

**OTPJC UNIT TEST SYLLABUS (August 2014)**

CHEMISTRY	
1	SOLID STATE
2	SOLUTION AND COLLIGATIVE PROPERTIES
3	THERMODYNAMICS
4	ELECTROCHEMISTRY
5	CHEMICAL KINETICS

PHYSICS	
1	CIRCULAR MOTION
2	GRAVITATION
3	ROTATIONAL MOTION
4	ELASTICITY
5	SURFACE TENSION
6	OSCILLATION

MATHEMATICS	
1	MATHEMATICAL LOGIC
2	THREE DIMENSIONAL GEOMETRY
3	LINE
4	PLANE
5	LPP
6	CONTINUITY
7	DIFFERENTIATION

PSYCHOLOGY	
1	INTELLIGENCE
2	PERSONALITY
3	STRESS MANAGEMENT
4	PSYCHOLOGICAL DISORDERS AND THERAPIES

ENGLISH	
1	UNIT 1 TO UNIT 5

CS	
1	OPERATING SYSTEM
2	DATA STRUCTURE

BIO	
1	CIRCULATION
2	HUMAN REPRODUCTION
3	CHROMOSOMAL BASIS OF INHERITANCE
4	GENETIC BASIS OF INHERITANCE
5	SEXUAL REPRODUCTION IN FLOWERING PLANTS

EM	
1	MAINTANENCE
2	TRANSFORMER
3	SINGLE PHASE MOTOR
4	HV SUBSTATION
5	SYNCHRONOUS MOTOR
6	FUSES
7	MISCELLANEOUS

IT	
2	CYBER LAW AND ETHICS
3	E- COMMERCE
4	CLIENT SIDE SCRIPTING USING JAVASCRIPT