



HEI-003-1141003

Seat No. _____

M. Sc. (Botany) (Sem. I) (CBCS) Examination

November / December – 2017

BOT - 103 : Biodiversity & Biosystematics

Faculty Code : 003

Subject Code : 1141003

Time : $2\frac{1}{2}$ Hours]

[Total Marks : 70

1 Explain any **seven** terms from the followings with **2x7=14** suitable examples :

- (a) Invasive species
- (b) Rehabilitation
- (c) Akaryotes
- (d) Flagellate organisms
- (e) Lower chordates
- (f) Ascomycetes
- (g) Cellular slime moulds
- (h) Mycorrhizea
- (i) Non-tracheophytes
- (j) Diatoms

2 Write notes on any **two** from the followings : **2x7**

- (a) Impact of climate change on biodiversity
- (b) Ecosystem monitoring
- (c) Over exploitation of biological species.

3 Write notes on the followings : **2x7**

- (a) Classification of microbes
- (b) Cyanobacteria.

OR

3 Write notes on the followings : **2x7**

- (a) General feature of Fungi
- (b) Key characteristic of Gymnosperms.

- 4 Write notes on the followings : **2x7**
- (a) Basic principles of Classification systems of Angiosperms
 - (b) General feature of Algae.
- 5 Write short notes on any **two** from the followings: **2x7**
- (a) Classifications and key features of Reptiles
 - (b) Green protists
 - (c) Ferns
 - (d) CBD.
-