

ANNAMALAI UNIVERSITY, ANNAMALAI NAGAR

ASSIGNMENT

B.Sc. Mathematics (Semester I)

ASSIGNMENT TOPICS

148E1110 - பகுதி-I செய்யுளும் இலக்கணமும்-I

அனைத்து வினாக்களுக்கும் விடை அளிக்க

1. கல்வி கற்கும் முறையினைப் பழமொழி ஆசிரியர் வழி நின்று –விளக்குக.
2. கல்லாதார் இழிவுகளை பழமொழி நானூறு எங்கனம் எடுத்துரைக்கிறது.
3. "ஞாயிற்றைக் கை மறைப்பாரில்" – விளக்குக.
4. அம்பு பாய்ந்த வாலியின் நிலையினை விவரி.
5. வாலிக்கு இராமன் கூறிய மறுமொழிகள் யாது

Assignment Topics for First Semester Courses

Part II English : English Through Literature-I : Prose

Write in about 300 words on any Five of the following topics:

1. The Habit of Reading Books
 2. Modern Grammar VS Traditional Grammar
 3. Mahatma Gandhi
 4. Huxley's views on Beauty Industry
 5. Conjunctions and Interjections
 6. Mother Teresa's Experiences in Calcutta
 7. Dogs as Friends
 8. George Orwell's Book Shop Memories.
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Course – 1 – Calculus

Answer **all** questions

Max. Mark: 25

(5 × 5 = 25)

1. Find $\frac{dy}{dx}$ if $y = 5x e^{2x}$.
2. Find y_n , if $y = x^2 e^x \cos x$.
3. Verify Euler's theorem for $f = x^4 - x^3 y - 9x^2 y^2 + 4x y^3 - y^4$.
4. By changing the order of integration evaluate $\int_{-1}^1 \int_2^3 xy \, dx \, dy$.
5. Using beta function evaluate $\int_0^1 (t^2 - t)^2 dt$.

Course - 1 - Accountancy I

Answer **all** questions

Max. Mark: 25

5 X 5 = 25

1. Define Book keeping and accounting.
2. What is depreciation? What are its characteristics?
3. Prepare trial balance from the following

	Rs		Rs
Capital	40,000	Opening stock	12,000
Machinery	30,000	Wages	3,000
Purchases	80,000	Salaries	12,000
Sales	1, 10,000	Debtors	28,000
Creditors	16,000	Interest received	2,000
Cash in hand	3,000		

4. A merchant has purchased goods the due date for the payment of which are as follows:

Due Date	Amount	Due Date	Amount
March 15	1000	April 21	1500
April 27	500	May 15	600

He wishes to give a bill for the total amount due, the bill to be drawn on the Average due date. Ascertain this date.

5. From the following balance as at 31st Dec 2004 of a trader, prepare trading and profit and loss a/c for the year and a balance sheet as on that date

	Rs.		Rs.
Salaries	5500	Creditors	9500
Rent	1300	Sales	32000
Furniture	1000	Capital	40000
Debtor	40000		
Stationery	600		
Purchases	25000		
Cash in hand	2500		
Bank balance	5600		
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	81500		81500
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Adjustments:

- a) Closing stock Rs. 9000
- b) Salary outstanding Rs.500
- c) Rent paid in advance Rs.100
- d) Create provision for doubtful debts at 5% on debtors