

1. Fill up the blanks with the appropriate word or words. (10×0.5 = 5)
- a. Inland fish production of India at present is about _____ mmt.
 - b. River Narmada originates from _____ hills.
 - c. Important catfish of Brahmaputra River system is _____ species.
 - d. _____ State rank 1st in inland fish production of India at present.
 - e. Cheer fishing is associated with _____ river system.
 - f. An important tributary of river Krishan is _____.
 - g. Important carp of Cauvery river is _____.
 - h. The east coast river system in peninsular India having a combined length of about _____ kms.
 - i. Hilsa is an example of fish showing _____ type of migration.
 - j. The major inland fishery resources of India comprises fresh water and _____.

2. Match the following. (10×0.5=5)

Column - A

- a) Ramsar convention
- b) Oxbow Lakes
- c) Govinda sagar
- d) Hirakud
- e) Rain bow trout
- f) Beel vi)
- g) Chilka lake
- h) Crussian carp
- i) Anadromous
- j) Zuari estuary

Column - B

- i) Carassius carassius
- ii) Hilsa
- iii) Assam
- iv) Goa
- v) Mahanadi
- Salmo gairdeneri
- vii) River meandering
- viii) Janoes
- ix) Silver carp
- x) Wet lands

PART-B

[20]

3. Choose the most appropriate answer for the following. (10×1 = 10)
- Behundi Jal operated in Hooghly matlaha estuary is a gill net / bag net / drag net / trawl net.
 - Total length of rivers of India is 29000 / 27000 / 24000 / 20000 kms.
 - Jano fishing method is prevalent in Pulicat lake / Vemband / Chilka / Logtoc.
 - Crater lakes are formed due to Wind action / Volcanic action / Land slide / Earth quake.
 - Bendu vala a drag gill net are operated in rivers of Krishana / Godavari / Cauvery / Mahanadi.
 - Mrigal is found a dominate species in Upper / Midle / Lower / Mouth of the Ganga river system.
 - The tributary of river Godavari is Indravati / Bhima / Chambal / Manas.
 - Average fish yield (Kg/ha) from small reservoir is 50 / 70 / 20 / 15.
 - Beels are abundantly found in Assam / Orissa / A.P / Jharkhand.
 - Chocolate Mahaseer is found in good quantity in Godavary / Mahanadi / Cuvery / Krishana.
4. Define the following. (10×1 = 10)
- Anadromous
 - Laminar flow
 - Crater lake
 - Oligohaline
 - Mangroves
 - Beel
 - Behundi Jal
 - Gillnet
 - Reservoir
 - Back waters

PART-C (Answer any Six of the following questions)

[6×5=30]

- Analyse the trends in global inland capture fisheries and comment on its future prospects.
 - Describe the measures adopted for reservoir fisheries development in India.
 - Discuss the fish and fisheries of Godavari river system.
 - Give an account on fisheries of west coast river system.
 - Write briefly on fisheries of Chilka lagoon.
 - Explain dams and their effects on fish migration.
 - Describe the conservation measure of cold water fisheries.
 - Write short notes. (Any One)
- Problems in collection of Inland fish catch statistics
 - Trout hatcheries of India

(1×5)