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DipCam Examination Paper





All questions are based on the course material provided - no specific level of prior compressed air knowledge is assumed. You will not be required to memorise formulae, where they are required these will be provided. The time allotted for the exam is three hours and included in that time is **a maximum of 15 minutes for reading the questions.**

There are four multiple-choice to let you in gently. These are followed by seven groups of long questions - each group comprises many questions under a common theme. Some require essay entry via the LMS. Calculations and diagrams must be completed on this paper. Each question structure is detailed below along with the time expected and marks awarded. When working through a mathematical question, show your working and thinking so we can see how you arrived at your final answer.

This is a closed book examination. You may not refer to notes, books or reference material of any kind, although use of a calculator is permitted. Your exam paper will need to be scanned or photographed and submitted to the BCAS team at **training@bcas.org.uk** within 30 minutes of the exam time finishing.

Failure to meet the timeline will mean that the marks for this part of the submission will not be awarded.

Please **postpone** all questions on the LMS. This will allow you to go back and check them at the end of the exam – only submit when you do not want to add or alter an answer. On question 22 where there is only a drawing you must type **completed** into the LMS to allow the test to proceed. Good luck!

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| **Exam Question Groups** | **Time Allowed** | **Marks** |
| Questions 1 – 4 | 10 minutes | **4 marks** (total) |
| Questions 5 – 7  | 20 minutes | **16 marks** (total)Drawing (2 marks) |
| Question 8 | 15 minutes | **8 marks** (total)Drawing (4 marks) |
| Questions 9 – 21  | 25 minutes | **30 marks** (total)Drawing 2.5 marks |
| Questions 22 – 29  | 25 minutes | **18 marks** (total)Drawing (6 marks) |
| Questions 30 – 32  | 25 minutes | **14 marks** (total) |
| Questions 33 – 39  | 25 minutes | **20 marks** (total)Drawing (6 marks) |
| Questions 40 – 50  | 20 minutes | **17 marks** (total) |
| **Total marks available** | **126 marks** |
| **Examination marking** | **Pass** | **Over 50% (63 marks)** |
| **Merit** | **70-84.9% (88-106.9 marks)** |
| **Distinction** | **85% (107 or above)** |

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| **Number** | **Question Type** | **Answer Completion Method** | **Tick when complete** |
| 1 – 4 | Multiple choice | LMS entry tick box |  |
| 5  | Essay | Type answer into LMS |  |
| 6 | Essay plus drawing | Type answers into LMS – paper for required drawing |  |
| 7  | Multiple choice | LMS entry tick box |  |
| 8  | Essay plus drawing | Type answers into LMS – paper for required drawing |  |
| 9  | Essay | Type full answer into LMS |  |
| 10  | Multiple choice  | LMS entry tick box |  |
| 11 – 15 | Essay | Type full answer into LMS |  |
| 16 | Essay | Type full answer into LMS |  |
| 17 | Essay | Type full answer into LMS |  |
| 18 | Essay plus drawing | Type answers into LMS – paper for required drawing |  |
| 19 – 21 | Essay | Type full answer into LMS |  |
| 22 | Drawing | Paper for required drawing – **Type completed into LMS** |  |
| 23 – 27 | Essay | Type full answer into LMS |  |
| 28 | Essay plus drawing | Type answers into LMS – paper for required drawing |  |
| 29 | Essay  | Type full answer into LMS |  |
| 30 – 32 | Mathematical | Paper for required formulae and answers |  |
| 33 | Essay | Type full answer into LMS |  |
| 34 | Essay plus drawing | Type answers into LMS – paper for required drawing |  |
| 35 | Essay | Type full answer into LMS |  |
| 36 | Essay plus drawing | Type answers into LMS – paper for required drawing |  |
| 37 – 38 | Essay  | Type full answer into LMS |  |
| 39 | Essay plus drawing | Type answers into LMS – paper for required drawing |  |
| 40 – 47 | Essay  | Type full answer into LMS |  |

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| **First Name** |  |
| **Surname** |  |
| **Candidate Number** |  |
| **Company** |  |
| **Examination Date** |  |
| **Venue** |  |
| **Start Time** |  |
| **End Time** |  |

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