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.