

Module 11

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Having read this CPD module and made use of the bibliography, you should be ready to select the correct answer to each question below. Tick one box per question.

1) Natural ventilation in a "standard" office with openings on one side only is likely to be able to ventilate to what approximate depth?

- ☐ A Depth equal to room height
- ☐ B 2.5 m
- ☐ C 6.0 m
- ☐ D Whole room depth regardless of size
- ☐ E No ventilation depth – two sides needed

2) Natural ventilation is generally accepted as being able to cope with a room load of:

- ☐ A 0-10 W/m²
- ☐ B 10-20 W/m²
- ☐ C 20-30 W/m²
- ☐ D 30-40 W/m²
- ☐ E 40-50 W/m²

3) Under the draft 2006 revision to Part F of the Building Regulations, the general fresh air requirement has risen by:

- ☐ A 10%
- ☐ B 25%
- ☐ C 50%
- ☐ D 75%
- ☐ E 100%

4) The fresh air requirement has altered in the draft 2006 revision to Part F because:

- ☐ A Outdoor air is not so clean
- ☐ B Building permeability is likely to be lower
- ☐ C Occupants are smellier
- ☐ D To reduce energy costs
- ☐ E To make air conditioning a requirement

5) Which of these is *not* a potential benefit of mixed-mode systems?

- ☐ A Lower CO₂ emissions
- ☐ B More flexible internal design conditions
- ☐ C Reduced running-time of air-conditioning systems
- ☐ D Helps to meet the requirements of the draft 2006 revision to the Building Regulations
- ☐ E Provides close control all year round across the whole building

Send this page by 2 December 2005

(Unfortunately, due to time restrictions, any answers received after the above date will not be processed)

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In return you will receive a Building Services Journal CPD passport and the appropriate number of CPD study-time tokens earned, which can be stuck into the spaces provided as validated proof of study. Each module is worth, in the organisers' opinion, a maximum of one-and-a-half hours' study time. **Please note that tokens will not be sent out until after the closing date.** Answers will be published in the January 2006 issue.

Queries about the CPD collection should be emailed to the course co-ordinator: sarah.weller@archimage.co.uk

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Which of the following best describes your job function:

- ☐ Consultant
- ☐ Contractor
- ☐ Local/national government
- ☐ Financial services
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Answers to Module 9:

September issue – Biomass for buildings

Q1: C Q2: B Q3: C Q4: B Q5: A

Forthcoming module:

To be announced