

ALAGAPPA UNIVERSTIY STUDY CENTRE TUTICORIN

3rd SEM ASSIGNMENT QUESTION

INTERNAL MARK: 25 / PER SUBJECT

BSC MATHS

31A தமிழ் - III

1. சுவடுகள் நாவலின் கதைச்சுருக்கத்தை எழுதுக ?
2. திருக்குறளின் தனிச்சிறப்புகளைச் சான்றுகளுடன் விளக்குக ?
3. இராசராசசோழனின் உண்மை வரலாற்றைச் சுருக்கி வரைக ?
4. கார்க்காலத்தை முல்லைப்பாட்டு எங்கனம் வருணனைச் செய்கிறது ?
5. கையறுநிலை ஆனந்தபையுள் - ஆகியன குறித்து விவரிக்க ?

or

31B - Human Skills Development – I

1. What are the merits of good habits?
2. Why should one develop one's personality?
3. Describe the etiquettes for using mobile phones.
4. Enumerate the characteristics of a good counsellor.
5. State why change in attitude is necessary?

32 - ENGLISH - PAPER III

1. Write a note on the Verger's illiteracy?
2. How do Ratan and the Postmaster experience loneliness at different phases of their lives?
3. Write a note on the inhuman behavior of Professor Henry Corrie.
4. What are the conflicts between Philip and Uncle James?
5. What are the features of an agenda?

11333 DIFFERENTIAL EQUATIONS AND ITS APPLICATIONS

1. SOLVE $4P^2 - 8p+3=0$
2. Eliminate the arbitrary function from $z = f\left(\frac{y}{x}\right)$ and form the partial differential equation
3. Solve by Charpits method $q = px + p^2$
4. SOLVE $z(z-y)dx + (z+x)z dy + x(x+y) dz =0$ by forming auxiliary equations
5.
 1. Define Brachistochrone problem
 2. Form the differential equation by eliminating the arbitrary constants a & b from $z=axy + b$

11334 MECHANICS

1. State and prove the converse of the triangle law of forces
2. Obtain the resultant of two like parallel forces acting on a rigid body.
3. Derive the intrinsic equation of the catenary
4. Prove that the path of projectile is a parabola
5. Derive the pedal equation of central orbit