**HomeFundamental**

**Mathematics**

**Advanced Mathematics for BusinessAdvanced Mathematics 2 Discrete Mathematics 1 Advanced Mathematics 1 (Calculus for SE)Discrete Mathematics 2 Probability & Statistics**

**English**

**Preparation English for top-up programEnglish 1 - Top Notch FundamentalsEnglish 2 - Top Notch 1English 3 - Top Notch 2English 4 - Top Notch 3English 5 - Summit 1English 6 - Summit 2Business English - ElementaryBusiness English- Pre IntermediateBusiness English - IntermediateBusiness English - Upper IntermediateMarket Leader\_ ElementaryMarket Leader \_Pre-Intermediate\_Practice FileMarket Leader - Intermediate (BBA)IELTS FOUNDATIONIELTS GRADUATION TOEIC Preparation**

日本語

Tiếng Nhật cơ sở 1 (日本語　初級Ⅰ)\_Summer '10Tiếng Nhật cơ sở 2 （日本語　初級Ⅱ）\_Summer '10Tiếng Nhật cơ sở 3 (日本語　初級Ⅲ）\_Summer'10Tiếng Nhật cơ sở 4 （日本語　初級Ⅳ）\_Summer '10Tiếng Nhật cơ sở 5 （日本語　初級 V）\_Summer '10Tiếng Nhật Trung Cấp 1 （日本語中級Ⅰ） Summer '10Tiếng Nhật Trung Cấp 2 （日本語中級Ⅱ） Summer '10

Phát triển cá nhân

Study Skills Spring 2010 (K5 PC)Business Communication Fall 2010 for K5CStudy skillsMastering Public Speaking (4B) (Sep 11 - Oct 10, 2009 )Working in Groups Course (SS102) 4BBusiness Communication (Course 03) (May 11 - Aug 31, 2009)Giáo dục thể chất 2Giáo dục thể chất 4

Orientation

Orientation after OJTOrientation for Completion StudyOrientation for On-the-job TrainingOrientation for Fundamental StudyOrientation for Preparation Course

Examination

Computing Fundamentals

C# and .NET teachnology (Examination Office)Java Application Development (Examination Office)Network (Examination Office)Operating System (Examination Office)Data Structure and Algorithm (Examination Office)Object Oriented Paradigm Using C++ (Examination Office)Programming Fundamental Using C (Examination Office)Introduction to Computing (Examination Office)

Software Engineering

Japanese

English

English 1 - Top Notch Fundamentals (Examination Office)TOEIC Preparation (Examination Office)IELTS GRADUATION (Examination Office)IELTS FOUNDATION (Examination Office)Business English - Upper Intermediate (Examination Office)Business English - Intermediate (Examination Office)Market Leader \_Pre-Intermediate\_Practice File (Examination Office)Business English- Pre Intermediate (Examination Office)Market Leader\_ Elementary (Examination Office)Business English - Elementary (Examination Office)English 6 - Summit 2 (Examination Office)English 5 - Summit 1 (Examination Office)English 4 - Top Notch 3 (Examination Office)English 3 - Topnotch 2 (Examination Office)English 2 - Topnotch 1 (Examination Office)

Mathematics

Advanced Mathematics for Business (Examination Office)Probability & Statistics (Examination Office)Discrete Mathematics 2 (Examination Office)Discrete Mathematics 1 (Examination Office)Advanced Mathematics 1 (Examination Office)Advanced Mathematics 2 (Examination Office)

Phát triển cá nhân

Kỹ năng giao tiếp

Software Engineering

Computing Fundamentals

CF Syllabus, CIP Fall 2010CF Syllabus, CIP Summer 2010Programming Fundamentals using C (PFC)

PFC-SE0521 Fall2010(Instructor: Trần Ngọc Sơn)PFC-SE0517 Fall2010(Instructor: Nguyễn Thái Bình)PFC-SE0518 Fall2010(Instructor: Nguyễn Ngọc Anh)

Introduction to Computing (ITC)

ITC-SE0515 Fall2010(Instructor: Trần Ngọc Sơn)ITC-SE0516 Fall2010(Instructor: Phan Duy Hùng)ITC-SE0520 Fall2010(Instructor: Nguyễn Đình Hùng)ITC-SE0519 Fall2010(Instructor: Nguyễn Đình Hùng)

Object Oriented Paradigm Using C++ (OOP)

OOP-SE0513 Fall2010 (Instructor: Nguyễn Ngọc Anh)OOP-SE0512 Fall2010 (Instructor: Nguyễn Ngọc Anh)OOP-SE0509 Fall2010 (Instructor: Nguyễn Hoài Vũ)OOP-SE0508 Fall2010 (Instructor: Lã Ngọc Quang)

Advanced Java-Biss

Java2-Fall2010 (Instructor: Nguyễn Khánh Trình)Java1-Fall2010 (Instructor: Nguyễn Khánh Trình)

DB-Biss

DSA-Biss

Operating System (OS)

OS-SE0505-Fall 2010 (Instructor: Nguyễn Hoài Vũ)OS-SE0502-Fall 2010 (Instructor: Nguyễn Văn Đông)OS-SE0504-Fall 2010 (Instructor: Nguyễn Văn Tam)

