

ACS Practice Test Questions and Answers

1. What is the purpose of the Gas Safe Register?

- A) To issue gas safety certificates to homeowners
- B) To maintain a register of businesses and engineers legally permitted to work on gas appliances and fittings, and to enforce gas safety standards
- C) To record all gas safety incidents nationally
- D) To approve new gas appliance designs

2. What is 'vitiation' of the combustion air supply?

- A) The deliberate introduction of additional air to improve combustion
- B) The depletion of oxygen in the room air available to an open-flued appliance, caused by prolonged combustion or poor ventilation, leading to incomplete combustion and CO production
- C) The contamination of the gas supply with air
- D) Condensation on the flue terminal in cold weather

3. What is the purpose of a gas meter index reading?

- A) To verify that the gas pressure is correct
- B) To record the volume of gas consumed at the premises, forming the basis of the customer's gas bill
- C) To measure the efficiency of the gas appliance
- D) To confirm the meter is correctly calibrated by the engineer

4. What does the 'gas rate' of an appliance measure?

- A) The cost per unit of gas consumed
- B) The volume of gas consumed per unit time, used to verify the appliance is operating within its design range and not overfiring or underfiring
- C) The pressure of gas at the appliance inlet
- D) The thermal efficiency of the appliance

Answers: 1-B 2-B 3-B 4-B

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