



KERALA AGRICULTURAL UNIVERSITY
B.Sc. (Hons.) C&B 2017 and previous admissions
IV Semester Final Examination- July-2019

Fish.2201

Aquaculture (1+1)

Marks: 50
Time: 2 hours

I State True or False (10x1=10)

- 1 It is recommended to select acid sulphate site for shrimp farming.
- 2 Alkalinity of water is its capacity to neutralize acids.
- 3 Pokkali fields occupy large low-lying areas in W.Bengal.
- 4 *Litopenaeus vannamei* is a non-native species of India.
- 5 All bivalves have carnivorous feeding habit.
- 6 Pokkali is a salt resistant paddy variety of Kerala.
- 7 Catla is an exotic carp.
- 8 Aquatic insects of freshwater nursery ponds are controlled by application of cow dung.
- 9 Silver carp is a bottom dweller.
- 10 Ideal range of pH for fish culture is pH 8-9.

II Write short notes on ANY FIVE of the following (5x2=10)

- 1 The pearl sac principle.
- 2 Sea-mussels farming in India.
- 3 Control of aquatic insects.
- 4 Marine ornamental fish culture.
- 5 Clam culture in India.
- 6 Species for coldwater aquaculture in India.
- 7 Control of predatory and weed fish n carp rearing ponds.

III Answer ANY FIVE of the following (5x4=20)

- 1 Explain about oyster farming systems in India.
- 2 Discuss the milkfish culture methods.
- 3 Write a brief account of seabass culture.
- 4 Discuss about air-breathing fish culture.
- 5 Write an account of sewage-fed aquaculture.
- 6 Species selection in aquaculture.
- 7 Lobster culture.

IV Write an essay on ANY ONE of the following (1x10=10)

- 1 Explain the water quality management in freshwater pond culture.
- 2 Discuss the pre-stocking management in carp nursery ponds.
