B.Sc. Semester-IV Examination, 2022-23

FORESTRY [Honours]

Course ID : 43511   Course Code : SH/FST/SA 2206

Course Title : Forest Management

Time : 2 Hours   Full Marks : 50

The figures in the right-hand margin indicate marks.

Candidates are required to give their answers in their own words as far as practicable.

1.   Write a definition or one sentence answer any **ten** of the followings: 1×10=10

   a)   Rotation Age

   b)   Felling series

   c)   Virgin forest

   d)   Cutting section

   e)   Working circle

   f)   Coppice forest

   g)   Sustained yield

   h)   CAI Stands for

   i)   Technical rotation

   j)   Increment

   k)   NCA stands for

   l)   Industrial forests

   m)   Normal forest

   n)   Periodic annual increment

   o)   Forest map

2.   Write short notes / define any **ten** of the followings: 2×10=20

   a)   Necessity of community forestry

   b)   Farm forestry

   c)   Scope of community forestry

   d)   Working plan

   e)   Length of rotations

   f)   Objectives of forest management

   g)   Environmental Conservation

   h)   Compartment

   i)   Types of Rotation

   j)   Clear felling system

   k)   Forest Extension

   l)   Forest conservation

   m)   Fellings rules

   n)   Kinds of abnormality

   o)   Shifting cultivation

3. Write down in brief any **four** of the followings:

$5 \times 4 = 20$

a) Discuss what is the relationship between CAI and MAI.

b) Importance of People in Forest Conservation.

c) Write in detail about JFM.

d) Describe in detail about administrative (organisational) classification of forest department.

e) Describe the concept and principle of sustained yield.

f) Describe scope and principles of forest management.

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