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भारतीय कृषि अनुसंधान परिषद
कृषि भवन, डा. राजेन्द्र प्रसाद मार्ग, नई दिल्ली-110001

INDIAN COUNCIL OF AGRICULTURAL RESEARCH
KRISHI BHAWAN, DR. RAJENDRA PRASAD ROAD, NEW DELHI-110001

F.No. 39(1)/2006-Per.IV

Dated, the 5th April, 2007

To

The Controller of Examination,
ASRB,
KAB, Pusa,
New Delhi – 110 012

Subject : Grouping of 69 ARS disciplines in 38 subjects for the purpose of conduct of ARS Examination – regarding

Sir,

I am to invite reference to your letter No. 1(5)/2006-Exam.II dated 21st November, 2006 forwarding therewith report of the Technical Expert Group constituted in pursuance to decision in the Committee on ARS in its meeting held on 26th August, 2006. The report has been considered in consultation with the SMDs. A statement of subjects in which ARS examination is to be conducted, related disciplines and the eligibility qualifications as approved by the Hon'ble A.M. is enclosed herewith.

Yours faithfully,

(K.K. BAJPAI)

Director (Personnel)

Copy forwarded to :

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10. Personnel I/II/III Section



सर्व शिक्षा अभियान



सब पढ़ें सब बढ़ें

ASRB PROPOSAL OF MAIN DISCIPLINES

(Current ARS/NET disciplines to be included + upcoming subject to be considered for inclusion. Proposed qualification)

S.No.	Main subject in which exam is to be conducted (1)	Discipline of present ARS/NET to be included in the subject vide Col.1 (2)	New areas/subjects that can be considered in future for addition as a discipline in ARS (3)	Qualifications (4)
1.	Agronomy	<ul style="list-style-type: none"> • Agronomy 	<ul style="list-style-type: none"> • Weed Management 	M.Sc.(Ag.) in Agronomy or M.Sc. in soil and Water Management/Soil and Water Conservation
2.	Agri. Chemicals and Chemistry	<ul style="list-style-type: none"> • Agri. Chemistry • Agri. Chemicals/ Organic Chemistry 	-	Master's degree in Agri. Chemicals/Agri. Chemistry or Master's degree in Organic Chemistry
3.	Soil Science	<ul style="list-style-type: none"> • Pedology • Soil Chemistry/ Fertility • Soil Physics, Soil and Water Conservation 		M.Sc. (Ag.) in Soil Science/Soil Science and Agri. Chemistry/Agri. Physics/Soil Physics
4.	Agril. Physics and	<ul style="list-style-type: none"> • Agri. Physics 		Master's degree in Agriculture/Agril.

	Meteorology	<ul style="list-style-type: none"> • Agril. Meteorology • Soil Physics, Soil & Water conservation 		Physics /Soil Physics, Water Science and Technology (B. Sc. Agri. Stream)
5.	Seed Science and Technology	<ul style="list-style-type: none"> • Seed Technology 	<ul style="list-style-type: none"> • Seed Health 	M.Sc.(Ag.) in Seed Tech./Seed Science and Technology/ Plant Breeding
6.	Crop Improvement	<ul style="list-style-type: none"> • Genetics • Plant Breeding • Economic Botany 	<ul style="list-style-type: none"> • Plant Genetic Resources • Agril. Botany 	M.Sc.(Ag.) in Plant Breeding/Genetics/ Plant Genetics Resources/Plant Breeding Genetics/Economics Botany
7.	Agri. Entomology	<ul style="list-style-type: none"> • Agri. Entomology 	<ul style="list-style-type: none"> • Apiculture • Sericulture 	M.Sc.(Ag.) in Agril. Entomology/ Entomology/ Sericulture/ Apiculture
8.	Plant Pathology	<ul style="list-style-type: none"> • Plant Pathology • Nematology (Agri.) 		M.Sc. (Ag.) in Plant Pathology /Nematology or Botany with specialization in Plant Pathology/Mycology/Nematology
9.	Plant Biochemistry and Plant Physiology	<ul style="list-style-type: none"> • Biochem (Plant Sci.) • Plant Physiology 		M.Sc.(Ag.) in Biochemistry/Agri. Biochemistry/Agril. Biotechnology/ Molecular Biology/Microbiology/Plant Physiology /Life Sciences with specialization in Plant Physiology
10.	Agricultural Biotechnology	<ul style="list-style-type: none"> • Biotech (Agri. Sc.) 	<ul style="list-style-type: none"> • Molecular Biology & Genetic Engineering 	M.Sc. in Molecular Biology and Biotechnology/Biochemistry with specialization in Molecular Biology/ Horticulture Biotechnology/Microbiology/ Plant Molecular Biology and Genetic

