

THE INSTITUTE OF CARPENTERS



Fellowship Examination

14th - 18th June 1999

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. B.E.C. , T.R.A.D.A. and U. C. A. T. T. are initials of organisations with a prominent role in the building industry. Select **TWO** and state their full names and list their functions and the source from which their membership is obtained.
2. The Health and Safety at Work Act 1974 imposes a duty on employers to consult "safety representatives".
 - (a) Who do these representatives serve?
 - (b) What are their functions?
 - (c) Outline facilities that must be made available to them.
3. A joinery firm has won a contract to provide hardwood joinery for a new branch of a building society. Two types of hardwood are specified.
 - (a) List the factors to be taken into consideration when selecting the timber.
 - (b) Describe all the necessary measures to ensure quality control from site measurement to completion.
 - (c) Write a specification for the work.
4. A small builder wishes to employ a foreman for work of good quality including jobbing. Describe the qualities and attributes which would be looked for when interviewing candidates.
5. Carpenters and Joiners should be familiar with BS 5268
 - (a) State the full name of this document.
 - (b) Describe one of the areas covered by this document.
6.
 - (a) State **six** ways in which the craft foreman can help to maintain or develop a high morale among his/her work force.
 - (b) List **five** factors that a company might use to motivate individuals towards higher quality work.
7. Briefly define the following :-
 - (a) All-in rate; (b) Nominated sub-contractor; (c) Provisional sums;
 - (d) Fixed price tender; (e) Penalty clause.
8. Describe the use of the following in the planning of construction projects :-
 - (a) Bar charts; (b) Network analysis.