Time: 3 Hrs

Gunapadam – Marunthakaviyal (Pharmaceuticals) Paper I

(2016 Scheme)

• Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space Answer all parts of a single question together • Leave sufficient space between answers Draw table/diagrams/flow charts wherever necessary (2x10=20)Essavs: 1. Explain Puramarunthukal with song. Explain Karuvigal and its types. Short notes: (10x5=50)3. Explain about ointment manufacturing machine. 4. Ulmarunthu- types and song. 5. Rules and regulations of pharmacy. 6. Neetal Alavu measurements. 7. Chukku and meganadha thailam. 8. Kungiliya vennai 9. Panchadeepakini and nilavagai Chooranam 10. Kapha sura Kudineer and notchi Kudineer. 11. Thetran kottai ilagam. 12. Brahmanandha bairavam. **Answer Briefly:** (10x3=30)13. Thalisaadhi vadagam. 14. Explain karpam and sathu. 15. Explain Panchakaaram and Panchakoolam. 16. Types of Muppu. 17. Write any five medical abbreviations. 18. Aadathodai kudineer. 19. Vallarai ney.

- 20. Malakkudora mezhugu.
- 21. Legu vishamutti thailam.
- 22. Jeyaneer prayogam example.

Max. Mark: 100

Reg. No: