2019

Major 3rd Semester Examination

INDUSTRIAL FISH AND FISHERIES

Paper - SEC 1-T

Full Marks : 40   Time : 2 Hours

The figures in the margin indicate full marks.
Candidates are required to give their answers
in their own words as far as practicable.

Indigenous Traditional Knowledge in Fisheries

Answer as per direction of questions.

1. Answer *any five* questions :   5×2=10

    (a) What is basic concept of ITK ?   2

    (b) State different common tools used in fisheries
        resource exploitation.   2

    (c) Enlist different knowledge explicitly used for
        harvesting fishes in riverine system.   2

    (d) State limitations of ITK.   2

[Turn Over]

(e) How would you conserve ITK ? 2

(f) Define Intellectual Property Right (IPR) 2

(g) State the limits of PIC. 2

(h) What is understanding of Indian Biological Diversity Act ? 2

2. Answer *any four* questions from the below : 4×5=20

(a) Describe evolutionary perspectives of Indigenous Knowledge. 5

(b) Explain different types of indigenous knowledge used in inland fishing. 5

(c) Discuss role of National Biodiversity Authority on ITK. 5

(d) Briefly narrate different types of IPR with example. 5

(e) Describe TRIPS agreement by WTO during 1989-1990. 5

(f) Briefly explain the blending of ITK by Modern technology. 5

3. Answer *any one* question : 1×10=10

(a) (i) Compare among indigenous knowledge and advance scientific knowledge related to fishing.

(ii) What are the reasons for non-adoption of technical knowledge ?

(iii) State the demerits for sharing the IPR related to exploitation of Fisheries resources.

3+4+3

(b) Short note : 2×5

(i) Validation and dissemination of ITK.

(ii) National Biodiversity authority.

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[Turn Over]

Software for Fisheries data analysis

Answer all questions.

1. Answer *any five* questions :   5×2=10

   (a) Distinguish software and hardware.   2

   (b) What are features of SPSS ?   2

   (c) State the benefit of SAS.   2

   (d) What is data base ?   2

   (e) What is tabulation ?   2

   (f) Define computer terminal.   2

   (g) State the applications of SYSTAT-Version 13.2.

   (h) What are advantages of different computer software?

2. Answer *any four* questions :   4×5=20

   (a) Briefly explain different features of MS-Access.

                                                     5

   (b) State the application of Oracle software on fisheries data analysis.   5

(c) Write brief account on FISAT. 5

(d) How SPSS software used for data analysis ? 5

(e) What is SAS ? How does it work ? 5

(f) Briefly describe different generations of computer with their advantages. 5

3. Answer *any one* question : 1×10=10

(a) (i) What is excel ?

(ii) How would you design different graphs using MS-excel ?

(iii) State the limitations of MS-excel. 2+6+2

(b) Short note : 2×5

(i) Data creation and management

(ii) Stastical software.

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