



RAJARATA UNIVERSITY OF SRI LANKA

FACULTY OF APPLIED SCIENCES

B.Sc. (General) Degree

Third Year Semester II Examination – April/May 2016

CHE 3104– PETROLEUM CHEMISTRY

Answer all questions

Time: One hour

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1. a. Using an illustration describe the petroleum formation and occurrence [10 marks]
b. Give a brief description of a Crude oil reservoir [10 marks]
c. List the composition of petroleum by element and hydrocarbon weight percentage [05 marks]

 2. a. Describe the drilling methods used for recovery of petroleum giving the advantages and disadvantages of each method [10 marks]
b. Petroleum consists of a mixture of hydrocarbons and some hetero atom substituted hydrocarbons. Give a detailed description of these hydrocarbons. [10 marks]
c. List out the classification of the refinery products [05 marks]