STUDY + DIET + EXAM PREP MASTER PLAN (Generated)

This PDF combines:

1. Your exam schedule

2. What to study for each subject (based on official BITS handouts)

3. Daily study sequencing

4. Diet plan for fat loss + energy stability

5. Key deadlines

SUBJECT CONTENT SUMMARY (from uploaded handouts):

MATH F211 (Mathematics III) Topics:

- First & Second Order ODEs, Systems of ODEs

- Series Solutions, Hypergeometric Equations

- Special Functions: Legendre, Chebyshev, Bessel

- Laplace Transforms

- Fourier Series

- Sturm–Liouville Problems

- PDEs (Heat, Wave, Laplace)

(Ref: MATH F211 handout)

MAC F211 (Linear Algebra & Apps):

- Vector spaces, inner product spaces

- Orthogonal projections, QR decomposition

- Eigenvalues, diagonalization, spectral theorem

- SVD, PCA, least squares

(Ref: Course package)

MAC F212 (OOP):

- Classes, objects, inheritance, polymorphism

- Exception handling, multithreading

- OOD patterns

(Ref: Course package)

MAC F213 (Discrete Mathematics):

- Set theory, logic, proof methods

- Combinatorics

- Graph theory fundamentals

(Ref: Course package)

MAC F214 (Real Analysis):

- Metric spaces, limits, continuity

- Compactness, connectedness

- Riemann integration

- Uniform convergence

(Ref: Course package)

ECON F211:

- Demand, supply, elasticity

- Cost, market structures

- Monopoly, oligopoly

- Asymmetric info, public goods

- Macro: GDP, inflation, policy

(Ref: ECON F211 handout)

ECON F212 (Finance & Accounting):

- Journal, ledger, trial balance

- Balance sheet, P&L;, cash flows

- Ratio analysis

- Indian financial system

- Interest rates & security valuation

- Markets: money, bond, forex, derivatives

(Ref: ECON F212 handout)

DAILY STUDY SEQUENCE (Nov 24–30):

- 2 hours: ECON F212

- 2 hours: MAC F211

- 1 hour: rotation of MAC F213, MAC F214, ECON F211

- Complete ECON F212 assignment by Nov 25, 5PM

DEC 1 → 16 STUDY PLAN:

Dec 1: MATH F211 exam → evening ECON F211

Dec 2: ECON F211 full revision

Dec 3: ECON F211 exam → evening MAC F214

Dec 4: MAC F214 full prep

Dec 5: MAC F214 exam → evening MAC F213

Dec 6–7: MAC F213 heavy prep

Dec 8: MAC F213 exam → evening MAC F211

Dec 9: MAC F211

Dec 10: MAC F211 exam → evening MAC F212

Dec 11–12: MAC F212 prep

Dec 13: MAC F212 exam → evening ECON F212

Dec 14–15: ECON F212 prep

Dec 16: ECON F212 exam

DIET PLAN:

Goal: 1800–2000 kcal + 120–150g protein

2–3 eggs/day, 1–2 scoops whey

Daily Rules:

- Skip fried snacks

- Choose chapati over rice

- Dal: unlimited

- Salad: unlimited

- Limit desserts to zero

- Whey: morning or post-study

Meal Examples (based on mess menu):

- Breakfast: eggs + sambar + 1 chilla OR poha

- Lunch: chapati (2), dal (1 bowl), 1 sabji, salad

- Snacks: tea/coffee only

- Dinner: egg curry OR paneer + 2 rotis + rasam

This document can be regenerated with more detail if needed.