

Final Exam and syllabi Contents Form: Semester 2 / 2023

Subject: Universal Mathematics 6 Code: MA30218 Class EP M6/1-2 Teacher's Name: Shiv Kumar

| Contents | Formative 2 | Final | Classroom Handouts | Remark |
|--|-------------|-------|--|---|
| 1. Linear equation | ✓ | ✓ | Text book (Haese Mathematics 3 rd edition) (Class worksheets, Notes and handouts) | Content might change because of time constraints. |
| 2. Equation of line in all forms | ✓ | ✓ | | |
| 3. Parallel and perpendicular line | ✓ | ✓ | | |
| 4. Exponential function and properties | ✓ | ✓ | | |
| 5. Logarithmic function and properties | ✓ | ✓ | | |
| 6. Concept of circle | ✓ | ✓ | | |
| 7. Equation of circle in standard form | ✓ | ✓ | | |
| 8. Intersection point of a line and circle | ✓ | ✓ | | |
| 9. Concept of tangent to circle | ✓ | ✓ | | |
| 10. Equation of tangent to circle | ✓ | ✓ | | |
| 11. Absolute value function and graphing | ✓ | ✓ | | |

Subject: Foundation English 6

Code: EN30106

Class: EP M6 1-2

Teacher: Jonathan Phillips

| Final Exam Content | | Formative 2 | Classroom Handouts | Remark |
|---------------------------|---|--------------------|--|--------------------------------------|
| Multiple choice reading | Identifying Synonyms Matching Information Sentence Completion Yes / No / Not Given | All | Ready for IELTS Material uploaded to Schoology Zoom Lesson Recordings Ready for IELTS Student's Book | 18 Multiple-choice reading questions |
| Writing | IELTS Writing Task 2: Advantage and disadvantage | | A PDF File with material to revise for the exam will be provided the week before the exam. | 1 Essay question |

Subject: English Reading & Writing 6 Code: EN30206 Class: EP M6/1-2 Teacher: Joshua Bolen

| Final Exam Contents | | Formative Score | Classroom Handouts | Remark |
|----------------------------|---|------------------------|--|---------------|
| Multiple Choice Section | Reading Comprehension Meaning in Context Word Families Grammar | All | Worksheets, Notebook work, Schoology. A PowerPoint presentation with material to revise for the exam will be provided the week before the exam. | |
| Writing Section | IELTS Task 2 Type Essay | | | |

Subject: M6 Foundation Health Studies and Physical Education Code: HP30106 Class EP M6/1-2 Teacher's Name: Brian Mallon

| Contents | Formative | Final | Classroom Handouts | Remark |
|-------------------------------------|-----------|-------|-------------------------|---|
| 1. Futsal Rules and Regulations | ✓ | ✓ | Notes from exam review. | Content might change because of time constraints. |
| 2. Basketball Rules and Regulations | ✓ | ✓ | | |
| 3. Digestive System | ✓ | ✓ | | |
| 4. Teenage Risk Factors | ✓ | ✓ | | |

Note: The exam will take place during our last class before exam week.

Subject: Universal Chemistry 5 Code: ST30235 Class EP M6/1&6/2H Teacher's Name: Anu Sunny

| Contents | Formative Assessments | Handouts | Remark |
|-------------------------------|-----------------------|--|---|
| 1. Atomic Structure | / | Flash Cards, Power Points, Quizzes, Zoom lessons, Schoology activities, Google classroom materials, Virtual Lab Activity | Content might change because of time constraints. |
| 2. The Periodic Table | / | | |
| 3. Ionic and Metallic Bonding | / | | |
| 4. Covalent Bonding | / | | |
| 5. Hydrocarbon compounds | / | | |
| 6. Chemical Reactions | / | | |

Formative Assessments:

- Home Work Assignments - Quiz score

Subject: Universal Physics Code: ST30205 Science Aptitude in Physics Class: EP M6/2H Teacher's Name: Glenn Thomas

| Contents | Formative 2 | Final | Classroom Handouts | Remark |
|---|--------------------|--------------|---|---|
| <ul style="list-style-type: none"> • Unit 1:Work and Energy • Conservation of energy • Calculation of work done by forces • Different energy types | | / | 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:Constant Acceleration <ul style="list-style-type: none"> • SUVAT equations • Vectors vs scalars • Calculating trajectory of projectile motion | | / | | |
| Unit 3: Momentum <ul style="list-style-type: none"> • Conservation of momentum • Elastic and inelastic collisions in two dimension | | / | | |
| Unit 4: Electricity <ul style="list-style-type: none"> • Parallel and series circuits • Current, Voltage and Resistance • Transformers and electromagnetic induction • National Grid and power loss <ul style="list-style-type: none"> • Potential Divider circuits | / | / | | |

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

Subject: Scientific Aptitude and Biology

Code: ST30250

Class EP M6/2 Teacher's Name: Grant Shorten

| Contents | | Formative | Final Term Questions | Classroom Handouts | Remark |
|----------|---------------------|-----------|----------------------|---|---|
| 1 | Mammalian Blood | √ | √ | Worksheets, Power Points, Related videos | Content might change because of time constraints. |
| 2 | Immune System | √ | √ | | |
| 3 | Evolution | √ | √ | | |
| 4 | Population Genetics | √ | √ | | |

Formative: - Class Tests, Assignments, Class participation, Lab

Subject: Foundation Mathematics 6

Code: MA30106

Class: EP M6/1-2

Teacher's Name: Keerthi Prabhakar

| Contents | Formative 2 | Final Exam | Written Answers | Classroom Handouts | Remark |
|------------------------|-------------|------------|-----------------|----------------------------|---|
| 1. SAT MCQ Questions | √ | √ | √ | Class notes and Worksheets | Content might change because of time constraints. |
| 2. Arithmetic Sequence | √ | √ | √ | | |
| 3. Geometric Sequence | √ | √ | √ | | |
| 4. Arithmetic Series | √ | √ | √ | | |
| 5. Geometric Series | √ | √ | √ | | |

Formative 2: - Quizzes - Worksheets - Tests

วิชาภาษาไทยพื้นฐาน ๒ (๓๐๑๐๒)

- ประโยค - สำนวน
- ข้อบกพร่องในการใช้ภาษา - ชนิดยพันธกรณ์

วิชาสังคมศึกษา ศาสนาและวัฒนธรรมพื้นฐาน 6

(๓30106)

สาระที่ 4 ประวัติศาสตร์

- ประวัติศาสตร์ชาติไทย - ประวัติศาสตร์โลกตะวันตก
- ประวัติศาสตร์โลกตะวันออก - ประวัติศาสตร์โลกร่วมสมัยที่ส่งผลต่อการเปลี่ยนแปลงโลกในทศวรรษที่ 21

สาระที่ 5 ภูมิศาสตร์

- เครื่องมือทางภูมิศาสตร์ - ภูมิศาสตร์ประเทศไทย
- โลกและปรากฏการณ์ทางภูมิศาสตร์
- การอนุรักษ์และการมีส่วนร่วมในการแก้ไขปัญหาสิ่งแวดล้อม