

2023

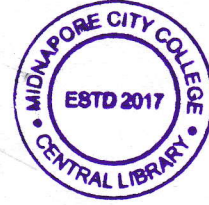
BFSC 5th Semester Examination

(Aquatic Mammals, Reptiles and Amphibians)

PAPER — BFSC-505

Full Marks : 50

Time : 2 hours



Inorajit

The figures in the right-hand margin indicate marks.

*Candidates are required to give their answers
in their own words as far as practicable.*

Illustrate the answers wherever necessary.

1. Answer **any ten** from the following questions :
2×10=20

(a) What is sanctuary? Give an example of whale sanctuary.

~~(b)~~ Mention any two adaptive features of sea snakes.

~~(c)~~ Write the systematic position of dolphins with its specimen characters.

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(Turn Over)

(2)

- (d) What is Red Data Book?
- (e) Mention two differences between Dugongs and Manatees.
- (f) What is the primary food of Dugongs?
- (g) Comment on the modification of ischiium in Manatees.
- (h) What are the anthropogenic threats to dolphins in India?
- (i) Write the systematic position of Olive ridley turtle.
- (j) What is the primary reason for Walrus hunting?
- (k) Comment on the legislative conservation of marine mammals.
- (l) Comment on the diet of polar bears.
- (m) What is Wildlife Protection Act and in which year was it passed?
- (n) Comment on the fishing interaction threats to Manatees.
- (o) What is the function of blubber in seals?

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(Continued)



(3)

2. Answer any six from the following questions :
5×6=30

- (a) Write a note on the major threats to polar bear population.
- (b) Enumerate the objectives of crocodile project in India.
- (c) Write briefly the conservation strategies of pinnipeds.
- (d) Describe the threats and conservation measures of Otter in India. 2+3=5
- (e) Describe the role of human activities and climate change on reducing whale population.
- (f) Discuss about the mitigation measures of the threats to sea turtles.
- (g) What is the effect of pollution on dolphins? State the primary difference between dolphin and porpoise. 4+1=5
- (h) Discuss the impact of fur trade on sea otter population.
- (i) Discuss how pollution and toxicants affect the physiology of seals.

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(Turn Over)

(4)

- (i) Discuss the role of protected areas and legislation in the conservation of Cetaceans.

