

THE INSTITUTE OF CARPENTERS



Fellowship Examination

12th - 16th June 2000

Paper 2: ORGANISATION AND SUPERVISION

TIME ALLOWED: THREE HOURS

The following instructions should be read by all CANDIDATES before they commence work.

To obtain full marks Candidates must answer SIX questions. The answer to each question should be submitted on a separate sheet of paper.

The question number and your candidate number must be clearly written in the top right-hand corner of each answer sheet.

1.
 - (a) Using suitable headings prepare an ironmongery schedule and specification for a four bed roomed house.
 - (b) State **FOUR** uses for such a schedule.
 - (c) State **THREE** other types of schedule that an Architect might prepare for a larger contract.

2. Employees should be issued with a 'Contract of Employment'.
 - (a) List **TEN** items that the document should contain.
 - (b) State what is meant by “continuous employment”, and how this affects an employee's rights relating to dismissal.
 - (c) The contract may refer to “The Working Rule Agreement” of the Building Industry. Indicate how this agreement relates to employee’s rights and state why it is referred to in a Contract of Employment.

3. With reference to a Bill of Quantities.
 - (a) Explain using examples where appropriate, how each of the following would appear :-
 - (i) Provisional Sums. (ii) Prime Cost Sums.
 - (b) List **SIX** items that may appear in the preliminaries section.
 - (c) State the purpose of the “preamble” to each of the Trade sections.
 - (d) Define the terms.
 - (i) Taking off; (ii) Abstracting; (iii) Working-up.

4. The Health and Safety at Work etc. Act 1974 refers to obligations of Employers, Employees and the Self-employed. Relating to this Act explain :-
 - (a) The duties of the following :-
 - (i) Employer; (ii) Employee.
 - (b) The term 'At work' in relation to the following :-
 - (i) Employee; (ii) Self-employed person.
 - (c) The meaning of the phrase “Reasonably Practicable”.

5. Explain how quality control and the maintenance of high standards of workmanship is best achieved in the :-
- (a) Protection of materials prior to use;
 - (b) Protection of completed work relating to :-
 - (i) Floors; (ii) Door Frames/Linings;
 - (iii) Stairs; (iv) Work Tops and Units.
 - (c) Testing of materials.
6. (a) List the advantages and dis-advantages of using Sub-Contracted labour on a large contract.
- (b) Define the term "Nominated Sub-Contractor".
- (c) Explain the difference between "Selected Tendering" and "Open Tendering".
7. Severe wood rot has been discovered in the ground floor of a house which has stood empty for some time. The new owner has requested an investigation to determine the extent of the problem.
- Prepare a report on the infestation, remedial measures recommended and approximate costs.
8. The current Building Regulations state that "Stairways should be such as to afford safe passage for the users of the building". A client has queried how a stair for a private dwelling would comply with this regulation.
- With the aid of sketches, formulate a reply to this query with reference to the "approved document on stairs".