

ALAGAPPA UNIVERSTIY STUDY CENTRE TUTICORIN

4TH SEM ASSIGNMENT QUESTION

INTERNAL MARK: 25 / PER SUBJECT

BSC MATHS

11341A TAMIL

1. தளை என்றால் என்ன ? அதன் வகைகளை விளக்கி வரைக ?
2. கையறுநிலை என்பதை விளக்கிச் சான்று காட்டுக ?
3. மொழி நடையில் காற்புள்ளி எவ்வெவ்விடங்களில் பயன்படுத்த வேண்டும் ?
4. கம்பராமாயணத்தின் தனிச்சிறப்புகளைப் புலப்படுத்துக ?
5. ஐங்குநூறு குறித்த செய்திகளைத் தொகுத்துரைக்க

(OR)

11341B : COMMUNICATION SKILL

1. Write a short note on techniques of counseling ?
2. Write a note on planning and preparation in presentation skills ?
3. What are the qualities of a community group?
4. What are the important techniques in problem solving skills?
5. Write a short note on cooperative learning skills.

11342 ENGLISH

1. Sketch the character of Klaas Van Bommel.
2. Write about the innocence of youth in Swami and Friends.
3. What is the main theme of Romeo and Juliet?
4. Who is Antagonist in the play 'The Merchant of Venice'? Explain his Characteristics.
5. Write a short note Group discussion

11343 ANALYSIS

1. Prove that $(0,1]$ is uncountable.
2. Prove that in any metric space (M,d) each open ball is an open set.
3. Prove that every continuous function is Riemann integrable
4. i) State and prove intermediate value theorem
ii) Prove that the function $f : (0,1) \rightarrow \mathbb{R}$ defined by $f(x) = \frac{1}{x}$ is not uniformly continuous.
5. State and prove (a) Fundamental theorem of calculus. (b) Any compact subset A of a metric space M is bounded.

11344 STATISTICS

1. Explain the types of index numbers ?
2. Explain : (a) Time reversal test (b) Factor reversal test (c) Commodity reversal test
3. Give the equations of the two regression lines $4x-5y+33=0$ and $20x-9y=107$.
Decide which is the equation of the regression of y on x .
4. Find U_5 given that $U_1 = 4, U_2 = 7, U_4 = 13$ and $U_7 = 30$ by Lagrange's Formula.
5. Fit a straight line to the following data:

x:	0	1	2	3	4
f:	1	1.8	3.3	4.5	6.3