

SH-I/SA/1101/19

B.Sc. 1st Semester (Honours) Examination, 2019-20

FORESTRY

Course ID : SA1101

Course Code : SH-SA-1101

Course Title : Introduction to Forestry

Time: 3 Hours

Full Marks: 70

The figures in the margin indicate full marks.

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

1. Write a definition or short answer of *any ten* of the following: 1×10=10

- (a) Forestry
- (b) Joint forest management
- (c) Shrub
- (d) Forest density
- (e) Vegetation
- (f) Coppice
- (g) Van Mohatsav
- (h) Forest (Ecological)
- (i) Social forestry
- (j) Sapling
- (k) Deciduas forest
- (l) Virgin forest
- (m) National Park
- (n) VVK stands for _____.
- (o) Ecology
- (p) Pure forest
- (q) United Nations Environment Programme - World Conservation Monitoring Centre divides the World's Forest in how many major type?
- (r) Flower
- (s) Silviculture
- (t) FSI stands for _____.
- (u) WWF stands for _____.
- (v) World Forestry Day is celebrated on _____.

- (w) How many Hotspots present in India?
- (x) Mo EF & CC stands for _____.
- (y) Van-Mohatsav celebrated on _____.

2. Write short note/define any ten of the following:

2×10=20

- (a) Differentiates between agroforestry & Social forestry
- (b) Differentiates between even and uneven aged stands
- (c) Write a short note on Match (match box) industry of India.
- (d) Write a short note on Paper industry of India.
- (e) Write a short note on Boreal forest.
- (f) Write a short note on FRI.
- (g) Write a short note on IIRS.
- (h) Temperate broad leaf forest
- (i) Carbon sequestration
- (j) What are the major factors influencing global forests distribution?
- (k) Write a short note on about chapter II (of reserved forests) of Indian Forest Act, 1927.
- (l) Write a short note on the Reserved forest.
- (m) Differentiates between National Park and Sanctuaries
- (n) Write a short note on Global warming.

3. Write down in brief *any six* of the following:

5×6=30

- (a) Explain the role of forests in hydrology with diagram.
 - (b) Write in detail about Indian forestry before 1947.
 - (c) Write in detail direct and indirect benefits of forest.
 - (d) Forest Type of India (Champion & Seth)
 - (e) Write the notes on the FRI and IUCN.
 - (f) Bio-geographical region of India.
 - (g) World forest classification according to WWF
 - (h) What are the drawbacks of Forest Policy of 1894?
 - (i) Write in details chapter IV of Indian Forest Act, 1927.
 - (j) What factors influencing global forests distribution? Discuss any two of them.
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