

Mohamed Boudiaf University of M'sila	Duration : 2 hours
Institute of Urban Techniques Management	Le: 18/01/2026
Common Core Department	Meftah.allal@univ-Biskra.dz

Typical correction – English Module

I. READ THE TEXT THEN A TITLE (THE MAIN IDEA) FOR EACH PARAGRAPH (04 p):

-Concrete as a Widely Used Construction Material.

1. Concrete is now considered the most widely used construction material in the world, second only to water. Its success stems from its exceptional mechanical properties, including its high compressive strength, durability, and versatility. These qualities make concrete an essential element in the construction of most civil engineering projects, such as bridges, dams, roads, and modern buildings.

-Advantages of Concrete: Flexibility, Strength, and Cost-Effectiveness.

2. Thanks to its malleability in its fresh state and its rigidity after hardening, concrete allows architects and engineers to create bold forms that combine strength and aesthetics. Furthermore, its relatively low cost, ease of implementation, and the availability of its components explain its indispensable role in the construction sector.

-Environmental Impact of Concrete and Resource Depletion.

3. However, this heavy reliance on concrete has concerning environmental consequences. Indeed, its production requires enormous quantities of natural aggregates (sand and gravel), which represent approximately 75% of its total volume. The overexploitation of these resources leads to ecosystem degradation, the gradual disappearance of natural deposits, and contributes to the depletion of raw materials.

-Recycled Concrete as an Eco-Friendly Alternative

4. Faced with these challenges, scientific research is shifting towards more sustainable solutions, particularly the recycling of construction materials. The use of recycled concrete aggregates (RCA) appears as a promising alternative for preserving natural resources and reducing the environmental impact of the construction sector.

"This topic, addressed in Dr. Allal Meftah's article-Elsivier, highlights the importance of this approach to vaporizing construction waste, which is fully aligned with a sustainable development strategy and responsible urban planning policies."

I. TEXT COMPREHENSION QUESTIONS (08 p):

1. What is the most widely used construction material in the world after water?
→ **Concrete**
2. What are the main mechanical properties of concrete?
→ **High compressive strength, durability, and versatility.**
3. Give examples of civil engineering structures made of concrete.
→ **Bridges, dams, roads, modern buildings.**
4. Why is concrete considered an economical and practical material?
→ **It is easy to use, low-cost, and its components are widely available.**
5. What proportion of concrete's total volume is made of natural aggregates?
→ **About 75%.**

6. What are the environmental consequences of excessive aggregate extraction?
→ **Ecosystem degradation, loss of natural deposits, depletion of resources.**
7. What sustainable solution does the text propose?
→ **Recycling construction materials, particularly RCA**
8. What does the abbreviation RCA stand for?
→ **Recycled Concrete Aggregate.**

III. CONTENT ANALYSIS QUESTIONS (05 p) :

1. How does the text present the dual nature of concrete: beneficial and problematic?
→ **Concrete is essential and effective, but its environmental impact is negative due to natural resource exploitation.**
2. How does the text highlight the importance of scientific research?
→ **Research seeks to improve recycling techniques and make concrete more sustainable.**
3. What relationship does the text establish between urbanization, construction, and environmental impact?
→ **Population growth and urbanization increase concrete demand, which intensifies environmental pressure**
4. Why does the author emphasize recycling in the construction sector?
→ **It is an eco-friendly solution that reduces waste and preserves resources**
5. Does the text adopt a descriptive, explanatory, or argumentative tone? Justify.
→ **It is mostly explanatory, presenting facts, definitions, and solutions, but also argumentative, promoting recycling and sustainability**

6. **VI. PLEASE BRIEFLY DESCRIBE THE PRESENTATION YOU GAVE DURING THE SEMESTER (03 p):**

1. Introduction (01 p)

During the semester, I gave a presentation on a topic studied in class. In the introduction, I explained the subject of my presentation and its importance. I also outlined the main points that I would develop in order to give a general overview of the content.

2. Content (Development) (01 p)

In the first part, I clearly explained the topic by providing a definition and some general information.

Then, I developed the main ideas using examples to facilitate understanding.

Finally, I answered questions and discussed the topic with my classmates to further clarify certain points.

3. Conclusion(01 p)

In conclusion, I summarized the main ideas of my presentation and highlighted the importance of the topic. I ended by giving a message or a recommendation related to the subject.

Good luck,

Dr. Allal Meftah.