

Final Exam Contents Form: Semester 2 / 2024

Subject: Foundation Mathematics Code: MA30104 Class: EP M5/1-2 Teacher's Name: Keerthi Prabhakar

Contents	Formative 2	Final	Classroom Handouts	Remark
1. Standard Deviation and Variance	✓	✓	Worksheets given in class	
2. Normal Distribution	✓	✓		
3. Normal Distribution Ratios		✓		
4. Correlation	✓	✓		
5. Correlation Coefficient	✓	✓		

Subject: Universal Mathematics 4 Code: MA30216 Class EP M5/1-2 Teacher's Name: Shiv Kumar

Contents	Formative 2	Written Answers	Classroom Handouts	Remark
1. Counting rules and factorial	✓	✓	Text book (Haese Mathematics 3 rd edition) (Class Worksheets +Handouts)	Content might change because of time constraints.
2. Permutation formula and word problems on permutation	✓			
3. Combination formula and word problems on combination	✓	✓		
4. Binomial expansion theorem	✓	✓		
5. Binomial experiment and its properties	✓			
6. Word problems based on binomial experiments	✓	✓		
7. Mean, variance and standard deviation formula of binomial.	✓	✓		
8. Binomial distribution	✓	✓		
9. Complex Number (SAT)	✓			

Formative 2: - Quizzes - Worksheets - Tests

Subject: FOUNDATION EN30204 Class EP M5/1-2 Teacher's Name: Steven Raine

Content		Formative 2	Writing	Classroom Handouts	Remark
SECTION ONE: READING	QUESTIONS 1-8 READING: SCANNING FOR SPECIFIC INFORMATION.	✓		CLASSROOM PRACTICE QUIZZES, AUTHENTIC EXAM QUESTIONS	
SECTION TWO:	QUESTIONS 9-18 PLURALS ARTICLES AND TENSES-error correction	✓		IELTS READING BOOK IELTS WRITING BOOK & WORKSHEETS	
SECTION THREE: WRITING	WRITE A SPEECH FOR A GRADUATION CEREMONY-grammar and vocabulary.	✓		ST, GABRIEL'S WORKBOOK (GRAMMAR).	

Subject: READING EN30204 Class EP M5/1-2 Teacher's Name: Steven Raine

Content		Formative 2	Writing	Classroom Handouts	Remark
SECTION ONE: READING	QUESTIONS 1-12 READING-AUTHOR'S INTENTIONS-context and meaning	✓		CLASSROOM PRACTICE QUIZZES, AUTHENTIC EXAM QUESTIONS	
SECTION TWO: READING	QUESTIONS 13-18 PLURALS ARTICLES AND TENSES-error corrections in sentences	✓		ST, GABRIEL'S WORKBOOK (GRAMMAR).	
SECTION THREE: WRITING	[FICTIONAL STORY WRITING WITH DESCRIPTIVE LANGUAGE	✓		IELTS WRITING BOOK & WORKSHEETS NOTEBOOK	

Subject: Universal Chemistry 3

Code: ST30233

Class EP M5/1-5/2H: Teacher's Name: Anumol Sunny

	Contents	Formative	Final Term Questions	Classroom Handouts	Remark
1	Properties of Water	√	√	Worksheets, PowerPoints, Related videos	The content might change because of time constraints.
2	Homogeneous Aqueous Solution	√	√		
3	Heterogeneous Aqueous Solution	√	√		
4	Solutions	√	√		
5	Calculating Concentration of Solutions	√	√		
6	Acid-Base Theories	√	√		
7	Ionization of water	√	√		
8	pH and its calculation	√	√		
9	Buffers	√	√		
10	Strong Acids and Bases	√	√		

Formative: - Class Tests, Assignments, Class Participation

Subject: Plant Physiology Code: ST30248 Class EP M5/2H Teacher's Name: Nicholas Crook

Contents	Formative 2	Final	Formative Work	Remark
1. Photosynthesis. 2. Reproduction. 3. Flowering plants. 4. Fruits and seeds. 5. Hormones. 6. Factors affecting plant growth.			Worksheets, Notebook work, Power point presentations, Discussions, Labs, Participation exercises.	Content might change because of time constraints.

