JAG02K Session II

Task 1 Collocations

What is the one word	that collocates with	all the adjectives an	nd verbs below?

abundant	scarce	plentiful	sufficient	renew	able (in)e	exhaustible
finite		?			to co	onserve
untapped	sustainable	human	natural	to lack	to exploit	to use up

Task 2 Video

What are some examples of energy decisions you make every day? https://ed.ted.com/lessons/a-guide-to-the-energy-of-the-earth-joshua-m-sneideman

	What does it mean when we say that there is a "finite" amount of energy in our universe?
2.	What are the Earth's physical systems?
3.	What happens during energy transfer?
4.	Where does the planet's energy come from?
5.	How do greenhouses gases affect the energy flow?
6.	How do humans release food energy?
7.	How does energy flow in the food chain?
	What kind of energy do fossil fuels contain?
9.	How do we generate electricity?
10	. Why does access to energy matter?
11	. Why should we improve our energy efficiency?

Task 3 PROS AND CONS OF WIND FARMS

- A) The use of wind turbines for the generation of green electricity is often an emotive subject and there are persuasive arguments for and against this form of renewable energy generation. Sort the arguments into those FOR and AGAINST.
- 1. Land-based wind energy has the potential of covering six times the world's electricity consumption, or the world's total energy consumption. The energy consumption for production, installation, operation and decommission of a wind turbine is usually earned back within three months of operation.
- 2. Siting wind farms offshore raises issues such as dangers to navigation.
- 3. There is a perception that wind farms are noisy and are eyesores.
- 4. More recent wind farms have their turbines spaced further apart, due to the higher capacity of the individual wind turbines. They no longer have the cluttered look of the early wind farms.
- 5. It is possible to hold a conversation directly underneath a modern wind turbine without any difficulty whatever and without raising one's voice. The modern turbine is quieter than its predecessors owing to improvements in the blade design.
- 6. Studies show that the number of birds and bats killed by wind turbines is negligible when compared with other human activities such as traffic, hunting and high-rise buildings.
- 7. The construction of a large wind energy facility requires straight flat roads, a large hole filled with tons of steel and concrete to secure each giant assembly, clearing of trees in wooded areas and a transformer and power lines for each turbine.
- 8. An important complaint is that wind turbines kill many birds and bats. Siting generally takes into account bird flight patterns, but most paths of migration, particularly for birds that fly by night, are unknown.

B) Agreeing and Disagreeing

Make collocations by matching words from the left with words on the right.

be	agree		into an a	rgument in	complete agreement
tend to	see	enter	agree	a compromise	sb's opinion
reach	sha	are	sb's point	up to a poin	nt/ entirely / to disagree

C) Discussion

The government plans to build a wind farm near the coast and you are in a town meeting to discuss the issue. Each person should take one of the roles below and think about their position. Which arguments will you use to support your point and convince the others you are right?

- a) You are a wind farm owner who wants to build a new wind farm here.
- b) You are a government official whose task is to find ways to reduce oil consumption.
- c) You are an environmentalist who wants the government to act decisively to reduce pollution.
- d) You are a resident in the area where the government is proposing to build a wind farm. You love the peaceful atmosphere of the area and are worried about the decline of seabirds in your country.

(Task 5 adapted from Lane, S. Instant Academic Skills. CUP, 2011)

Task 4 Exam practice - Passive

Rewrite the sentences into passive.

1.	They demolished the building in only two days.
	The building
2.	They are destroying large areas of forest every day.
	Large areas of forest
3.	They will not announce the findings until next week.
	The findings
4.	The city council authorities should ban traffic from the city centre.
	Traffic
5.	She told the student to submit her essay by Friday.
	The student
6.	Someone explained the procedure to me.
	The procedure
7.	The committee has approved of the project.
	The project
8.	They are developing a new drug to combat asthma in small children
	A new drug