

(6 Pages)

Reg. No. :

Code No. : 10240 E Sub. Code : GMZO 6 A

B.Sc. (CBCS) DEGREE EXAMINATION,
APRIL 2020.

Sixth Semester

Zoology — Main

Major Elective — AQUACULTURE

(For those who joined in July 2012 – 2015)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL the questions.

Choose the correct answer :

1. The aim to promote aquaculture is to
 - (a) increase foreign exchange
 - (b) solve food problem
 - (c) increase employment
 - (d) all the above

2. The first aquaculture producer in the world is
- (a) India (b) Japan
- (c) China (d) England
3. Culture of different species together is called
- (a) Monoculture
- (b) Monosex culture
- (c) Composite culture
- (d) None
4. Shell fish culture includes the culture of
- (a) Oyster (b) Sea weeds
- (c) Carp (d) Tilapia
5. *Pinctada fucata* is a
- (a) Pearl oyster
- (b) Edible oyster
- (c) Mussel
- (d) Seaweed

6. Drying of pond bottom is to
- (a) Eradicate unwanted species
 - (b) Sterilize
 - (c) Fertilize
 - (d) Improve production
7. A scavenger in a play culture pond is
- (a) Mrigal (b) Rohu
 - (c) Catla (d) Calbasu
8. The endoparasite of fish is
- (a) Argulus (b) Hemilepsis
 - (c) Lerneae (d) Ligula
9. Simplest method of fish curing is
- (a) Drying (b) Salting
 - (c) Freezing (d) Smoking
10. CMFRI is a
- (a) State Govt. (b) Central Govt.
 - (c) Private (d) Public

PART B — ($5 \times 5 = 25$ marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 250 words.

11. (a) Define aquaculture and its scope.

Or

- (b) List out some culturable fishes in fresh water.

12. (a) How to transport the fish seeds?

Or

- (b) Write notes on Bundh breeding.

13. (a) What is sewage fedfish culture?

Or

- (b) Explain induced breeding.

14. (a) Write notes on Artemia and its significance.

Or

- (b) Explain any two viral diseases in Fishes.

15. (a) Expand and explain MPEDA.

Or

- (b) List out the crafts used in fishing.

PART C — ($5 \times 8 = 40$ marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 600 words.

16. (a) Write an essay on Aquaculture in India.

Or

- (b) Discuss the three major types of aquaculture.

17. (a) Write an account on the types of ponds in aquaculture.

Or

- (b) Write an account on the culture of marine prawns.

18. (a) Explain integrated fish farming.

Or

- (b) Write an essay on paddy cum fish culture.

19. (a) Give an account on the fish feed.

Or

(b) Write an account on the nutritional deficiency diseases in fishes.

20. (a) Write an essay on the water quality management in aquaculture.

Or

(b) Describe the various fish preservation techniques.
