

### Mid-term Exam Contents Form: Semester 2 / 2024

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

Contents	Formative 1	Mid-term Examination	Classroom Handouts	Remark
1. Venn diagrams and Stem-leaf plots	✓	✓	Worksheets given in class	
2. Measures of central tendency	✓	✓		
3. Histograms with various types of data		✓		
4. Box and whisker plots	✓	✓		
5. Cumulative frequency	✓	✓		

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

Contents	Formative 1	Written Answers	Classroom Handouts	Remark
1. Complex number	✓	✓	Class notes and Worksheets	Content might change because of time constraints.
2. Complex number in rectangular form	✓	✓		
3. Complex number's operation in rectangular form	✓	✓		
4. complex number in polar form	✓	✓		
5. Complex number's operation in polar form	✓	✓		
6. Argument of complex number	✓	✓		
7. System of equation (SAT)	✓	✓		
8. Graphing of complex number in rectangular form	✓	✓		
9. Graphing of complex number in polar form	✓	✓		

**Subject: FOUNDATION EN30104 Class EP M5/1-5/2 Teacher's Name: Steven Raine**

	<b>Content</b>	<b>Formative 1</b>	<b>Writing</b>	<b>Classroom Handouts</b>	<b>Remark</b>
SECTION ONE: MIXED GRAMMAR AND VOCABULARY	<p>This is the topic sentence of a paragraph. Which sentence below should be the second sentence? What does vision probably mean in this context? Which tenses fill both gaps in the sentence? In context, the word, "glancing" most nearly means. What is the most appropriate synonym for the word, 'Research'? Choose the correct punctuation for the underlined portion of the following text. Which use of conjunctions is needed to fill the gaps? Identify the underlined tense used in this passage. In context, the word 'peddled' can easily be replaced with: Complete the relative clause.</p>	✓		<p>CLASSROOM PRACTICE QUIZZES,  AUTHENTIC EXAM QUESTIONS  ST, GABRIEL'S WORKBOOK (GRAMMAR).</p>	
SECTION TWO: READING	SENTENCE STRUCTURE AND VOCABULARY	✓		IELTS WRITING BOOK & WORKSHEETS	
SECTION THREE: WRITING	SECTION THREE: WRITING (new words) Languages change and evolve. Generation Z and now Generation Alpha claim, like every generation, to have created their own special language; their own unique words. Take a look at the short dictionary of these words that you all know well. I have chosen 9 of these words and included their definitions.	✓	✓	NOTEBOOK	

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

	<b>Content</b>	<b>Formative 1</b>	<b>Writing</b>	<b>Classroom Handouts</b>	<b>Remark</b>
SECTION ONE: PUNCTUATION AND VOCABULARY	Which sentence has obeyed both semicolon rules? Which sentence has used the comma correctly? Which of the following sentences uses a semicolon correctly? Which choice below would fix the problem with the misplaced modifier? Which of the following is a correct use of a comma? Look at the underlined word. Which is the correct pronoun to use? In context, what is meant by the word 'Pacify'? What is the most appropriate synonym for the word, 'Provoke'? Which tense forms should be used to fill both gaps?	✓		CLASSROOM PRACTICE QUIZZES,  AUTHENTIC EXAM QUESTIONS  ST, GABRIEL'S WORKBOOK (GRAMMAR).	
SECTION TWO: READING	While the human body is at rest, while sitting, which biological factor was NOT mentioned in the passage? At low temperatures the brain must work harder to perform basic functions. [1 point] In context, the phrase, 'become compromised' is closest in meaning to: [1 point] VOCABULARY - THE TEXT	✓		IELTS WRITING BOOK & WORKSHEETS	
SECTION THREE: WRITING	IELTS TASK ONE	✓	✓	NOTEBOOK	

**Subject: Electricity and Magnets**

**Code: ST30203**

**Class: EP M5/2H**

**Teacher's Name: Glenn Thomas**

<b>Contents</b>	<b>Formative 1</b>	<b>Mid -Term</b>	<b>Classroom Handouts</b>	<b>Remark</b>
<ul style="list-style-type: none"><li>• Unit 1: Magnetism</li><li>• Magnetic fields</li><li>• Solenoids and magnetic materials</li><li>• Permanent magnets</li><li>• Magnetic forces</li><li>• Magnetic fields of a current carrying wire</li><li>• Plotting magnetic fields with a compass</li></ul>	/	/	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"><li>• Motor effect – left hand rule</li><li>• Calculation of magnetic flux, magnetic flux linkage</li><li>• Increasing forces on a coil of wire (F=BIL)</li><li>• Predicting directions of forces using left hand rule</li></ul>	/	/		
<ul style="list-style-type: none"><li>• Unit 3: Magnetic Forces</li><li>• Charges moving in a magnetic field, F=BQv</li><li>• Cyclotron and mass spectrometer</li></ul>	/	/		
Unit 4: Electromagnetic Induction <ul style="list-style-type: none"><li>-Generating electricity</li><li>-Calculating induced E.M.F.s</li><li>-Faraday's and Lenz's laws</li><li>-Transformer calculations</li></ul>	/	/		

