

**SYLLABI FOR FISHERY EXTENSION OFFICER**  
**EXAMINATION UNDER FISHERIES DEPARTMENT-2017**

***General English Paper - I (3 hours duration)***

ESSAY TYPE  
**(Full Marks : 100)**

- (a) Essay Writing (Conventional)..... 20 Marks
- (b) Idioms & Phrases (Objective Type)..... 16 Marks
- (c) Comprehension of given passages (Objective Type)..... 16 Marks
- (d) Grammar (Objective Type) ..... 16 Marks  
Parts of Speech : Nouns, Adjective, Verb, Adverb, Preposition, etc.
- (e) Composition (Objective Type)..... 16 Marks
  - i) Analysis of complex and compound sentences
  - ii) Transformation of sentences
  - iii) Synthesis of sentences
- (f) Correct usage and vocabularies (Objective Type) ..... 16 Marks

***General English Paper - II (2 hours duration)***

OBJECTIVE TYPE (MCQ)  
**(Full Marks : 100)**

- (a) Grammar : .....40 Marks  
*Parts of Speech, Nouns, Adjective, Verb, Adverb, Preposition, etc.*
- (b) Composition .....30 Marks
  - i) *Analysis of complex and compound sentences*
  - ii) *Transformation of sentences*
  - iii) *Synthesis of sentences*
- (c) Correct usage and vocabularies .....30 Marks

PAPER – I (Full Mark – 200)

Duration : 2 Hours

- a) Taxonomy of Fin Fish and Shell Fish
- b) Limnology
- c) Soil and Water Chemistry
- d) Aquaculture in Reservoir
- e) Aquatic ecology and Biodiversity
- f) Fisheries Extension
- g) Statistics and Economics
- h) Ornamental Fisheries

PAPER – II (Full Mark – 200)

Duration : 2 Hours

- a) Anatomy, Physiology
- b) Biology of Fin Fish and Shell Fish
- c) Genetics and Breeding
- d) Fresh Water and Cold Water Fisheries
- e) Fish Food Organisms
- f) Aquaculture Engineering
- g) Fish in Nutrition
- h) Inland Fisheries, Fishing Crafts and Gears

PAPER – III (Full Mark – 200)

Duration : 2 Hours

A. (150 Mark)

- a) Food Chemistry and Bio-chemistry
- b) Fish Immunology, Disease and Management
- c) Fundamental of Microbiology
- d) Fish Processing Technology
- e) Population Dynamic and Stock Assessment

B. Aptitude (50 Mark):

(a) Numerical And Figurework Tests: (4 Marks)

These tests are reflections of fluency with numbers and calculations. It shows how easily a person can think with numbers. The subject will be given a series of numbers. His/Her task is to see how the numbers go together to form a relationship with each other. He/She has to choose a number which would go next in the series.

(b) Verbal Analysis And Vocabulary Tests: (6 Marks)

These tests measure the degree of comfort and fluency with the English language. These tests will measure how a person will reason with words. The subject will be given questions with alternative answers, that will reflect his/her command of the rule and use of English language.

(c) Visual And Spatial/3-D Ability Tests: (4 Marks)

These tests are used to measure perceptual speed and acuity. The subject will be shown pictures where he/she is asked to identify the odd one out; or which comes next in the sequence or explores how easily he/she can see and turn around objects in space.

(d) Abstract Reasoning Tests: (6 Marks)

This test measures the ability to analyse information and solve problems on a complex, thought based level. It measures a person's ability to quickly identify patterns, logical rules and trends in new data, integrate this information, and apply it to solve problems.