

Answer All the following Questions

Total: 90 Marks

Question (1): [40 Marks]

A) Complete the following: (30 Marks)

1. is the world's largest national park that is a habitat for various animals such as....., and.....
2. protectorate which located in the southwest of Fayoum city has one of the most important fossil records from Eocene era.
3. and..... organisms live in the seismic crack of Ras Mohamed Reserve.
4. Katherina, , and Gebels are the famous mountains in St. Katherine protectorate.
5. Improperly adjusted workstations and chairs are among the various examples of hazard.
6. Ras Mohamed protected area contains diverse plants such as....., and.....
7. is a rare geological protected area known for its stunning formations (stalactites, stalagmites, columns) created by calcite-rich thermal springs.

B) Calculate the risk rating of an accident if its severity =3 and probability = 5 and comment on your result. (4 Marks)

C) How to apply the second level of the control measures Hierarchy on the previous accident. (6 Marks)

Question (2): [30 Marks]

A) Discuss the following: (18 Marks)

1. St. Katherine Protectorate has a rich and unique biodiversity. (6 Marks)
2. Adaptive strategies of desert plants. (6 Marks)
3. Nabq has one of the richest combinations of ecosystems in a single protected area (6 Marks)

B) Mention to the various threats faced only two of the following protectorates:

(12 Marks)

1. Mount kamel meteor
2. Lake Qarun
3. Petrified forest
4. Nabq

Question (3): [20 Marks]

1. Write on the ecological importance of magic lake. **(4 Marks)**
2. Illustrate the management strategies that applied in Nabq reserve. **(10 Marks)**
3. According to the ecotourism principles, what are the key environmental rules travelers should follow in protected areas? **(6 Marks)**

Good Luck

Examiner: Dr. Basma Omar