

Mid-term Exam Contents Form: Semester 1 / 2023

Subject: Foundation Mathematics Code: MA30103 Class: EP M5/1-2 Teacher's Name: Keerthi Prabhakar

Contents	Formative 1	Mid-term Examination	Classroom Handouts	Remark
1. Arithmetic Sequences	✓	✓	Worksheets given in class	
2. Geometric Sequences	✓	✓		
3. Arithmetic Series		✓		
4. Geometric Series	✓	✓		
5. Depreciation	✓	✓		

Subject: Universal Mathematics 3 Code: MA30215 Class EP M5/1-2 Teacher's Name: Shiv Kumar

Contents	Formative 1	Midterm	Classroom Handouts	Remark
1. Exponents, Law of exponents	✓	✓	Text book (Haese Mathematics 3 rd edition) (Class Worksheets +Handouts)	Content might change because of time constraints.
2. SAT based exponent problems	✓	✓		
3. Algebraic expansion and factorization of exponents	✓	✓		
4. Interest and money	✓	✓		
5. Problems on simple interest	✓	✓		
6. Problems on compound interest	✓	✓		
7. logarithms, properties of log and log with base a	✓	✓		
8. Natural logarithms, properties natural log and natural log with base a	✓	✓		
9. Exponential functions	✓	✓		
10. Exponential growth and decay	✓	✓		

Subject: FOUNDATION EN30103 Class EP M5/1-2 Teacher's Name: Steven Raine

Contents		Formative 1	Writing	Classroom Handouts	Remark
SECTION ONE: MIXED GRAMMAR	Tenses verb (be) Sentence structure Word order Have/has/had	✓		CLASSROOM PRACTICE QUIZZES, AUTHENTIC EXAM QUESTIONS WORKSHEETS	
SECTION TWO: READING	Reading comprehension Skimming/scanning Quotes Context Author's intention	✓		The novel "Spoons"	
SECTION THREE: WORD & PHRASE WRITING	Labeling a diagram with words or phrases from a listening transcript		✓	IELTS test materials	
SECTION FOUR: SHORT WRITING: MORAL DILEMMAS	7 critical thinking moral dilemmas. Look at each scenario and in no more than 3 sentences explain what you would do and why you have decided on that action.			Class discussions and presentations	

Subject: READING EN30203 Class EP M5/1-2 Teacher's Name: Steven Raine

Contents	Formative 1	Writing	Classroom Handouts	Remark
SECTION ONE: READING Various passages	Main idea Word choice Context Quotes True false not given Purpose Author's intention Fact Opinion scanning	✓	SAT IELTS CLASSROOM PRACTICE QUIZZES, AUTHENTIC EXAM QUESTIONS ST, GABRIEL'S WORKBOOK (GRAMMAR).	
SECTION TWO: PARAPHRASING	Quotes from Rich Dad Poor Dad by Robert Kiyosaki. Read each carefully and demonstrate you understand what they mean by paraphrasing each quote in no more than sentences.	✓	Rich Dad Poor Dad by Robert Kiyosaki.	
SECTION THREE: EXTENDED WRITING	Writing an opinion and presenting both sides of an argument	✓	✓ NOTEBOOK	

**Subject: Periodic Motion and Static Electricity Code: ST30202 Class EP: M5/2 Teacher's
Name: Glenn Thomas**

Contents	Formative 1	Summative	Classroom Handouts	Remark
1. Circular motion -Radians and arc length -angular speed vs linear speed -centripetal forces and acceleration	√	√	Worksheets, Notebooks, workbook work.	Content might change because of time constraints.
2. Circular Motion -Vertical circular motion using both tension and reaction forces -Resolving centripetal forces, maximum kinetic/potential energy and linear velocity	√	√		
3. Moments of Force -Principle of moments -stability and equilibriums	√	√		
Wave basics -types of waves -velocity, frequency, wavelength, and amplitude	√	√		

Formative 1: - Projects - Labs - Class participation -Online Quizzes -Worksheets

Subject: Universal Chemistry 2 Code: ST30232 Class EP M5/1 &M5/2H Teacher's Name: Ms. Anu Sunny

Contents		Formative 1	Midterm	Classroom Handouts	Remark
1.	Oxidation and Reduction	✓	✓	<p style="text-align: center;">Text book, Note Book, Schoology Notes, Power points Work Sheets Class Tests</p>	<p style="text-align: center;">Content might change because of time constraints.</p>
2.	Oxidation States	✓	✓		
3.	Redox Equations	✓	✓		
4.	Fundamental Particles	✓	✓		
5.	Mass number, Atomic Number and Isotopes	✓	✓		
6.	The Mass Spectrometer	✓	✓		
7.	Arrangement of electrons	✓	✓		
8.	More about arrangement of electrons	✓	✓		
9.	Ionization Energy	✓	✓		
10	The Nature of Ionic Bonding	✓	✓		
11	Covalent Bonding	✓	✓		
12	Metallic Bonding	✓	✓		
13	H-Bond and Vander wall's forces	✓	✓		
14	Bonding and Physical Properties	✓	✓		
15	The shapes of molecules and ions	✓	✓		
16	Electronegativity - Bond Polarity	✓	✓		
17	Forces acting between molecules	✓	✓		

