



BMAT COURSE- SESSION PLAN

LESSON NO	TOPICS
	PHASE 1:DIAGNOSTIC TEST (2 HOURS)
LESSON 1 (2 Hours)	Discussion of the structure of the test and test taking strategies. Discussion of Diagnostic test and scopes of improvement. Section 1: Thinking Skills-Part 1-Problem Solving
LESSON 2 (2 Hours)	Section 1: Thinking Skills-Part 1-Critical Thinking -All Questions types and Strategies.Strategies per question type. How to Score in this section of the test using examples.
LESSON 3 (2 Hours)	Section 2: Scientific Knowledge and Application-Mathematics-Units, Numbers, Ratios and Proportion,Algebra
LESSON 4 (2 Hours)	Section 2: Scientific Knowledge and Application-Mathematics-Statistics, Probability
LESSON 5 (2 Hours)	Section 2: Scientific Knowledge and Application-Physics-Electricity and Magnetism
LESSON 6 (2 Hours)	Section 2: Scientific Knowledge and Application-Physics-Mechanics
LESSON 7 (2 Hours)	Section 2: Scientific Knowledge and Application-Physics-Thermal Physics and Matter
LESSON 8 (2 Hours)	Section 2: Scientific Knowledge and Application-Physics-Waves and Radio Activity
LESSON 9 (2 Hours)	Section 2: Scientific Knowledge and Application-Chemistry-Atomic Structure, Periodic table, equations,chemical reactions
LESSON 10 (2 Hour)	Section 2: Scientific Knowledge and Application-Chemistry-Quantitative Chemistry
LESSON 11 (2 Hour)	Section 2: Scientific Knowledge and Application-Chemistry-Bonding, Group Chemistry, Separation Techniques, Acids and Bases
LESSON 12 (2 Hour)	Section 2: Scientific Knowledge and Application-Chemistry-Atomic Structure, Periodic table, equations,chemical reactions
LESSON 13 (2 Hour)	Section 2: Scientific Knowledge and Application- Chemistry -Energetics, Rates of reaction,Electrolysis,Organic Chemistry
LESSON 14 (2 Hour)	Section 2: Scientific Knowledge and Application-Chemistry-Metals, Kinetic/Particle theory, Chemical tests, air and water
LESSON 15 (2 Hour)	Section 2: Scientific Knowledge and Application-Biology-Cells, Membranes, Cell division and sex determination, Inheritance
LESSON 16 (2 Hours)	Section 2: Scientific Knowledge and Application-Biology-DNA, Gene, variation, Enzymes, Ecosystems
LESSON 17 (2 Hours)	Section 2: Scientific Knowledge and Application-Biology-Animal Physiology
LESSON 18 (2 Hours)	Section 3: Writing Task -Part 1
LESSON 19 (2 Hours)	Section 3: Writing Task -Part 2
LESSON 20-27 (2 Hours)	4 Mock tests+Review