Subject: ST30107 Computer Science 2

Class EP M5

Teacher's Name: Dave Thomas

Contents	Formative	Final	Writing Part	Classroom Handouts	Remark
1. Programming-String functions	√		√	Worksheets, Power point presentations, Discussions, Participation exercises.	Content might change because of time constraints.
2. Programming-Iteration	√	√	√		
3. Programming-Conditional statements	√	√	√		
4. Programming- Int formulas	√	√	√		

Subject: Foundation Occupational Works Code: OC30106 Class EP M 5/1 and 5/2 Teacher's Name: Dr. Hermann

Contents	Formative 2	Final Exam Multiple Choice	Classroom Handouts	Remark
1. Apply concepts and principles to effectively manage an organization or the information services organization age	✓	✓	Google Classroom PowerPoint Presentations Class Participation In-Class Assignments Homework Material on Google Classroom	The content might change because of time constraints. This is a closed-book exam No phone, iPad or other mobile device allowed during the exam
2. Explain the principles of operations, policymaking, and planning for running organizations or the information services organizations age	✓	✓		
3. Present how to work and put them into practice in the area of document management, finance, office supplies, building, and maintenance.	✓	✓		
4. Know the principles of quality assurance and evaluate the organizations or information services organizations with morality and ethics.	✓	✓		
Formative In-Class Assignments Homework Assignments		multiple-choice questions and essay questions 1. Rice supply chain 2. Facility management		

**Subject: Electricity and Magnets
Thomas**

Code: ST30203

Class: EP M5/2H

Teacher's Name: Glenn

Contents	Formative 2	Final	Classroom Handouts	Remark
<ul style="list-style-type: none"> Unit 1: Magnetism Magnetic fields Solenoids and magnetic materials Permanent magnets Magnetic forces Magnetic fields of a current carrying wire Plotting magnetic fields with a compass 	/	/	Schoology, teams meeting room, Discussions, movies, worksheets, poster presentations, power point presentations, labs, animations, and quizzes.	Content might change because of time constraints .
Unit 2: Motors <ul style="list-style-type: none"> Motor effect – left hand rule Calculation of magnetic flux, magnetic flux linkage Increasing forces on a coil of wire ($F=BIL$) Predicting directions of forces using left hand rule 	/	/		
Unit 3: Magnetic Forces and Electromagnetic Induction <ul style="list-style-type: none"> Charges moving in a magnetic field, $F=BQv$ Cyclotron and mass spectrometer Generating electricity -Calculating induced E.M.F.s -Faraday's and Lenz's laws -Transformer calculations 	/	/		
Unit 4: Capacitors <ul style="list-style-type: none"> Connecting capacitors in series and parallel Discharging and charging capacitors Energy and work calculations for capacitors Uses of capacitors 	/	/		

Formative 2: - Quizzes. - Worksheets. - Poster assignments. - Discussions. - Labs. - Scientific Investigations.

วิชา ภาษาไทยพื้นฐาน 4 (ท30104)

1. มัทนะพาธา
2. การพูดต่อประชุมชน

วิชา สังคมศึกษาศาสนาและวัฒนธรรมพื้นฐาน 4 (ส30104)

งบประมาณแผ่นดิน (Government budget)

- เงินคงคลัง (Treasury cash)
- เงินฝืด (Deflation) ; เงินเฟ้อ (Inflation) และผลกระทบดุลการค้า (Balance of Trade)
- ตลาดเงิน (money market)
- ตลาดทุน (Capital Market)
- นโยบายการเงิน (Monetary policy)
- นโยบายการคลัง (Fiscal policy)
- นโยบายการค้า
- นโยบายภาษี (Tax policy)
- รูปแบบการค้า
- บัญชีหนี้สาธารณะ
- บัญชีหนี้เงินทุน
- บัญชีเดินสะพัด
- แผนพัฒนาเศรษฐกิจและสังคม
- ผลิตภัณฑ์มวลรวมประชาชาติ (GNP)
- ผลิตภัณฑ์มวลรวมในประเทศ (GDP)
- รายได้ประชาชาติ (NI)
- การรวมกลุ่มเศรษฐกิจและรูปแบบการรวมกลุ่มเศรษฐกิจ

วิชา ประวัติศาสตร์ 4 (ส30110)

หน่วยการเรียนรู้ที่ 7 ความขัดแย้งและการประสานประโยชน์ระหว่างประเทศ

1. ความขัดแย้ง
2. การประสานประโยชน์

หน่วยการเรียนรู้ที่ 8 เหตุการณ์สำคัญของโลกในคริสต์ศตวรรษที่ 21

1. เหตุการณ์ 11 กันยายน 2001
2. การก่อการร้าย
3. เศรษฐกิจและสังคมในคริสต์ศตวรรษที่ 21