الجامعة اللبنانية
كلية العلوم الاقتصادية
وإدارة الأعمال

مباراة الدخول

الثلاثاء 11 اب ٢٠٢٦

مسابقة في مادة الاقتصاد
المدة: ٧٥ دقيقة

الاسم:
الرقم:

**Part One: (6 points)**

1- The total cost of an economic enterprise is $TC = 0.3\,Q^2 + 400\,Q + 1200$ where (TC): represents the total cost (m.u) and (Q) quantity produced in units. And the market price (P) is represented by the following equation: $P = 0.5\,Q + 402$

1.1- Calculate the total cost, average fixed cost, average variable cost, and marginal cost of the enterprise at a production level of Q = 10 units. (1.25 pts.)

1.2- Specify the quantity of production that achieves the maximum profit for the enterprise. (0.75 pt.)

2- Mr. Rami deposited an amount of 300,000 m.u in a bank for a period extending from May 6 till September 20, at a simple annual interest rate of 7%.

2.1- Calculate the amount of interest that Mr. Rami will receive at the end of the deposit period. (0.75 pt.)

2.2- If Mr. Rami decided to deposit the same amount in another bank for a period of 7 months at a compound annual interest rate of 6%, calculate the interest amount that he will receive at maturity. (0.75 pt.)

3- 3.1- Copy the following table on your answer sheet and fill in the blanks with the appropriate data. (2 pts.)

| Quantity of production (Q) | Fixed Cost (in m.u) | Variable Cost (in m.u) | Total Cost (in m.u) | Marginal Cost (in m.u) |
|---|---|---|---|---|
| 0 | | | 1000 | ---- |
| 100 | | 800 | | |
| 200 | | | 3000 | |
| 300 | | | | 6 |

3.2- Specify the financial situation of the enterprise at a production level of 200 units, given that the selling price of one unit is 20 m.u. (0.5 pt.)

**Part Two: (4 points)**

1- A certain country decided to increase public spending on higher education aiming to ensure a specialized workforce.

1.1- Name the developmental policy adopted. (0.5 pt.)

1.2- Show the impact of this measure on the economic situation. (0.75 pt.)

2- A certain country that adopts an economic system decided to take the following two measures

- increasing tariffs on imports on short term.
- specifying prices of some essential goods.

2.1- Name the economic system adopted in this country. (0.25 pt.)

2.2- Specify the two principles that prompted the government to take these two measures, mentioning a negative consequence for each principle. (1.5 pts.)

3- Specify the type of unemployment described in each of the following situations: (1 pt.)

3.1- A company replaced a large number of workers with modern machines operating through artificial intelligence applications.

3.2- During summer, Sami works in tourism sector and he stops working due to the end of the season.

3.3- A certain ministry suffers from a surplus in the number of employees where the productivity of some of them became so weak.

3.4- A large number of students graduate from universities in specializations not required by the labor market.

**Part Three: (10 points)**

**Document No. (1):**

| Indicators / Years | 2022 | 2023 | 2024 | 2025 |
|---|---|---|---|---|
| Economic growth rate % | 1 | - 0.7 | - 7.1 | 3.5 |
| inflation rate % | 171.2 | 221.3 | 45.2 | 14.6 |

Source: Reports of the World Bank, the International Monetary Fund, and the Lebanese Ministry of Economy and Trade, 2026

**Document No. (2):**

Bank Audi's economic report for the first quarter of 2026 stated that, in addition to human and material losses, all economic sectors were affected by the outbreak of the war, knowing that the tourism sector was the most affected. Investment entered a state of anticipation and hesitation, as investors postponed or cancelled their investment decisions, which headed the country into a new economic crisis and which led to a rise in the unemployment rate.

Bank Audi estimates the daily cost of the war during the month of March at about 75 million US dollars. This direct cost includes the destruction of buildings and infrastructure. In addition, the repercussions of the war on the economy are likely to be contractionary, and the inflation rate is expected to reach 20% this year.

Source: Bank Audi: First Quarter Report, Monday, April 27, 2026

**Document No. 3**:

The return to public finance problems caused by the additional spending increases the money supply in Lebanese pounds, putting substantial pressure on the currency. In fact, additional expenditures in the medium term may be linked to the burdens of war and displacement (migration), accompanied by a decline in public revenues, especially if the conflict is prolonged. However, in the long term, public expenditures may be related to reconstruction, infrastructure, public salaries, and others…

At the same time, the balance of payments must remain in surplus by attracting external inflows, which can be achieved by reducing operating costs, in addition to improving the general political and security climate that stimulates foreign direct investment in Lebanon.

Source: Bank Audi: First Macroeconomic Findings of the War, Friday, April 24, 2026

**Referring to the documents above, answer the following questions**:

1- Referring to Document No. (1):

1.1- Specify the two phases of the economic cycle that Lebanon went through between 2022 and 2025, justifying your answer. (1 pt.)

1.2- Show the impact of the change in financial inflation rate on the economic growth rate between 2024 and 2025. (1 pt.)

2- Based on Document No. (2):

2.1- Deduce the type of unemployment, justify your answer with a proof from the document. (1 pt.)

2.2- Extract an economic indicator, then explain its impact on the type of unemployment deduced. (1 pt.)

3- Based on Document No. (3):

3.1- Deduce the financial problem, justifying your answer with proof from the document. (0.5 pt.)

3.2- Extract from the document the two factors that contributed to attracting external inflows. (0.5 pt.)

3.3- Show the impact of one of the factors extracted on improving the economic situation referred to in Document No. (2). (1 pt.)

4- Referring to the documents number 2 and 3 above, write a text in which you suggest: (4 pts.)

- An appropriate policy to address the two economic problems and the social one, mentioning two measures within this policy, linking the application of these two measures and solving each of the economic and social situation.
- An appropriate structural policy to overcome the financial problem, mentioning two measures within this policy, linking between the two measures and overcoming the problem.