Materials Available in www.jdrr.yolasite.com

(AFormerly as www.jdrr5.co.cc)

Aeronautical Engineering

Model Question Papers

- Aero Engine Maintenance And Repair
- Aero Engineering Thermodynamics
- Aerodynamics-I
- Aircraft Engine And Instrument System
- Aircraft Performance
- Aircraft Stability And Control
- Aircraft Structures-I
- Aircraft Structures-II
- Airframe Maintenance And Repair
- Avionics
- Composite Materials And Structures
- Computer Integrated Manufacturing
- Control Systems
- Experimental Stress Analysis
- Experimental Aerodynamics - Chennai 2012
- Computational Fluid Dynamics
- Finite Element Analysis
- Flight Dynamics
- Fluid Mechanics And Machinery
- High Temperature Materials
- Mechanics of Machines
- Propulsion-I
- Propulsion-II
- Rockets And Missiles
- Theory Of Vibrations
- Total Quality Management
- Vibration And Aero Elasticity
- Wind Tunnel Techniques
Question Bank

- Aerodynamics-II
- Aircraft General Engineering And Maintenance Applications
- Airframe Maintenance And Repair
- Avionics
- Elements Of Aeronautics
- Experimental Stress Analysis
- Finite Element Analysis
- Heat Transfer
- Partial Differential Equations
- Total Quality Management

Notes

- Ablative Heat Transfer
- Aerodynamic Heating
- Aerodynamic Forces
- Aerodynamics-I Full Notes
- Aerodynamics-I Derivations
- Aerodynamics I & II Derivations
- Aircraft Electronics And Microprocessor Applications
- Aircraft Structures
- Aircraft Systems And Instrumentation
- Air Traffic Control And Aerodrome Design
- Composite Materials And Structures
- Lift - Why Can Aircraft Flies?
- Production Planning And Control
- Rocket Thrust Chambers
- Solid Mechanics
- Structural Analysis
- Total Quality Management Complete Notes
- Total Quality Management Full Notes
- Theory Of Vibrations
- Experimental Aerodynamics
- Experimental Aerodynamics
- Experimental Aerodynamics

Reference Materials
Subject: Aerodynamics

- Aerodynamics For Engineers 5th Edition
- Aerodynamics_1964
- Basic Fluid Mechanics And Hydraulic Machines
- Elements Of Gas Dynamics
- Fluid Mechanics By Kundu
- Hypersonic And High Temperature Gas Dynamics
- Introductory Aerodynamics And Hydrodynamics Of Wings And Bodies - A Software Based Approach AIAA Education Series
- Investigations Of The Transonic Flow Around Oscillating Airfoils
- Theoretical Fluid Dynamics 2nd Edition

Subject: Computational Fluid Dynamics (CFD) Notes

- Basics Of Discretisation Methods
- Cfd
- Formulation And Solution Of Difference Equations
- Generic Form Of Conservation Equations
- Mathematical Behaviour Of PDE Relevant To CFD
- Tips Vector Tensor

Subject: CFD Reference Books

- An Introduction to CFD By Versteeg
- Computational Fluid Dynamics Vol.I - Hoffmann
- Finite Element Analysis By Lakshmi Narasaiah
- CFD by John F Wendt

Subject: Experimental Aerodynamics

- Experimental Aerodynamics Complete Reference Materials

Subject: Heat Transfer
Heat Transfer by Yunus A. Cengel, 2nd Edition
Ablative Heat Transfer
Heat Transfer - QB
Heat Transfer A Practical Approach 2nd Edition [YUNUS CENGEL]
A Practical Guide to Compressor Technology
Incropera Heat Transfer
Engineering & Technical Drawing Using Solid Edge V16 (Tutorial)
CFD-The FV Approach--W.MALALASEKARA
Heat and Mass Transfer IIT
Intermediate Heat Transfer (kau-fui vincent wong)
Heat and Mass Transfer
Applied Thermodynamics IIT
Heat Transfer (J.P. Holman)

Subject: Theory Of Vibrations

- Structural Vibrations
- Vibration - Fundamentals
- Vibration Analysis in Engineering
- Vibration Engineering (Text Book)

