

EPC Training SELF-ASSESSMENT QUESTIONS

1. Which Part or Section of the local Building Regulations or Standards cover conservation of fuel and power?
 - A. Part F
 - B. Section 6
 - C. Part J
 - D. Part L

2. What is the reasonable limit for the design air permeability of a building given in Approved Document L2A?
 - A. 10 m³/h/m² at 50 Pa
 - B. 5 m³/h/m² at 50 Pa
 - C. 20 m³/h/m² at 50 Pa
 - D. 0.5 m³/h/m² at 50 Pa

3. What is the name of the EU Directive relevant to energy consumption in buildings that was published on 16th December 2002 and came into force on 4th January 2003?
 - A. Energy efficiency directive
 - B. Part L Directive
 - C. Energy Performance of Buildings Directive
 - D. Electrical Performance Directive

4. What building sector does Energy Consumption Guide 19 (ECG19) cover?
 - A. Retail
 - B. Offices
 - C. Warehouses
 - D. Industrial

5. The Energy Performance in Buildings Directive requires which of the following activities to be carried out on buildings?
 - A. Provision of an energy performance certificate on construction, sale or rental of a building over 50m²
 - B. Display of an energy performance certificate in buildings over 1,000m² frequently visited by the public
 - C. Regular inspection of air conditioning systems over 12kW rated output
 - D. All of the above

6. Which of the following is a reasonable provision to meet Requirement L1(c) of Schedule 1 of Part L of the Building Regulations in England and Wales.?
 - A. Building Log Books
 - B. Air conditioning Inspection
 - C. Energy surveys
 - D. Energy Certification of buildings

7. What aspect of building design needs special consideration in a naturally ventilated building?
 - A. thermal performance of the building fabric
 - B. avoiding the risk of overheating due to solar gains
 - C. compliance with minimum performance standards for fabric and fixed building services
 - D. management of the commissioning of fixed building services

8. In what is energy performance measured when calculating it using SBEM or other approved software?
 - A. kWh
 - B. kWh/m²
 - C. kg CO₂/m²
 - D. Kg CO₂

9. Which article of the relevant EU directive requires "suitably qualified and or accredited personnel" to carry out energy certification?
 - A. Article ten
 - B. Article six
 - C. Article eight
 - D. Article one

10. What is the Government's target year for all non domestic buildings to have zero carbon emissions?
 - A. 2010
 - B. 2019
 - C. 2050
 - D. 2016

Answers

1. In E&W D, in Scotland B, in N Ireland A, 2. A. $10 \text{ m}^3/\text{h}/\text{m}^2$ at 50 Pa 3. C = Energy Performance of Buildings Directive, 4. B = Offices, 5. D = All of the above, 6. A = Building Log Books, 7. B = risk of overheating due to solar gains, 8. C = $\text{kg CO}_2/\text{m}^2$, 9. A = Article Ten, 10. B = 2019