

**UNIVERSITY OF NEW BRUNSWICK  
DEPARTMENT OF CHEMICAL ENGINEERING**

**UN 0702 POWER PLANT THERMODYNAMICS**

**QUESTION BANK**

**2005**

**PREPARED BY**

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**REFERENCE TEXT**

**UNESCO ENCYCLOPEDIA OF LIFE SUPPORT SYSTEMS**

**THEME 3.10 THERMAL POWER PLANTS**

**ARTICLES BY R.A. CHAPLIN**

# UN 0701 POWER PLANT THERMODYNAMICS

## QUESTION BANK

### CONTENTS

#### SECTION T THERMODYNAMICS

##### Assignment Problems

Problem T-04	T-s Diagrams
Problem T-05	Steam Cycle Efficiency
Problem T-12	Available Energy
Problem T-13	Available Energy

##### Steam Cycles

Problem T-21	T-s and h-s Diagrams
Problem T-22	T-s Diagram
Problem T-23	T-s Diagram
Problem T-24	Steam Cycle Efficiency
Problem T-25	Steam Cycle Available Energy
Problem T-26	Steam Cycle Efficiency

##### Plant Efficiency

Problem T-31	Heat Balance Diagram
Problem T-32	Steam Plant Efficiency
Problem T-33	Environmental Heat Discharge
Problem T-34	Point Lepreau Cycle Efficiency
Problem T-35	Belledune Heat Balance Diagram

##### Heat Exchanger Effectiveness

Problem T-41	Available Energy in Attemperator
Problem T-42	Steam Generator Efficiency and Effectiveness
Problem T-43	AGR Efficiency and Effectiveness
Problem T-44	AGR Efficiency and Effectiveness
Problem T-45	Feedwater Heater Effectiveness
Problem T-46	HTR Steam Generator Effectiveness
Problem T-47	CANDU Steam Generator Analysis
Problem T-48	Feedwater Heater Effectiveness
Problem T-49	Belledune Cycle Efficiency



### Fuel Channel Conditions

Problem H-51	CANDU Fuel Channel Pressure Drop	
Problem H-52	Friction Pressure Drop	
Problem H-53	BWR Two Phase Heat Transfer	
Problem H-54	Friction and Acceleration Pressure Drops	(12-10)
Problem H-55	Friction and Acceleration Pressure Drops	(12-11)
Problem H-56	Heat Transfer Coefficient in Reactor	(9-8)
Problem H-57	Water Velocity in Reactor	(9-9)
Problem H-58	Heat Input to Channel	(12-1)
Problem H-59	Exit Void Fraction of Channel	(12-2)

### SECTION W TWO PHASE AND OPERATIONAL PHENOMENA

#### CANDU Operational Conditions (Past Shift Supervisor Exam Questions)

Problem W-21	Sensible and Latent Heat	
Problem W-22	Temperatures and Pressures	(UNB Test Question)
Problem W-23	Boiler Conditions	
Problem W-24	Feedwater Flow	
Problem W-25	Boiler Level Ramp	
Problem W-26	Boiler Level Changes	(UNB Test Question)
Problem W-27	Ramped Boiler Level	
Problem W-28	Three Element Controller	(UNB Test Question)
Problem W-29	Steam Generator Tubes	
Problem W-30	Moisture Carry Over	
Problem W-31	Boiler Water Purity	
Problem W-32	Boiler Water Swelling	
Problem W-33	Swelling and Shrinking	(UNB Test Question)
Problem W-35	Crash Cooling	
Problem W-36	CANDU Coolant Circuit Pump Failure	
Problem W-37	Fuel Channel Boiling	(UNB Test Question)
Problem W-38	Boiling and Dryout	

#### General Operational Conditions

Problem W-52	Mass and Volume Fractions
Problem W-53	Fuel Channel Conditions
Problem W-54	Boiling and Steam Generators
Problem W-55	Boiling Phenomena
Problem W-57	Two-Phase Transients
Problem W-58	Steam Generator Swelling

### SECTION D TURBINE DESIGN

#### Velocity Diagrams

- Problem D-08 Velocity Compounded Impulse Turbine
- Problem D-09 Velocity Compounded Impulse Turbine
- Problem D-10 Velocity Compounded Impulse Turbine
- Problem D-11 Pressure Compounded Impulse Turbine
- Problem D-15 Blade Angles and Velocities
- Problem D-16 Turbine Casing Design
- Problem D-17 Twisted Blades

### **Velocity Diagrams**

- Problem D-21 Single Stage Impulse Turbine
- Problem D-22 One Stage of Reaction Turbine
- Problem D-23 Curtis Type Impulse Turbine
- Problem D-24 One Stage of Reaction Turbine
- Problem D-25 50% Reaction Turbine
- Problem D-28 Last Stage of 1000 MW Turbine
- Problem D-29 Last Stage of 1000 MW Turbine

### **Blading Arrangement**

- Problem D-31 Types of Blading
- Problem D-32 Identification of Blading
- Problem D-33 Operating Conditions for Specified Blades
- Problem D-37 Impulse and Reaction Blading
- Problem D-38 Turbine Blading

## **SECTION P TURBINE PERFORMANCE**

### **Part Load Operation**

- Problem P-09 Turbine Blade Erosion
- Problem P-13 Turbine Low Load Operation
- Problem P-14 Turbine Part Load Operation
- Problem P-17 Turbine Part Load Operation

### **Steam Sealing Systems**

- Problem P-21 Typical Turbine Sealing System
- Problem P-22 Labyrinth Shaft Seal Operation
- Problem P-23 Turbine Sealing Steam System
- Problem P-24 Turbine Labyrinth Seal Operation

### **Losses and Performance**

- Problem P-31 Turbine Losses

- Problem P-33 Turbine Supersaturation Loss
- Problem P-34 Turbine Supersaturation Loss
- Problem P-35 Water Passage in Turbine Blades
- Problem P-36 Water Formation and Removal
- Problem P-37 Water Formation and Removal and Blade Erosion

### **Part Load Operation**

- Problem P-41 Turbine Output at Reduced Load
- Problem P-42 Turbine Zero Load Conditions
- Problem P-43 Part Load Operational Conditions
- Problem P-44 Part Load Operation in Submarine
- Problem P-45 Turbine Operational Conditions
- Problem P-46 Condenser Operation
- Problem P-47 Air Extraction and Condenser Performance
- Problem P-48 Air Extraction and Condenser Performance

### **Note**

In Sections R and Section H numbers in brackets on right hand side are problem numbers from "Nuclear Heat Transport" by M.M. El-Wakil.

In Section D many problems come originally from Chapter 5 of "Powerplant Technology" by M.M. El-Wakil.

El-Wakil is Emeritus Professor at University of Wisconsin where he helped establish the nuclear engineering program and has received awards for "his outstanding work in the areas of communication, education and research".