

THE HONG KONG POLYTECHNIC UNIVERSITY
HONG KONG COMMUNITY COLLEGE

Subject Title : Organic Chemistry

Subject Code : CCN2274

Session : Semester One, 2018/19

Numerical Answers

Question B1

- (c)(i) $[\alpha]_D = +34.4^\circ$
(c)(ii) mass = 0.188 g

Question B3

- (b) Number of pi electrons = 6

Question B4

- (c) Number of degrees of unsaturation = 6
(d) Number of degrees of unsaturation = 9; Maximum number of double bond = 3

Question C2

- (f) 20