PPT Notes

- Aero Engine Maintenance And Repair
- Aerodynamics
- Aerodynamics-II
- Aircraft General Engineering And Maintenance Applications
- Computational Fluid Dynamics
- Heat Transfer Problems In Gas Turbine Combustion Chambers
- Aircraft Structures-II
Experimental Stress Analysis
Finite Element Analysis
High Temperature Materials
Propulsion-II

Two Marks With Answers

Aero Engine Maintenance And Repair
Aero Engineering Thermodynamics
Aerodynamics-I
Aircraft Stability And Control
Aircraft Structures-I
Aircraft Systems And Instrumentation
Aircraft Transportation And Maintenance Management
Avionics
Basic Civil And Mechanics
Composite Materials And Structures
Computer Integrated Manufacturing
Experimental Stress Analysis
Finite Element Analysis
Flight Dynamics
Fluid Mechanics And Machinery
Kinematics Of Machinery
Mechanics Of Machines
Partial Differential Equations
Principles Of Management
Solid Mechanics
Strength Of Materials
Theory Of Elasticity
Total Quality Management

Books

Aircraft Computational Design By Daniel P Raymer
Aircraft Rules And Regulations
Aircraft Structures By Megson
Solved Problem Answers For Aircraft Structures By Megson

Design Lab Record (In MS Word Format)
Aircraft Design Lab - 1
Aircraft Design Lab – 2

Other Useful Materials

- Aviation Dictionary
- Airbus Timiline - 40 Years Of Innovation
- Make Your Own Airbus 380
- Make And Colour Your Own Airbus 380
Electrical Communication Engineering

Model Question Paper

- Communication Theory
- Computer Architecture
- Computer Hardware And Interfacing
- Control Systems
- Data Structures
- Data Base Management System
- Digital Communication
- Digital Electronics
- Digital Signal Processing
- Digital System Design
- Digital Systems
- Electrical Engineering And Control Systems
- Electrical Machines
- Electro Magnetic Field Theory
- Electro Magnetic Fields
- Electro Magnetic Fields
- Electronic Circuits - I
- Electronic Circuits - II
- Electronic Devices
- Electronic Measurements And Instruments
- Electronics And Communication Engineering
- Electronics
- Elements Of Electrical Machines
- Embedded Systems
- Environmental Science And Engineering
- High Speed Networks
- Linear Integrated Circuits
- Measurement And Instrumentation
- Medical Electronics
- Microprocessor And Its Applications
- Microwave Engineering
- Mobile Communication
- Network Theory
- Optical Communication
- Principles Of Environmental Science And Engineering
- Principles Of Management
Random Process
Satellite Communication
Signals And Systems
System Software
Telecommunication Switching And Networks
Television And Video Engineering
Total Quality Management
Transmission Lines And Waveguides
VLSI Design
Wireless Networks

**Question Bank**

Antenna And Wave Propagation
Communication Engineering
Communication Theory
Computer Networks
Controls Systems
Digital Signal Processing
Electric Circuits And Electron Devices
Embedded Systems
Linear Integrated Circuits
Microwave Engineering
Television Engineering

**Two Marks With Answers**

Communication Engineering
Communication Systems
Communication Theory
Computer Architecture
Computer Architecture
Digital Electronics
Digital image Processing
Digital Signal Processing
Electronic Circuit - II
Linear Integrated Circuits
Microcontroller
Microprocessor And Microcontroller
Microwave Engineering
- Optical Communication
- Satellite Communication
- Software Engineering
- Software Quality Assurance
- Telecommunication Systems
- Television And Video Engineering
- Total Quality Management
- VLSI Design

**Notes**

- Principles of Management
- Professional Ethics
- VLSI Design

**Semester I & II**

**Model Question Papers**

- Basic Civil And Mechanical Engineering
- Basic Electricals And Electronics Engineering
- Basic Electrical And Electronics Engineering
- Engineering Chemistry I
- Engineering Chemistry II
- Engineering Mechanics
- Engineering Physics
- Engineering Physics – I
- Engineering Physics – II
- Fundamentals Of Computer Programming
- Mathematics – I
- Mathematics II
- Mathematics III
- Mathematics III
- Numerical Methods
- Technical English
Question Bank

- Engineering Chemistry
- Engineering Chemistry - I
- Engineering Physics-I
- Engineering Graphics
- Engineering Physics – I
- Fundamentals Of Computing & Programming
- Engineering Mathematics I

