

Annex 1

The Scientific Productivity System shall cover the following disciplines: (list based on the Scientific Career System of the Civil Service Commission and the Department of Science and Technology)

A. Basic/Natural Sciences and Mathematics

1. Archeology
2. Astronomy
3. Biology (including molecular Biology)
4. Biotechnology
5. Botany
6. Chemistry (including Biochemistry)
7. Earth Sciences
 - 7.1 Geochemistry
 - 7.2 Geology
 - 7.3 Geophysics
 - 7.4 Seismology
 - 7.5 Volcanology
8. Environmental Sciences (including Ecology)
9. Mathematical Sciences
 - 9.1 Mathematics (pure/abstract/applied, including analysis, differential geometry and graphs)
 - 9.2 Operations Research
 - 9.3 Statistics (including mathematical probability, statistical mathematics and computing and graphics)
10. Materials Science
11. Meteorology
12. Microbiology (including Veterinary and Agricultural Microbiology)
13. Nutrition
14. Oceanography and Marine Sciences
15. Physics (including Biophysics and mathematical physics)
16. Space Sciences
 - 16.1 Astronomy
 - 16.2 Interferometry
 - 16.3 Remote Sensing
17. Zoology

B. Engineering and Information and Communication Technology

1. Aeronautical and Nautical Engineering
2. Agricultural Engineering
3. Architecture
4. Chemical Engineering
5. Civil Engineering
6. Computer Engineering
7. Computer Science
8. Communications Engineering
9. Earthquake Engineering
10. Electrical Engineering
11. Electronics Engineering
12. Energy Engineering
13. Environmental Engineering
14. Food Engineering
15. Forest Products Engineering
16. Geothermal Engineering
17. Industrial Engineering
18. Information Technology
19. Materials Engineering
20. Mechanical Engineering
21. Metallurgical Engineering
22. Mining Engineering
23. Nuclear Engineering
24. Structural Engineering
25. Textile Engineering

C. Medical Sciences

1. Basic Sciences
 - 1.1. Anatomy
 - 1.2 Epidemiology
 - 1.3 Medical Pathology
 - 1.4 Medical Parasitology
 - 1.5 Medical Microbiology
 - 1.6 Physiology
 - 1.7 Pharmacology
 - 1.8 Public Health
2. Clinical Sciences
 - 2.1 Medical (including Pediatrics and sub-specialties of Internal Medicine and Psychiatry)
 - 2.2 Surgical [including subspecialties of Surgery, Obstetrics, Gynecology, Ear-Nose-Throat (ENT) and Ophthalmology Medical Biotechnology]
3. Health Related Sciences
 - 3.1 Dentistry
 - 3.2 Medical Technology
 - 3.3 Nursing
 - 3.4 Pharmacy
4. Medical Biotechnology
5. Medical Genetics
6. Rehabilitation Science
 - 6.1 Occupational Therapy
 - 6.2 Physical Therapy
 - 6.3 Rehabilitation Medicine
 - 6.4 Speech Therapy
 - 6.5 Speech Pathology

D. Agricultural Sciences

1. Agricultural Biotechnology
2. Agronomy
3. Animal Science
4. Entomology
5. Fisheries and Aquaculture
6. Food Science and Technology
7. Forestry and forest products
8. Horticulture
9. Plant Breeding and Genetics
10. Plant Pathology
11. Soil Science
12. Veterinary Medicine
13. Weed Science

E. Selected Fields of Social Sciences (per SCC Resolution No. 12 dated 8-20-98)

1. Anthropology
2. Communication
3. Demography
4. Economics
5. Geography
6. History
7. Linguistics
8. Political Science
9. Psychology
10. Public Administration
11. Social Work
12. Sociology

F. Others

1. Library and Archival Sciences
2. Scientific and Technical Documentation