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| **Type of Document** | **Questions & Answers paper** |
| **Subject** | **Technical evaluation** |
| **Time, Date and Place** | 11/11/2021, from 9h00 to 16h30 |
| **Candidate** | Oussaou Houssin |
| **Hiring round** | Fall 2021 |
| **Evaluation supervisor** | Amine EL Mourabit |

**General Guidelines & Instructions to respect while answering the questions:**

1. Total test duration is fixed at 7 hours 30 minutes divided as the following:
   1. Maximum 2 hours to answer the Questions number (1,2,3).
   2. Maximum 30 minutes to answer the Question number (4).
   3. An additional 1 hour is provided for lunch-break.
2. Please to respond to at least one question in English and one question in French (But you must answer all the four assigned questions).
3. Please to write your answers using the following style:
   1. Font: Times New Roman;
   2. Size: 12;
   3. Justified text with 1,15 lines spacing.
4. Please to properly reference the Work that is not your property.
5. We encourage you using Pictures and charts while writing answers.
6. Please share your answers in a Microsoft Word document.

**Question 1.** Please develop in a minimum of two pages, a concise narrative explaining two different methodologies to forecasting the price of crude oil worldwide and explain the reason why you chose them. Please also describe your independent variables and explain why you chose them. **(Minimum 2 pages/ Maximum 2 hours).**

**Question 2.** Please develop in a minimum of two pages a methodology to forecast the natural gas demand in Morocco and describe your independent variables and the reason why you chose them. Please also explain the reason why you chose the methodology and describe its limitations. **Minimum 2 pages/ Maximum 2 hours).**

**Question 3.** Please describe in a minimum of two pages, the role of temperature-controlled logistics in improving the quality of perishable foods in Africa. (**Minimum 2 pages/ Maximum 2hours).**

**Question 4.** At LixCap, we are confronted regularly with client teams that have diverse backgrounds, some clients may be skilled quantitatively, others qualify as economists or master technical expertise in a subject area. How do you anticipate communicating concise information to such a diverse client team? (**Maximum 1 pages/ 30 minutes).**