

IMPERIAL COLLEGE LONDON

DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING  
EXAMINATIONS 2018

MSc and EEE/EIE PART IV: MEng and ACGI

**ADVANCED COMMUNICATION THEORY**

2<sup>nd</sup> May 2018, 10:00 am

Time allowed: 3:00 hours

**There are 25 questions on this paper.**

**Answer ALL questions.**

**The multiple choice questions together account for 40% of the marks.**

*Answers to multiple choice questions 1-20 should be given on the paper itself.*

*Students are not permitted to use more than one answer book.*

*Students are not permitted to take the question paper away.*

*The following are provided:*

*A table of Fourier transforms*

*A Gaussian Tail Function graph*

Examiners responsible:

First Marker(s):      A. Manikas