WEEKLY ASSESSMENT SYLLABUS
A2

ENGLISH LANGUAGE
1. Short writing task and reflective commentary
2. Extended writing

MATHEMATICS
PURE MATHEMATICS 3
1. Modulus functions
2. Polynomials
3. Partial fractions
4. Binomial expansion
5. Logarithmic and Exponential Functions
6. Trigonometry
7. Differential Calculus
8. Numerical solutions of equations

STATISTICS 2
1. Poisson Distribution
2. Linear combination of random variables
3. Sampling and Estimation
4. Hypothesis testing of discrete distribution.

MECHANICS 1
1. Complete syllabus

PHYSICS
1.Electrostatics

CHEMISTRY
1. Organic nitrogen compound,
2. Polymerisation,
3. Applications of analytical chemistry

BIOLOGY
- Inheritance
- Selection and evolution
- Classification,biodiversity,conservation

ACCOUNTING

- Investment Appraisal
- ABC Costing

ECONOMICS
Section 7:
Ch 34, 35, 36, 37
Section 8:
Ch 39, 40

PSYCHOLOGY
Chapter 4 - Learning approach
4.1 Core study 1: Bandura et al. (aggression) 84
4.2 Core study 2: Saavedra and Silverman
(button phobia) 90
4.3 Core study 3: Pepperberg (parrot learning) 94
4.4 Issues, debates and approaches

FURTHER MATHEMATICS
PAPER 1 - FUTHER PURE MATHEMATICS
Choice between AS and A LEVEL questions to be according to the options explained in class.
1. Hyperbolic functions (A LEVEL)
2. Matrices (A LEVEL)
3. Graphing rational functions (AS LEVEL)
4. Polar Co-ordinates (AS LEVEL)
5. Matrices (AS LEVEL – compulsory for both)

PAPER 2
1. Complete S2 syllabus (A LEVEL)

PAPER 3 – FURTHER MECHANICS
1. Projectile motion
2. Moments
3. Centre of mass of uniform and non-uniform objects

HISTORY

17/8/2022- Topic 1- Why was there a crisis over Cuba in the 1960s and how did it affect the US-Soviet relations?
Topic 2- Why did the Cold War come to an end in 1989?