Computer Network

OOP-Biss

OOP2-Fall2010 (Instructor: Nguyễn Hoài Vũ)OOP3-Fall2010 (Instructor:Trần Bình Dương)OOP1-Fall2010 (Instructor:Trần Bình Dương)

Introduction to Database

DB-SE0411-Fall2010 (Instructor: Nguyễn Thanh Bình)DB-SE0413-Fall2010 (Instructor: Nguyễn Tất Trung)DB-SE0408-Fall2010 (Instructor: Nguyễn Tất Trung)DB-SE0412-Fall2010 (Instructor: Trần Vinh Thu)DB-SE0407-Fall2010 (Instructor: Trần Vinh Thu)

PFC-Biss

PFC2-Fall2010 (Instructor: Nguyễn Văn Đông)PFC3-Fall 2010 (Instructor: Trần Ngọc Sơn)

C#.NET-Biss

Data Structure and Algorithm (DSA)

DSA-SE0406 Fall2010 (Instructor: Nguyễn Tất Trung)DSA-SE0410 Fall2010 (Instructor: Phan Đăng Cầu)DSA-SE0409 Fall2010 (Instructor: Phan Đăng Cầu)DSA-SE0405 Fall2010 (Instructor: Phan Đăng Cầu)

C# .NET

C#&.NET-SE0413- Fall2010 (Instructor: Trần Đình Trí)C#&.NET-SE0411- Fall2010 (Instructor: Phan Trường Lâm)C#&.NET-SE0408- Fall2010 (Instructor: Phan Trường Lâm)C#&.NET-SE0412- Fall2010 (Instructor: Lã Ngọc Quang)C#&.NET-SE0407- Fall2010 (Instructor: Lã Ngọc Quang)

Advanced Java

OS-Biss

NW-Biss

Alice

Core Java

CoreJava -SE0503-Fall2010 (Instructor: Trần Ngọc Sơn)CoreJava -SE0501-Fall2010 (Instructor: Nguyễn Ngọc Anh)CoreJava -SE0418-Fall2010 (Instructor: Phan Đăng Cầu)CoreJava -SE0422-Fall2010 (Instructor: Nguyễn Văn Hiển)CoreJava -SE0421-Fall2010 (Instructor: Phan Đăng Cầu)CoreJava -SE0420-Fall2010 (Instructor: Nguyễn Khánh Trình)CoreJava -SE0419-Fall2010 (Instructor: Nguyễn Khánh Trình)CoreJava -SE0417-Fall2010 (Instructor: Nguyễn Khánh Trình)

Software Engineering

Introduction to Software Engineering - I2SE (Fall-2010)Software Requirements - SR (Fall-2010)Software Quality Assurance and Testing - SQA&Testing (Fall-2010)Human Computer Interaction - HCI (Fall-2010)Ethics in Information Technology - EIT (Fall-2010)Software Construction - SC (Fall-2010)Software Architecture and Design - SAD (Fall-2010)IT Applications in Enterprise - ITA (Fall-2010)Software Project Management - SPM (Fall-2010)On-job training

Advanced Study

Data WareHouseSmart cardINTRODUCTON TO WIRELESS AND MOBILE SYSTEMSEnterprise Resource Planning ConceptDataBase Advanced summer2010Software EntrepreneurshipDigital fundamentals summer2010DataBase AdvancedAdvanced XMLPrinciples of AccountingE-CommerceElectronic Circuit ControlEmbedded System

