

**L'ARBI BEN MHIDI UNIVERSITY – OEB**  
**Institute of Technology and Applied Sciences – Ain Mlila –**  
**Departement of Network and Telecommunication**

**English exam correction**

**Full name :** .....

**Group :** .....

**Task 1 :**

Complete the table : (5 PTS)

<b>Prefix</b>	<b>Meaning</b>	<b>Example</b>
Semi ( Semicircle )	Half (0.5)	Semiconductor (0.5)
Re( Reorder )	Do again (0.5)	Reorganize (0.5)
Dis ( Disconnect )	Opposite (0.5)	Disagree (0.5)
Over ( Overrated )	Toomuch (0.5)	Overload (0.5)
Mini ( Minibar )	Small (0.5)	Minicomputer (0.5)

**Task 2 :**

Match th wordswiththeirappropriatedefinition : ( **Redundant, Degradation, Analogue, Wireless telecommunication, Dish, Digital, Frequency modulation**)  
(7pts)

1. A deviceused for collecting satellite TV Signals : **Dish (1pt)**
2. A system in which data isrepresented as 0 or 1 : **Digital (1pt)**
3. Describingthat part of the total Information contained in a message that Can betakenawaywithoutloss of Essential information : **Redundant (1pt)**
4. The deterioration in quality, level, or Standard of performance :  
**Degradation (1pt)**
5. Where voltage levels change the frequency Of a carrier wave : **Frequency modulation (1 pt)**

6. A system in which data is represented as a continuously varying voltage :  
**Analogue (1 pt)**
7. The transmission of information over a distance without help of wires, cables or any other forms of electrical conductors : **Wireless telecommunication (1pt)**

**Task 3 :** Fill in the gaps using : **Accuracy, Speed up, Span, Measurement, Level off.** (5pts)

1. The new technology will **Speed up** The production process. (1 pt)
2. The **Span** of the project lasted over three months. (1 pt)
3. The **Measurement** of the temperature was accurate. (1pt)
4. The plane's altitude will **Level off** at 10000 feet. (1 pt)
5. The team have already verified the **accuracy** of the report. (1 pt)

**Task 4 :**

What are the 3 main types of transmission modes in telecommunication, give an example on each type. (3 pts)

- 1 – Simplex (0.5) : like : tv broadcasting (0.5)
- 2 – Half duplex (0.5) : like : Walkie talkie (0.5)
- 3 – Full duplex (0.5) : like : Mobile phones (0.5)

**Good luck.**