhargava, Akshaya Venkatesh and Srinivas Vardhana. 14

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PG EVEN SEMESTER EXAMINATION, 2023

MATHEMATICS

2nd Semester

Course No. : MAT - 556

(Evolution of modern molian Mathematics)

Full Marks : 70

Pass Marks : 28

Time : 3 hours

The figures in the margin indicate full marks for the questions

(Answer one question from each unit)

Unit - I

1. Discuss the influence of Kerala school of Mathematics on western countries and Madhava's contributions to Mathematics and Astronomy. 7+7=14

2. Briefly discuss contribution of various scholars of Kerala school of Mathematics. 14

Unit - II

3. Write a short note of major conribution of Ramajun in the field of Mathematics. 14