Subject: Animal Physiology**Code: ST30247****Class: EP M5/2****Teacher's Name: Nicholas Crook**

Contents	Formative	Mid-Term Exam	Classroom Handouts	Remark
1. Respiration structures for gas exchange in different animals.	√	√	Schoology, zoom meeting room, Discussions, movies, worksheets, poster presentations, power point presentations, labs, animations, and quizzes.	Content might change because of time constraints.
2. Lung structure in mammals.	√	√		
3. Cellular respiration.	√	√		
4. Open & closed circulatory systems.	√	√		
5. Blood flow and direction.	√	√		
6. The Heart.	√	√		
7. Components of blood.	√	√		
8. The Lymphatic system.	√	√		

Formative 1: - Quizzes. - Worksheets. - Poster assignments. - Discussions. - Labs - Scientific Investigations.

Subject: Data Analytics Technology: ST30106 Class EP M5 Teacher's Name: Dave Thomas

Contents	Formative 1	Midterm Project	Classroom Handouts	Remark
1. Python- Basic Input/output	✓	✓	Worksheets, Online PDFs	Content might change because of time constraints.
2. Python- String manipulation	✓	✓		
3. Python- Basic calculations	✓	✓		

Formative 1 : - Worksheets - Class participation - Quiz

Subject: Integrated Science (ST30276) Class EP M5 Teacher's Name: Dave Thomas

Contents	Formative 1	Midterm Project	Classroom Handouts	Remark
1. Excel-Introduction	✓	✓	Worksheets, Online PDFs	Content might change because of time constraints.
2. Excel- Basic formulas	✓	✓		
3. Excel-Data types	✓	✓		

Formative 1 : - Worksheets - Class participation - Quiz

Subject: Occupational Works 2

Code: OC30105

Class EP M 5/1 & 5/2

Teacher's Name: Dr. Hermann

Contents	Formative 1	Midterm Exam	Classroom Handouts	Remark
1. Unit1 Occupation	✓	✓	Textbook Google Classroom PowerPoint Presentations Class Participation In-Class Assignments Homework	The content might change because of time constraints. A special
Employment	✓	✓		
Pre-Employment Test	✓	✓		
Personality Tests	✓	✓		
Personality Types	✓	✓		
Human Resources	✓	✓		
2. Unit 2 Business Intro	✓	✓		
Definition and importance	✓	✓		
Legal Forms	✓	✓		
Finance & Accounting	✓	✓		
Marketing	✓	✓		
Character & Ethics	✓	✓		
Formative: Inclass Assignments Homeworks		Essay/Sketch		The Summative Test will take place during our normal class period prior to the midterm week. The date announced on Schoology

วิชา ภาษาไทยพื้นฐาน 3 (ท30103)

1. ลีลาิตะเลงพ่าย
2. ส่วนประกอบของประโยค
3. คำมูล
4. คำประสม

วิชา สังคมศึกษาศาสนาและวัฒนธรรมพื้นฐาน 3 (ส30103)

ธรณีวิทยา

- การแปรสัณฐาน
- กระบวนการเปลี่ยนแปลงภายในเปลือกโลก, ภายนอกเปลือกโลก
- อุทกวิทยา
- บรรยากาศวิทยา
- ชีววิทยากับภูมิศาสตร์กายภาพ

วิชา ประวัติศาสตร์ 3 (ส30109)

หน่วยการเรียนรู้ที่ 1

- การแบ่งยุคสมัยทางประวัติศาสตร์
- หลักฐานทางประวัติศาสตร์

หน่วยการเรียนรู้ที่ 3

อารยธรรมตะวันตกสมัยโบราณ

- อารยธรรมเมโสโปเตเมีย - อารยธรรมโรมัน
- อารยธรรมลุ่มแม่น้ำไนล์ - การติดต่อระหว่างโลกตะวันออกและโลกตะวันตก

- อารยธรรมกรีก

หน่วยการเรียนรู้ที่ 4

พัฒนาการของยุโรปสมัยกลาง

- อิทธิพลของคริสต์ศาสนาในยุโรปสมัยกลาง

- การเมือง เศรษฐกิจ และสังคมของยุโรปสมัยกลาง