

Uva Wellassa University of Sri Lanka
Faculty of Science and Technology
Department of Science and Technology
300 Level 2nd Semester Examination – Dec 2017/Jan 2018
MRT 322-2 Gemstone Fashioning



Instructions to candidates

Duration: Two (2) hours

Number of questions: Four (4)

Answer all the questions

Mark allocation: 100 Marks

1. Describe in detail the purpose of cutting and polishing a rough gem. [25 Marks]
2. Explain briefly the process involved where a rough gem is cut and polished to produce a standard brilliant cut. [25 Marks]
3. With a labeled diagram describe the Standard Brilliant cut. [25 Marks]
4. How would you cut and polish the following gems to exhibit their optical phenomena properly?
 - a. Star Sapphire
 - b. Cat's Eye[25 Marks]

