

MODERN METHODS OF CONSTRUCTION: MULTIPLE CHOICE

1. Modern methods of construction (or MMC) are:

- a) A new and quicker way of providing buildings, by maximising the efficiency of material and human resources
- b) A cheaper way of providing buildings, by not worrying about material and human resources
- c) A new and quicker way of providing buildings, by avoiding health and safety requirements

2. Another phrase for MMC is:

- a) Quick construction
- b) Bargain construction
- c) Smart construction

3. What are the 2 things that need to be continually developed, improved and adapted for the construction industry to be able to meet the needs of the 21st century?

- a) Availability and affordability
- b) Sustainability and availability
- c) Sustainability and efficiency

4. MMC is a process which focuses on off-site construction techniques, such as what?

- a) Less production and factory assembly
- b) Mass production and factory assembly
- c) Green production and on-site assembly

5. The process can do what?

- a) Produce more homes but they will take longer to build because being kinder to the environment takes up time
- b) Produce more homes in less time whilst improving quality and being kinder to the environment
- c) Produce fewer homes but resulting in better quality and being kinder to the environment.

6. MMC can provide which of the following benefits?

- a) It avoids unnecessary waste, improves quality though increased labour costs because it speeds up delivery
- b) It avoids unnecessary waste; improves quality; reduces labour costs but slows down delivery
- c) It avoids unnecessary waste; improves quality; reduces labour costs and speeds up delivery

7. Some of the innovative practices that modern methods of construction use are what? (Tick 2)

- a) Creating panelled units in factories, which can be quickly assembled onsite to create 3D structures
- b) Laminate flooring and single glazed windows
- c) Pre-cast concrete foundations and pre-formed wiring looms

8. Lots of the pre-fabricated homes use sustainable and eco-friendly timber but many people worry about what?

- a) The smell of the wood
- b) Fire safety risks
- c) Flooding

9. The emerging technology used in HOF (House of the Future) will do what?

- a) Reduce bills and impact environmental aspects of climate change
- b) Increase bills because technology is expensive
- c) Make house buying more expensive

10. Which 3 words could be used to describe ground source heat pumps?

- a) Deficient, greener and cheaper
- b) Efficient, greener but dearer
- c) Efficient, greener and cheaper

Answers (Modern Methods of Construction MC)

1. A

2. C

3. C

4. B

5. B

6. C

7. A, C

8. B

9. A

10. C