Digital Signal ProcesingSoftware ES developmentHardware Embedded System

Greenwich Programme

Top-up Programme

Distributed Information Systems

Distributed Information SystemsList of classes

H10101GRH09201GR

Systems Programming

Systems ProgrammingList of classes

H10101GRH09201GR

Systems Building 2

Systems Building 2List of classes

H10101GRH09201GR

Information Systems Engineering

Information Systems EngineeringList of classes

IT Project and Quality Management

IT Project and Quality ManagementList of classes

GT0601-COMP1305

Database Design and Implementation

Database Design and ImplementationList of classes

Operating Systems

Operating SystemsList of classes

Academic Writing

Academic WritingList of classes

Application Dev For Mobile Devices

GT0601-COMP1550GT0602-COMP1550

Diploma Programme

Semester I

Computer Fundamental

Computer FundamentalList of classes

GC0504-CFGC0502-CFGC0503-CF

Elementary Programming with C

Elementary Programming with CList of classes

GC0504-CGC0502-CGC0503-C

HTML, DHTML & JavaScript

HTML, DHTML & JavaScriptList of classes

GC0504-HDJGC0501-HDJGC0502-HDJGC0503-HDJ

Dream-weaver 8.0

Dream-weaver 8.0List of classes

GC0501-DWGC0502-DWGC0503-DWGC0504-DW

Learn Java By Example

Learn Java By ExampleList of classes

GCJavaBiss2GCJavaBiss1GC0501-JavaGC0502-JavaGC0503-JavaGC0504-Java

Relational Database Management Systems

Relational Database Management SystemsList of classes

GC0501-RDBMSGC0502-RDBMSGC0503-RDBMSGC0504-RDBMS

Project Sem1

ProjectList of classes

GC0501-PS1GC0502-PS1GC0503-PS1GC0504-PS1

Semester II

Working with SQL Server Database Objects

Working with SQL Server Database ObjectsList of Classes

GC0503-SDOGC0502-SDOGC0501-SDO

A Guide to Advanced Java

A Guide to Advanced JavaList of Classes

GC0503-ADVJGC0502-ADVJGC0501-ADVJ

Distributed Computing in Java

Distributed Computing in JavaList of Classes

GC0503-DJavaGC0502-DJavaGC0501-DJava

Working with Database and Security in Java

Working with Database and Security in JavaList of Classes

GC0503-SJavaGC0502-SJavaGC0501-SJava

XML by Example

XML by ExampleList of Classes

GC0503-XMLGC0502-XMLGC0501-XML

Programming in C#

Programming in C#List of Classes

GC0503-C#GC0502-C#GC0501-C#

Advanced Programming in C#

Advanced Programming in C#List of Classes

GC0503-ADVC#GC0502-ADVC#GC0501-ADVC#

eProject (Java)

eProject (Java)List of Classes

GC0503-EP2GC0502-EP2GC0501-EP2

Semester III

Semester IV

Community

IT support

IT support for StaffsIT support for students

Business Administration

Introduction to ComputingOrganizational Behavior(OB201.1)Working in GroupsIntroduction to ManagementBusiness English - Level: ElementaryAdvance General English 1Advance Mathematics for BusinessBusiness Administration for K5A

Business English - Intermediate - Fall2010Accounting principles - Fall2010Marketing principles - Fall2010statistical thingking and data analysis - Fall2010Chinese 1Business English Level: Pre-InterBusiness CommunicationOrganizational BehaviorAdvance English Skill - Summer 2010Basic Micro Economics- Summer 2010Basic Marco Economics-Summer 2010

Business Administration for K5B

Business English Level: Pre-Inter . Fall2010Business Communication - Fall2010Organizational Behavior - Fall2010Basic Marco Economics- Fall 2010Basic Micro Economics- Fall 2010Advance English Skill - Fall 2010Introduction to Computing Science-Summer 2010Business English - Level Ele- Summer 2010Advance General English 1 - Summer 2010Working in Groups - Summer 2010Adv Math for Business- Summer 2010Introduction to Management - Summer 2010

Online Training - Summer 2010

Business Communication

Effective Communication Skills for Future Manager

Business Administration for K5C

Advance Mathematics for BA - Fall2010Introduction to Management - Fall2010Working in Groups - Fall 2010Advance General English 1 - Fall2010Business English - Level Ele- Fall2010Introduction to Computing Science-Fall2010

Entrance Test for K5C

IELTS Trial Test

Tài liệu hướng dẫn sinh viên học tại IBA

Tài liệu hướng dẫn sử dụng hệ thống CNTT

Advanced Mathematics 1 (Examination Office)

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\* / ► Quizzes

\* / ► Quiz Chapter 4

\* / ► Attempt 1

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Quiz Chapter 4

Question 1

Marks: 1

Find a function f(x) such that

5+\int\_a^x\frac{f(t)}{t^2}dt=8\sqrt{x}

for x > 0 and some number a.

Choose one answer.

a. 3x^{3/2}

b. 4x^{3/2}

c. None of these

d. 2x^{3/2}

Question 2

Marks: 1

An animal population is increasing at a rate of 13+51t per year (where t is measured in years). By how much does the animal population increase between the fourth and tenth years?

Select the correct answer.

Choose one answer.

a. 4,362

b. 2,155

c. 2,064

d. 2,220

e. 2,100

Question 3

Marks: 1

Evaluate the integral by making the given substitution.

\int x^2\sqrt{x^3+1}\, dx, \,\,\, u=x^3+1

Choose one answer.

a. (1/3)(x^3+1)^{3/2}+C

b. (1/9)(x^3+1)^{3/2}+C

c. (2/3)(x^3+1)^{3/2}+C

d. (2/9)(x^3+1)^{3/2}+C

Question 4

Marks: 1

Use the Midpoint Rule with n = 5 to approximate the integral.

\int\_0^{10}2\sin\sqrt{q}dq

Select the correct answer. The choices are rounded to 3 decimal places.

Choose one answer.

a. 5.781

b. 4.781

c. 9.998

d. 12.929

Question 5

Marks: 1

If F(x)=\int\_1^xf(t)\, dt, where f(t)=\int\_1^{t^2}\frac{\sqrt{2+u^2}}{u}du, find F’’(2).

Select the correct answer.

Choose one answer.

a. 3\sqrt{2}

b. 3\sqrt{3}

c. (3/2)\sqrt{2}

d. 6\sqrt{3}

Question 6

Marks: 1

Evaluate the indefinite integral.

\int\cos^4 x\sin x\, dx

Choose one answer.

a. (-1/5)\sin^5 x+C

b. (-1/5)\cos^5 x+C

c. (1/5)\cos^5 x+C

d. (1/5)\sin^5 x+C

Time Remaining

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