

**SOF Olympiad Practice**  
**GK: 1.Plants and Animals**

R.D. Lochan

Answer all the questions.
---------------------------

1. Match column I with column II and select the correct option from the codes given below.

**Column I**

- (i) Sulphur dioxide in air
- (ii) CFCs
- (iii) Sewage dumped in river
- (iv) Dust in air
- (v) Excess fertiliser in fields

**Column II**

- (a) Damage ozone layer
- (b) Leads to food toxicity
- (c) Prevents photosynthesis
- (d) Produce acid rain
- (e) Causes water borne diseases

**A. (i)-(d), (ii)-(a), (iii)-(e), (iv)-(c), (v)-(b)**

B. (i)-(c), (ii)-(b), (iii)-(e), (iv)-(d), (v)-(a)

C. (i)-(b), (ii)-(e), (iii)-(a), (iv)-(c), (v)-(d)

D. (i)-(d), (ii)-(a), (iii)-(c), (iv)-(e), (v)-(b)

2. It is an extinct species of flowering plants. It was endemic to an Island in South Atlantic Ocean and was the only member of the genus *Nesiotia*. What is the name of this plant?

A. Winter Bell    B. Lemonade Berry    C. Wild Jack    **D. St.Helena Olive**

3. This lizard, native to Indonesia, is the largest living species of lizard in the world growing up to 10 ft. These lizards dominate the ecosystems in which they live. It hunts and surprisingly attacks its prey including invertebrates, birds and mammals. What is this lizard called?

**A. Komodo dragon**    B. Skink    C. Gila monster    D. Iguana

4. It looks like a giant guinea pig, but it is not a pig. It is the world's largest rodent native to South America. Its partly-webbed feet make it a good swimmer. It spends much of its time around water or wallowing in mud. Which animal is this?

A. Slow loris    B. Kangaroo rat    **C. Capybara**    D. Dormouse

5. Kangaroos, opossums and wallabies are \_\_\_\_\_

A. Monotremes    B. Bovine    C. Primates    **D. Marsupials**

6. This animal, found throughout the United States and portions of Canada and Mexico, reacts to extreme danger, by pretending to be dead. It even produces a foul, corpse-like smell from its anal glands. Which animal are we talking about?

A. Dormouse    B. Aye-aye    **C. Opossum**    D. Tree shrew

7. This fruit is a staple diet in the Pacific Islands. It is eaten baked or boiled, or sliced and fried. It is rich in starch. Name the fruit.

A. Dates    B. Jackfruit    **C. Breadfruit**    D. Cooking plantain

8. The bhut jolokia reigned supreme till 2010 with a scoville measure of a million units. It is grown in the states of the Assam, Nagaland, Arunachal Pradesh and Manipur. What kind of fruit is it?  
A. Banana B. Mango C. **Chili pepper** D. Coconut
9. This animal is related to the giraffe, though it is only about five feet high at the shoulder and has a much shorter neck. This mammal has a red-brown body and dazzling white stripes on its legs and bottom. It is a native of Africa. What is it called?  
A. **Okapi** B. Horse C. Jerboa D. Echidna
10. Proboscis monkey is a reddish-brown arboreal Old World monkey that is endemic to Southeast Asian island of Borneo. Which of the following is a prominent feature in a proboscis monkey?  
A. **Nose** B. Tail C. Lip D. Ear
11. The "Lesser Florican" is a grassland bird, endemic to the Indian subcontinent. It is also known as \_\_\_\_\_  
A. All of these B. **Kharmor** C. Bulbul D. Sarus
12. This animal ejects a defensive fluid produced by its anal glands when in danger. The fluid which is foul smelling and highly toxic, is sprayed as far as 3 metres. Name the animal.  
A. **Skunk** B. Slender loris C. Armadillo D. Jellyfish
13. The branch of botany which deals with the scientific study of ancient plants using plant fossils found in sedimentary rocks to understand the evolutionary history of plants is called \_\_\_\_\_  
A. **Paleobotany** B. Forensic botany C. Astrobotany D. None of these
14. This animal is a cousin of cattle but resembles antelopes and is one of the rarest and most threatened mammals on the planet found in the Annamite mountains of Vietnam and Laos. Which animal is this?  
A. Grizzled tree kangaroo B. Vaquita C. Giant panda D. **Saola**
15. Select incorrect statement.  
A. Climbing perch can gulp oxygen from the air and uses its pectoral fin to walk on land.  
B. **All mammals without exception give birth to their young ones.**  
C. Brazilian tree frog is a species of frog that eats berries and fruits.  
D. Bee hummingbird is the smallest bird on the earth.

# OMR Answer Sheet

**1**    A B C D  
      ① ② ③ ④

**2**    A B C D  
      ① ② ③ ④

**3**    A B C D  
      ① ② ③ ④

**4**    A B C D  
      ① ② ③ ④

**5**    A B C D  
      ① ② ③ ④

**6**    A B C D  
      ① ② ③ ④

**7**    A B C D  
      ① ② ③ ④

**8**    A B C D  
      ① ② ③ ④

**9**    A B C D  
      ① ② ③ ④

**10**    A B C D  
      ① ② ③ ④

**11**    A B C D  
      ① ② ③ ④

**12**    A B C D  
      ① ② ③ ④

**13**    A B C D  
      ① ② ③ ④

**14**    A B C D  
      ① ② ③ ④

**15**    A B C D  
      ① ② ③ ④