

الدكتورة ميس محمد حسين
الدرجة: 100

سلم تصحيح مقرر المشكلات البيئية باللغة الانكليزية
الفصل الثاني للعام الدراسي ٢٠٢٤/٢٠٢٥
عدد الأسئلة (٨)

جامعة نمشوق
كلية العلوم
قسم العلوم البيئية

Question 1: (20 marks)

درجة واحدة لكل اختيار صحيح

1. Environmental degradation has some detrimental effects on:
d. a+b+c
2. The biggest Environmental problems of 2024
d. a+b+c
3. Efforts addressing Environmental issues
d. a+b
4. The effects of climate change can differ
b. Globally
5. Climate change refers to: a. shifting in blooming time
6. Types of natural resources
d. a+b+c
7. The environmental impact of agriculture involves impacts on
d. a+c
8. The extensive land use affect on earth's environment as it:
d. b+c
9. Examples of soil degradation process are:
d. a+b+c
10. Causes of soil degradation are:
b. Farming on steep slopes
11. Forest play a critical role in mitigation
a. Climate change
12. Deforestation contributes to
c. a+b
13. Causes of food insecurity are:
a. Water scarcity
14. region was the most affected by hunger and food insecurity
a. Africa
15. Reduction in biological biodiversity in a given area can be:
c. temporary or permanent
16. New technological advances like enhance our ability to monitor biodiversity
d. a+c

17. biodiversity loss affects: d. a+b+c
18. 40% of Earth's land is (a. dry) lands
19. Desertification can be caused by:
b. Urbanization
20. a. whose soils are often degraded by the accumulation of salts

Question 2: Complete the following sentences by filling in the missing words: (33 marks)

1. Greenhouse gases. 1
2. Global warming. 1
3. Wind energy, hydropower, Bioenergy 3
4. Scale of practices 1
5. People destroy forests for: logging activities 1.5, livestock grazing 1.5 3
6. Sustainable agriculture 1
7. There are two main uses of agriculture land are: Arable farming 1.5 and Pasture land 3
8. Soil is a complex ecological system. 2
9. Deforestation, urbanization urban expansion, Overgrazing, mono-cropping, and Poor farming practices 2
10. human. 1
11. one of these: Fire, shifting agriculture and. (human activities) . 1
12. The four pillars of Food security 2
13. food insecurity 2
14. genes, species and ecosystems 3
15. Desertification can be caused by climate change. 2
16. to combat desertification 2
17. reduce, reuse, and recycle 3

Question 3: Translate the following sections to Arabic (15 marks)

- تُعد إزالة الغابات مصدر قلق خاص في الغابات المطيرة الاستوائية^١، وهي من أكثر الأقاليم تنوعاً بيولوجياً على وجه الأرض^١. كما أنها تُخزن كميات وفيرة من الكربون^١، وتُنظّم الطقس الإقليمي^٢.
- تتم إعادة زراعة الأراضي التي أزيلت منها الغابات في بعض المناطق^١. تتم بعض عمليات إعادة الزرع هذه لتجديد مناطق قطع الأشجار^١ لاستغلالها في المستقبل^١، ويتم إجراء بعض عمليات إعادة الزرع كشكل من أشكال الاستعادة البيئية^١.

Question 4: What causes the depletion of our natural resources? (6 marks)

1- unsustainable human activities 2- climate change 2, and 3- population growth and overpopulation. 2

Question 5: How does Agriculture contribute to greenhouse gases (4 m)

Fossil fuel in agriculture^١ Soil carbon loss from intensive tillage^٢, Emissions associated with fertilizers^١, Emissions from animal production and manure management.^٢

Question 6: What are soil degradation effects and consequences? (7 marks)

Organic Matter Loss^١ Loss of Land Quality and Productivity loss of arable Land Pollution and Clogging of Waterways Loss of Biodiversity Increased Flooding Desertification

Question 7: what are main causes of biodiversity loss?5

The main causes of current biodiversity loss are:

1. Habitat destruction, 2. Land use intensification (and ensuing land loss/habitat loss), 3. Nutrient pollution and other forms of pollution (air and water pollution, 4. Overexploitation and unsustainable use (for example unsustainable fishing methods, overfishing, overconsumption and human overpopulation), 5. Invasive species that effectively compete for a niche, replacing native species, 6. Climate change.

Question8: 10 marks

تمنح ال ١٠ علامات وتوزع بين المقدمة و أسباب وتأثيرات (نتائج) وحلول المشكلة البيئية التي يختار الطالب الكتابة عنها. لا تمنح العلامة في حال عدم اكتمال معنى الجملة

مدرس المقرر

الدكتورة ميس محمد حسين