Notes

- Basic Electricals And Electronics Engineering
- Fundamentals of Computing and Programming

Two Marks With Answers

- Basic Electrical Engineering
- Engineering Chemistry - 2 Marks & 16 Marks With Answers
- Physics
- Basic Electricals And Electronics Engineering

Picture Gallery

- Basics Of Aircraft
- Spacecrafts
- Aircrafts Used In First World War
- Aircrafts Used In 1950's
- Ornithopters
- Aircrafts Used In Second World War
- Aircrafts Used In 1930's
- Wright Brother's Aircraft
- Aircraft Interior Decorations
Placement Materials

- Apptitude For Bank Exams
- Apptitude for Software companies
- Apptitude Sample Questions & Answers
- Aptitude - Detail & Easy Explanations
- C Programming
- C And C++ Questions With Solutions
- Common Aptitude With Answers
- Cover Letter Tips and Samples
- Do & Don’t in Interview PPT
- English
- Formula handbook
- Grammar
- How to Pass Advanced Verbal Reasoning Tests
- HR Questions PPT
- Interview Q & A
- IQ Brainteasers
- Logical Reasoning
- Placement Guide For CSE Students
- Placement Guide
- Problem Solve Tips
- Problem Solving Type
- Puzzles
- Quantitative Apptitude
- Questions to Ask on Your Interview
- R.S.Agarwal Aptitude Test Book (Basic concepts, definitions and identities)
- R.S.Agarwal -- Verbal And Non-Verbal
- R.S.Agarwal -- Quantitative Apptitude
- Resume Model
- Resume Preparation Tips
- R S Aggarwal Verbal Reasoning Book
- Tamil Proverbs
- Technical Apptitude Questions For IT Companies
- The Great Book Of Puzzles And Teasers
Job Oriented Softwares

Catia Tutorials

- Catia Installation & Admin Guide
- AirBus - 3D Modelling Rules For Catia V5
- Catia V5 - Assembly Design
- Catia V5 - Mechanical Design
- Catia V5 - Sketcher
- Catia V5 - Wireframe & Surface
- Catia V5 - Workbook R3
- Catia V5 - Workbook R6 & R7

Catia Individual Modules

- Advanced Machining
- Aerospace Sheet Metal Design
- Assembly Design
- Assembly Drafting For Speaker
- Automotive Body In White Fastening
- Axis Surface Machining
- Catia CADAM Interfacing
- Catia ENOVIA Inter-probability
- Circuit Board Design
- Core And Cavity Design
- Data Exchange Interfaces
- Digitized Shape Editor
- DMU Engineering Analysis Review
- DMU Fitting Simulator
- DMU Kinematic Simulator
- DMU Optimizer
- DMU Space Analysis
- DMU Space Engineering Assistant - 1
- DMU Space Engineering Assistant - 2
- Electrical Cable Routing
- Electrical Harness Flattening
- Electrical Harness Installation
- Electrical Library
- Electrical System Function Definition
- Electrical Wire Routing
- ELFINI Solver
- Equipment Arrangement
- Equipment Support Structures
- Finite Element Reference Guide
- Free Style Shaper, Optimizer & Profiler
- Free Style Sketcher
- Functional Tolerancing & Annotations
- Generative Drafting
- Generative Shape Design
- Generative Structural Analysis
- Hanger Design
- Healing Assistant
- Human Activity Analysis
- Human Builder
- Human Measurements Editor
- Human Posture Analysis
- HVAC Design
- HVAC Diagrams
- Interactive Drafting
- Knowledge Advisor
- Knowledge Expert
- Lathe Machining
- Mold Tooling Design
- Multi Axis Surface Machining
- Multi CAx AD Plugin
- Multi CAx I Plugin
- Multi CAx P Plugin
- Multi CAx Solidedge Plugin
- Multi CAx Solidworks Plugin
- Multi CAx U Plugin
- NC Manufacturing Review
- NC Manufacturing Infrastructure
- Part Design
- Part Design Feature Recognition
- Photo Studio
- Photo Studio Optimizer
- Piping & Instrumentation
- Piping Design
- Plant Layout
- Prismatic Machining
- Prismatic Machining Preparation
- Product Engineer Optimizer
- Product Function Optimization
- Product Functional Definition
- Product Knowledge Template
- Product Structure
- Quick Surface Reconstruction
- Raceway & Coundit Design
- Real Time Rendering
- Sheet Metal Production
- Sheet Metal Design
- Sketcher
- STL Rapid Prototyping
- Structure Design
- Structure Functional Diagram
- Structure Preliminary Layout
- Systems Routing
- Systems Space Reservation
- Tubing Design
- Tubing Diagram
- V4 Integration
- Wave Guide Design
- Wave Guide Diagrams
- Weld Design
- Wireframe & Surface

