

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: Universal Biology 3 (plants) Code: ST30258 Class EP M5/1 Teacher's Name: Nicholas Crook

| Contents | Formative 2 | Final | Formative Work | Remark |
|--|--------------------|--------------|---|---|
| 1. Reproduction in plants. 2. Plant hormones. 3. Factors affecting plant growth. 4. Plant reproduction. 5. Flowering Plants. 6. Fruits and seeds. 7. Plant hormones. 8. Factors that affect plant growth. 9. Photosynthesis. | ALL | ALL | 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: Universal Physics 3 Code: ST30213

Class: EP M5/1

Teacher's Name: Glenn Thomas

| Contents | Formative 2 | Final | Classroom Handouts | Remark |
|--|-------------|-------|---|---|
| <ul style="list-style-type: none">• Unit 1:Kinematics• Conservation of energy• Calculation of work done by forces• SUVAT equations• Calculating trajectory of projectile motion Conservation of momentum• Elastic and inelastic collisions in two dimension | / | / | Schoology, teams meeting room, Discussions, movies, worksheets, poster presentations, power point presentations, labs, animations, and quizzes. | Content might change because of time constraints. |
| <ul style="list-style-type: none">• Unit 2:Electricity• Circuit diagrams and symbols• Series vs parallel• Power calculations• Transformers | / | / | | |

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

วิชา ภาษาไทยพื้นฐาน 4 (ท30104)

1. มัทนะพาธา
2. การพูดต่อประมุขชน

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