



## INSTRUCTIONS FOR FILLING QUESTIONNAIRE II

### Part - I

1. Write your name in Block Capital Letters.
2. Write code, choose from the following : State Forest Department/SMPB/State Mission - 1, Research Institutions - 2, NGO - 3, Medicinal Plants based industry - 4, Medicinal Plants cultivators / collectors - 5, Others -6
3. Write code, choose from the following : Scientists of ICAR, CSIR, ICFRE Research Institutes/University - 1, Field officer in State Forest Department/SMPB/State Mission (resource manager) - 2, Research manager (officer or scientist in headquarters managing research) - 3, NGO -4, medicinal plants based industry-5 Medicinal Plants cultivators / collectors - 6, Others -7
4. Code of State and Andaman Nicobar Island

|                    |    |               |    |
|--------------------|----|---------------|----|
| Andaman & Nicobar  | 1  | Maharashtra   | 17 |
| Andhra Pradesh     | 2  | Manipur       | 18 |
| Arunanchal Pradesh | 3  | Meghalaya     | 19 |
| Assam              | 4  | Mizoram       | 20 |
| Bihar              | 5  | Nagaland      | 21 |
| Chhattisgarh       | 6  | Orissa        | 22 |
| Delhi              | 7  | Punjab        | 23 |
| Goa                | 8  | Rajasthan     | 24 |
| Gujarat            | 9  | Sikkim        | 25 |
| Haryana            | 10 | Tamilnadu     | 26 |
| Himachal Pradesh   | 11 | Tripura       | 27 |
| Jammu & Kashmir    | 12 | Uttarakhand   | 28 |
| Jharkhand          | 13 | Uttar Pradesh | 29 |
| Karnataka          | 14 | West Bengal   | 30 |
| Kerala             | 15 |               |    |
| Madhya Pradesh     | 16 |               |    |

## **Part - II**

### **SUGGESTIVE LIST OF RESEARCH PROBLEMS FOR QUESTIONNAIRE-II (BY NMPB)**

|    |  |
|----|--|
| 1  | Survey and inventorisation and documentation of medicinal plant resources.                                     |
| 2  | Ecology and environment (Population studies of RET species of Medicinal Plants).                               |
| 3  | Ethnobotany(Documentation of Traditional knowledge of Medicinal Plants).                                       |
| 4  | Reproductive Biology of Medicinal Plants   |
| 5  | Nursery Technology of Medicinal Plants   |
| 6  | Agronomy/ Agrotechniques of medicinal plants   |
| 7  | Intercropping of medicinal plants  |
| 8  | Soil Science related to medicinal plants   |
| 9  | Crop protection in medicinal plants  |
| 10 | Breeding and improvement of Medicinal Plants   |
| 11 | Cyto-Genetics of medicinal plants.   |
| 12 | Molecular Biology of Medicinal Plants  |
| 13 | Clonal Propagation of Medicinal Plants   |
| 14 | Development of good harvesting/collection practices for medicinal plants.                                      |
| 15 | Resource Inventorization and Sustainable harvesting of medicinal plants.                                       |
| 16 | Post Harvest Management.(Drying, grading, & Packing) of medicinal plants                                       |
| 17 | Primary Processing, Value addition & Product formulation of medicinal plants.                                  |
| 18 | Pharmacology/pharmacodynamics of medicinal plants.   |
| 19 | Biological screening, isolation & characterization of active constituents in medicinal plants                  |
| 20 | Bioactivity studies in medicinal plants.   |
| 21 | Phytochemistry of medicinal plants.  |
| 22 | Pharmaceutical aspects of medicinal plants.  |
| 23 | Biochemical studies on medicinal plants.   |
| 24 | Morphology of medicinal plants used in AYUSH.  |
| 25 | Pharmacognosy of medicinal plants used in AYUSH.   |
| 26 | Anatomy and Histology of crude drugs of AYUSH.   |
| 27 | Seed morphology of medicinal plants.   |
| 28 | Seed technology.(seed standard & certification) for medicinal plants   |
| 29 | Seed Storage of medicinal plants.  |
| 30 | In-vitro propagation and conservation (tissue culture) of medicinal plants.                                    |
| 31 | Genetic improvement of medicinal plants.   |
| 32 | Genetic engineering in medicinal Plants.   |
| 33 | Conservation of medicinal plants   |
| 34 | In-situ Conservation of medicinal plants   |
| 35 | MPCA's, MPDA's and reforestation efforts for medicinal plants.   |
| 36 | Natural regeneration of medicinal plants   |
| 37 | Ex-situ Conservation (Botanical Garden, Herbal Farm, Community Herbal Gardens, Gene Banks, Pollen Banks etc.). |

