

THE HONG KONG POLYTECHNIC UNIVERSITY  
HONG KONG COMMUNITY COLLEGE

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**Subject Title** : Aircraft Engines

**Subject Code** : CCN2289

**Session** : Semester Two, 2016/17

**Numerical Answers**

**Question B7**

20.1, 1.26

**Question C1**

(e) 1920 rpm

**Question C3**

(a)(ii) 3044.55 kW

(a)(iii) 7014.4 kW

(a)(iv) 50.8%

**Question C4**

(a)(i) 146.67

(a)(ii) 42 Hp

(a)(iii) 33.4 Hp

(a)(iv) 24%

(a)(v) 79%