

ALAGAPPA UNIVERSTIY STUDY CENTRE TUTICORIN

1ST SEM ASSIGNMENT QUESTION

INTERNAL MARK: 25 / PER SUBJECT

BSC MATHS

11 A - TAMIL PAPER – I

1. தேம்பாவணியைப் பற்றி விளக்குக ?
2. இறைவனை எப்போது எப்படி வணங்க வேண்டும் என்று கண்ணதாசன் குறிப்பிடுகிறார். விவரிக்க ?
3. பிறை நிலவைத் தூரன் எங்ஙனம் வருணிக்கின்றார் ?
4. சிலப்பதிகாரம் உரைக்கும் மூன்று உண்மைகளை எடுத்துரைக்க ?
5. கண்ணன் செய்யும் குறும்புகளாகப் பாரதியார் கூறுவனவற்றை எழுதுக ?

OR

11B – COMMUNICATION SKILLS – I

1. Briefly discuss on the various forms of formal communication ?
2. Explain the main types of intonation functions ?
3. 'English is a dynamic language' — Explain.
4. Write a paragraph on 'My Role Model'
5. Elaborate on the format of a report and the types of reports

12 ENGLISH PAPER – I

1. What was the result of the end of dinosaurs?
2. Describe how Mrs. Packletide's big-game shooting ended ?
3. Discuss the role played by Gandhi in South Africa.
4. Discuss how drugs damage mind and body alike?
5. A college student had approached a bank manager in order to avail educational loan. Write a dialogue between the student and the bank manager.

11313 CLASSICAL ALGEBRA

1. Diminish the roots of $x^4 - x^3 - 10x^2 + 4x + 24 = 0$ by 2
2. Briefly explain about Horner's method ?
3. Mention the types of Matrices
4. Solve $3x - y + 2z = 1$, $x - y + z = -1$, $2x - 2y + 3z = 2$
5. Find positive root of $2x^3 - 3x - 6 = 0$

11314 CALCULUS

1. Find the equation of the tangent to $y^2 = 4ax$ at $(at^2, 2at)$
2. Form the differential equation of family of circles with radius r and with centres on the y axis (r is arbitrary)
3. Find the complete integral for $z = px + qy + p^2 + q^2$
4. Evaluate $\int \sin^6 x \, dx$
5. Solve $(D^2 - 1)y = x e^{3x}$