

Exam: Urban Ecology

Question 01 (6pts):

_The persistence of foliage gives us an idea about the type of tree and its uses in urban context, explain.

_ يوضح لنا ثبات أوراق الشجر فكرة عن نوع الشجرة واستخداماتها في السياق الحضري.

Response 01:

evergreen foliage offers a permanent backdrop but the flowering of evergreen shrubs is sometimes much less ornamental suitable for areas with floods risk, unlike deciduous foliage that offers more ornamental and efficient coverage from the sun but harder to maintain suitable for hurricane and strong winds.

Question 02 (4pts):

_ Where is usually the lagunage technique used (in urban scale)?

_ (على المستوى الحضري)؟lagunageأين تستخدم عادة تقنية

Response 02:

The lagunage technique is usually used in open green spaces such as urban parks, urban gardens also in agricultural and mountain areas.

Question 03 (4pts):

_ What is the main difference between urban ecology and sustainability?

_ ما هو الفرق الرئيسي بين البيئة الحضرية والاستدامة؟

Response 03:

The main difference between urban ecology and sustainability is that sustainability as a concept is more explicit in giving importance to the social aspect of the urban life where in urban ecology the focus is mainly on the scientific aspect of interaction between ecosystems and the urban elements.

Question 04 (6pts):

_In a table, classify and explain the following tools of transportation according to their gas emission or energy consumption, time of travel, distance and usual pricing: electric cars, bicycles, tramway, urban bus.

_ في جدول، قم بتصنيف وشرح أدوات النقل التالية حسب انبعاث الغاز أو استهلاك الطاقة ووقت السفر والمسافة والسعر المعتاد: السيارات الكهربائية، الدراجات، الترام، الحافلات الحضرية.

Response 04:

	gas emission or energy consumption	time of travel	distance	usual pricing	Explication
electric cars	3	1	1	4	Price, energy and the non- availability
bicycles	1	4	4	1	Special urban model
tramway	4	2	2	3	Important flows and the country's electricity source
urban bus	2	3	3	2	The efficiency of the transportation network