**Ansys**

- Ansys Tutorial
- Ansys Fluent 6.3 UDF Manual
- Structural & Thermal Analysis By FEM Using Ansys
- System Modelling & Simulation
- Practical Course On Finite Element Method

**Nastran & Patran**

- MSC Nastran 2001 - User Guide
- MSC Patran & MSC Nastran Preference Guide - Structural Analysis
**Hypermesh**

- HyperMesh Introduction - Video
- Hex Mesh Generation Using Hypermesh - Part 1
- Hex Mesh Generation Using Hypermesh - Part 2
- Hex Mesh Generation Using Hypermesh - Part 3
- Hypermesh - Reorganization Of Surfaces
- HyperMesh 8.0 LS-DYNA Solver Interface Tutorials
- HyperMesh 8.0 Meshing Tutorials
- HyperMesh 8.0 User's Guide
- Hypermesh 9.0 To Find Torque, Force, Stress
- Hypermesh Advance tutorial
- Hypermesh for Troubleshooting Mass and Inertial Properties
- Hypermesh Introduction to Menus
- Hypermesh Shell Problem
- Hypermesh Step by Step Solution Guide
- Hypermesh Thin Walled Pressure Problem
- Hypermesh Tutorial For Verification of Stress and Restraints
- HyperMesh-Fluent Steps
- Hyperworks Tutorials - Engineering Solutions 11.0

**Finite Element Analysis**

- Basic Discretisation Method
- Finite Element Analysis - Book
- Finite Element Analysis Of Structural Steelwork
- Finite Element Analysis
- Finite Element Method & Boundary Element Method
- Finite Element Method Programming With Mathematics
- Finite Element Method Using Pro ENGINEER And ANSYS
- Finite Element Programming
- Finite Elements & Approximation by Zienkiewicz & Morgan
- Fixed Grid Finite Element Analysis in Structural Design
- Formulation & Solution Of Differential Equations
- Geo-technical Analysis By Finite Element Method
- Introduction To Finite Element Method
- Tutorials In Finite Element Analysis Using Nastran & Patran
- Unstructured Grid Finite Element For Fluid Mechanics
- Volume CFD Procedure and Adaptive
Tutorials

- C Programming Language 2nd Edition By Brain W. Kernighan
- C_Programming_Language__Second_Edition
- C_Programming_Language__Second_Edition
- Ansyo CFX TUTORIAL
- Computational_Mathematics__Models__Methods__and__Analysis_with_MATLAB_and_MPI
- Fortran_90_95_Explained
- FORTRAN_90_for_Scientists_and_Engineers
- Fortran_95_2003_for_Scientists_and_Engineers__3rd_Edition
- Fortran_2003_Handbook__The_Complete_Syntax__Features_and_Procedures
- GasTurbine Basics
- Introduction_to_MATLAB_for_Engineers__3rd_Edition
- Learning_Matlab_6__Release_12__Matlab_Student_Version
- Let Us C - Yashwant Kanetkar
- MATLAB_Codes_for_Finite_Element_Analysis__Solids_and_Structures_Solid_Mechanics_and_Its_Applications
- MATLAB_Codes_for_Finite_Element_Analysis__Solids_and_Structures_Solid_Mechanics_and_Its_Applications
- MATLAB_Demystified
- MATLAB_Guide_to_Finite_Elements__Second_Edition
- Mechanics_of_Composite_Materials_with_MATLAB
- Modal Analysis Of A Turbine blade
- PERL Programming Language
- Python Programming Language

Applying Masters And Visa Details

Visa Interview

- Visa Interview Questions
- Required Documents For Applying Masters
- Required Documents For Applying Masters In Germany
- Deutsche Bank Account Opening Procedures
- How To Apply For Masters In Germany
Abroad Universities