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

**Subject: Universal Chemistry 3**

**Code: ST30233**

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

	<b>Contents</b>	<b>Formative</b>	<b>Midterm Term Questions</b>	<b>Classroom Handouts</b>	<b>Remark</b>
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	Colligative Properties	√	√		

Formative: - Class Tests, Assignments, Class Participation

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

<b>Contents</b>	<b>Formative</b>	<b>Mid-term</b>	<b>Formative Work</b>	<b>Remark</b>
1. The Plant. Characteristics & types.	√	√	Worksheets, Notebook work, Power point presentations, Discussions, Labs, Participation exercises.	Content might change because of time constraints.
2. Seedless Plants. Structure/function, reproduction & types.	√	√		
3. Seed Plants. Structure/function, reproduction & types.	√	√		
4. Plant Tissues. Structure/function of roots, stems, leaves & flowers.	√	√		
5. Transportation in Plants. Transpiration & translocation of nutrients/water.	√	√		

**Subject: Computer Science ST30107 Class EP M5 Teacher's Name: Dave Thomas**

Contents	Formative 1	Midterm Project	Classroom Handouts	Remark
Python- Selection/iteration	x	x	Worksheets, Online PDFs	Content might change because of time constraints.
Python- Lists-conditional	x	x		
Python- Lists-fixed	x	x		

Formative 1 : - Worksheets - Class participation - Quiz

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

Contents	Formative 1	Final Exam Project	Classroom Handouts	Remark
<b>1. Unit IT-centric organization</b>	✓	✓	Google Classroom PPT	
IT organization	✓	✓		
Leadership styles	✓	✓		
Organization	✓	✓		
HR	✓	✓		
Characteristics of IT People	✓	✓		
<b>Formative:</b> In-class Assignments Homework		Create a paper 10 pages 10 point Arial font spaced that addresses the management issues of the IT-centric organizations Graphics will be helpful		The midterm exam project is due prior to the start of the midterm exam week For details and deadline please see Google Classroom normal class period prior to the midterm week. The date announced on Google Classroom

## วิชา ภาษาไทยพื้นฐาน 4 (ท30104)

1. มหาเวสสันดรชาดก กัณฑ์มัทรี
2. ความคิดกับภาษา
3. มารยาทและคุณธรรมในการสื่อสาร

## วิชา สังคมศึกษาศาสนาและวัฒนธรรมพื้นฐาน 4 (ส30104)

- ทฤษฎีราคา - กลยุทธ์เชิงราคา
- ตลาดและกลไกตลาด - ระบบเศรษฐกิจ
- เงิน หน้าที่ของเงิน เงินเพื่อ เงินฝืด และการแก้ไขปัญหา

## วิชา ประวัติศาสตร์ 4 (ส30110)

### หน่วยการเรียนรู้ที่ 2 อารยธรรมโลกตะวันออกที่มีผลต่อพัฒนาการและการเปลี่ยนแปลงของสังคมโลก

1. การแบ่งยุคสมัยทางประวัติศาสตร์อารยธรรมตะวันออก
  - การแบ่งยุคสมัยทางประวัติศาสตร์จีนตามแบบสากล
  - การแบ่งยุคสมัยทางประวัติศาสตร์อินเดียตามแบบสากล
2. อารยธรรมจีน
  - อารยธรรมจีน ยุค 10 ราชวงศ์ - อารยธรรมจีนยุคคอมมิวนิสต์-ปัจจุบัน
  - อารยธรรมจีนยุคสาธารณรัฐ
3. อารยธรรมอินเดีย
  - อินเดียสมัยโบราณ - สมัยการเรียกร่องเอกราช มหาตมะ คานธี
  - สมัยราชวงศ์

4. พัฒนาการประวัติศาสตร์ญี่ปุ่น

5. พัฒนาการประวัติศาสตร์เกาหลี

**หน่วยการเรียนรู้ที่ 6 อิทธิพลอารยธรรมตะวันออกที่มีต่อภูมิภาคต่างๆ ของโลก**

1. การแพร่ขยายอิทธิพลของอารยธรรมจีนต่อภูมิภาคต่างๆ ในปัจจุบัน

2. การแพร่ขยายอิทธิพลของอารยธรรมอินเดียต่อภูมิภาคต่างๆ ในปัจจุบัน