GEOGRAPHIC TEXTS

**LESSON 3**

**PART 1**

**The Nature of Geographic Systems**

Any set of things linked together by some kind of interaction constitutes a system. You deal with several sorts of systems every day. Highway systems in which cities and towns interact with each other via vehicles moving over the ground is just an example.

All systems involve interactions and most interactions take the form of exchanges or cycles of energy and matter. In the water cycle, for instance, the atmosphere and the hydrosphere exchange matter when the oceans feed the atmosphere with water vapor and the atmosphere in turn feeds the oceans with rainwater. The exchange process is driven by energy, beginning with heat powering evaporations on the ocean surface. The heat energy in turn is transferred into the atmosphere with the vapor and then released into the air with the formation of clouds and rain-water. Thus we have a cycle, one of many that exists between the atmosphere and hydrosphere.

**اجب على السؤال التالي**

* ما فكرة الاساسية التي يدور حولها النص؟

\_الفكره الأساسية هى : طبيعة الأنظمة الجغرافية

**PART 2**

أعيدي كتابة كل مصطلح باللغة الانجليزية الى اللغة العربية

* Infant Mortality Rate

معدل وفيات الاطفال الرضع

* Planetary Winds

الرياح الدائمة

* Spatial Organization

التنظيم المكاني

* Intensity of Rainfall

كثافة المطر

* Vital Statistics

الاحصاءات الحيوية

* Sample Survey

المسح بالعينة

* Population Data

البيانات السكانية

* Population Problem

المشكلة السكانية

* Urban Sprawl

التمدد العمرانيالحضاري

* Relative Location

الموقع النسبي

* Contour Lines

خطوط الكنتور

**PART 3**

**Translate the following texts into Arabic, then guess what exactly we are talking about:**

It is a visible’ star, preferably a prominent one; that is, a star whose apparent position is close to one of the celestial poles, and which lies approximately directly overhead when viewed from the Earth’s North Pole or South Pole. A similar concept also applies to other planets than the Earth. In practice, the term pole star usually refers to Polaris, which is the current Northern Pole Star, also known as the North Star.

**النص عن: النجم القطبي**

هو نجم مرئى ، إنه بالفعل نجم بارز وشهير، إنه النجم الذى يقع قريبا من إحدى الأقطاب الفلكية والذى يمكن رؤيته مباشرة عندما تنظر من القطب الشمالى أو القطب الجنوبى وهذا النجم أيضا يظهر لكواكب أخرى وليس فقط كوكب الأرض. من الناحيه العمليه، فإن مصطلح النجم القطبى دائما يعود إلى الأشياء القطبيه وهذا هو نجم القطب الشمالى وأيضا يعرف بالنجم الشمالى.

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**HOMEWORK ASSIGNMENT**

**RESEARCH THE FOLLOWING TOPIC IN ENGLISH:**

**CULTURAL GEOGRAPHY**

BE PREPARED TO SHARE YOUR RESEARCH AND PRESENT YOUR THOUGHTS TO YOUR COLLEAGUES.