- Universities Offering Aerospace And Mechanical Engineering
- 65 M.Sc Courses In Germany

Competitive Exams

**CAT - Common Admission Test**

- CAT Syllabus
- Cat Preparation Material
- CAT Sections
- CAT - Best Books
- CAT Practical Guide
- CAT Student Hand Book

**CAT - Previous Year Question Papers**

- CAT 2000 Question Paper
- CAT 2001 Question Paper
- CAT 2002 Question Paper
- CAT 2003 Question Paper
- CAT 2004 Question Paper
- CAT 2005 Question Paper
- CAT 2006 Question Paper
- CAT 2007 Question Paper
- CAT 2008 Question Paper
- CAT 2004 Solved Paper
- CAT 2005 Solved Paper
- CAT 2006 Solved Paper
- CAT 2007 Solved Paper
- CAT 2008 Solved Paper
CAT - Sample Question Papers

- CAT English Sample Paper 1999
- CAT English Sample Paper 2001
- CAT English Sample Paper 2002
- CAT English Sample Paper 2003
- CAT English Sample Paper 2004
- CAT English Sample Paper 2005
- CAT English Sample Paper 2008
- CAT Mock Test
- CAT Sample Paper 1
- CAT Sample Paper 1
- CAT Sample Paper 2
- CAT Sample Paper 2
- CAT Sample Paper 3
- CAT Sample Paper 3
- CAT Sample Paper 4
- CAT Sample Paper 5
- CAT Sample Paper 6

GATE – Graduate Aptitude Test In Engineering

- Gate Syllabus
- Gate Model Question Paper 2007
- Gate Model Question Paper 2008
- Gate Model Question Paper 2009
- Gate Model Question Paper 2010
- Gate Model Question Paper 2011
- Gate Model Question Paper 2012
- Gate Model Question Paper 2013
- GATE 2010 Answer Key

- GATE 2011 Answer Key
- GATE 2012 Answer Key
- GATE 2013 Answer Key

IELTS - International English Language Testing System

- IELTS Registration
Writing Materials

- Ace The IELTS - Guidance Book
- IELTS Writing
- Pausing Vocabulary For Speaking And Writing
- Writing Band Descriptors
- How To Compare Graph
- Vocabulary For Essays

Speaking Materials

- Guide to score Band 7
- Self Introduction
- Self Introduction 2
- Self Introduction - 3
- Speaking And Listening Skills
- Ace The IELTS (PERFECT BOOK FOR CRACK IELTS AND SCORE BAND 7)
- Cambridge Action Plan
- Common Mistakes At IELTS
- Speaking Response Samples
- Speaking Band Descriptors

Cambridge ESOL Examination Official Books

- Cambridge IELTS 1
- Cambridge IELTS 2
- Cambridge IELTS 3
- Cambridge IELTS 4
- Cambridge IELTS 5
- Cambridge IELTS 6
- Cambridge IELTS 7
- Cambridge IELTS 8

Web Links For Downloading Materials

- Ace The IELTS Book
- Cambridge IELTS 1
- Cambridge IELTS 3
- Cambridge IELTS 4
Cambridge IELTS_4_Audio Part
Cambridge IELTS 5
IELTS Barrons
IELTS Listening Scripts
IELTS Speaking 3 Examples
IELTS The Academic Tests
IELTS The General Training Tests
IELTS on Track by Stephan slatter & Donna Millen
IELTS Practice Now Book & Audio

Learn English

New Interchange Workbook
English Phrasal Verbs In Use
English Book - Really Learn 100 Phrasal Verbs
Grammar Challenge
Learn And Speak English in Short Time
Learn English
Learn English in One week
Learn English Simply
Learn To Speak English in 100 Days English Work book Great for Learning
Learn English In One Week

Bank Exams

Bank Probationary Officer (PO) Previous Years (2007-2009) Question Paper With Shortcut Methods

German (Deutsch) Language

Studio D A1
Studio D A2
Studio D A2 Sprachtraining
Studio D A2 Sprachtraining Losungen
Learn German Language in a week (Basic Grammars)
Companies List

- Aeronautical companies
- ECE companies

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