				Engineering
11.	Agri. Microbiology	<ul style="list-style-type: none"> • Microbiology (Agri.) 	<ul style="list-style-type: none"> • Soil Biology 	M.Sc.(Ag.) in Agriculture Microbiology/ Soil Biology / Microbiology
12.	Horticulture	<ul style="list-style-type: none"> • Fruit Science • Vegetable Science • Floriculture 	<ul style="list-style-type: none"> • PHT of fruits, Vegetable and Floriculture • Mushroom Science 	M.Sc. (Hort)/Fruit Science/Pomology /Veg. Science/ Olericulture/ Floriculture/Post Harvest Technology/Mushroom Science
13.	Agril. Structures and Process Engineering	<ul style="list-style-type: none"> • Agril. Structures and Process Engg. 	<ul style="list-style-type: none"> • Post Harvest Technology • Food Engineering 	M.Tech./M.E/M.Sc. in Agri. Engineering with specialization in Process Engg./Agril. Structure & Process Engg./Dairy & Food Engg./Process & Food Engg./Food Process Engg./Post Harvest Engg./Post Harvest Process and Food Engg. /Food Engineering/Food Technology
14.	Agri. Machinery and Energy	<ul style="list-style-type: none"> • FMP 	<ul style="list-style-type: none"> • Gear and Craft Engineering • Renewable Energy 	M.Sc. in Agri. Engg. with specialization in Farm Machinery and Power/ Renewable Energy /Energy in Agriculture
15.	Land and Water Management Engineering and Technology	<ul style="list-style-type: none"> • Soil & Water Cons . Engineering • Soil & Water Management 	<ul style="list-style-type: none"> • Irrigation and Drainage Engineering • Water Resources Management 	Master's degree in Agri. Engg. with specialization in Soil & Water Conservation / Irrigation / Irrigation and drainage / Water Resources Management /Water Resources Engg./

		(NET only)	<ul style="list-style-type: none"> • Water Science & Tech. 	Water Science & Technology (with B.Tech. degree) M.E./M.Tech in Hydrology.
16.	Home Science and Family Resource Management	<ul style="list-style-type: none"> • Child Development • Home Management /Family Resource Management • Textile and Clothing 		Master degree in Home Science /Home Management/Family Resource Management.
17.	Environmental Science	<ul style="list-style-type: none"> • Environmental Science 	<ul style="list-style-type: none"> • Soil Physics • Chemistry • Meteorology • Environmental Engineering 	M.Sc. in Forestry/Agro-forestry/ Environmental Science
18.	Forestry	<ul style="list-style-type: none"> • Forestry 	<ul style="list-style-type: none"> • Agro-forestry • Silviculture • Tree Genetic Resource Forest Production 	M.Sc. in Forestry/Agro-forestry
19.	Food Science and Technology	<ul style="list-style-type: none"> • Food & Nutrition • Food Science and Technology 		M.Sc in Home Science in Food & Nutrition/Food Science and Nutrition/M.Tech in Food Nutrition / Agriculture Process and Food Engineering / Food Engg. / Food Process Engg.

20.	Economics and Agri. Business Management	<ul style="list-style-type: none"> • Agri. Economics 	<ul style="list-style-type: none"> • Dairy Eco. • Livestock Economics • Fish Economics • Agri. Business Management • Fish Business Management • Agri. Marketing 	M.Sc. (Ag.) in Agril. Economics/Dairy Economics/Fisheries Economics/Veterinary Economics/Agril. Marketing & Cooperation/Agril. Economics and Agri. Business Management/Fisheries Business Management/MA Economics/Livestock Economics
21.	Agri. Tech. Transfer	<ul style="list-style-type: none"> • Agri. Extn. • Home Sc. Extn. • Vety. Extn. Edu 	<ul style="list-style-type: none"> • Dairy Extn. Communication Technology 	Master's degree in Agril. Extension/Extn. Education/Agri. Extn. & Communication/Agri. Communication/Home Science Extn./Vety. or Animal Husbandry Extension/Dairy Extension/Fisheries Extension
22.	Aquaculture	<ul style="list-style-type: none"> • Aquaculture 	<ul style="list-style-type: none"> • Fish Nutrition • Fish Pathology • Fish Microbiology 	M.F.Sc. in Aquaculture/Mariculture/Pathology and Microbiology /Nutrition /Genetics / M.Phil/Ph.D in Fisheries Science/Aquaculture/Marine Biology/Aquaculture Biology/Aquaculture Engg./Microbiology/Fisheries Environment and Ecology/Biotechnology.
23.	Fisheries Science	<ul style="list-style-type: none"> • Fish & Fishery Science 	<ul style="list-style-type: none"> • Fisheries Resource Management 	M.F. Sc. or M.Phil/Ph.D. in Fishery Science/Zoology/Marine Biology/Aquatic Biology with

				specialization in Fisheries or related aspects/Fishery Resource Management
24.	Fish Harvest and Post Harvest Technology	<ul style="list-style-type: none"> • Aquaculture Engineering • Fish Processing Technology 	<ul style="list-style-type: none"> • Crafts and Gear Engineering 	M.F. Sc./M.Tech. in Fishery Science/Post Harvest Tech. of Fish/Industrial Fisheries/Food Technology/Chemistry /Biochemistry or M.Phil/Ph.D in Fish Processing Tech. or Food Tech./Chemistry/Bio chemistry with specialization in Fisheries aspects.
25.	Statistics and Computer Application	<ul style="list-style-type: none"> • Agril. Statistics • Computer Application in Agril. 		Master's degree in Agril. Statistics/ Statistics Computer Application/Computer Science Bioinformatics/Information Technology/Information Science with Science at graduate level of M.Tech. in Computer Science
26.	Animal Biotechnology	<ul style="list-style-type: none"> • Biotech. (Animal Sciences) • Biochemistry (Animal Sciences) 	<ul style="list-style-type: none"> • Fish Biotech 	Master's degree in Bio-technology / Life Science with specialization in Veterinary/ Animal Biotechnology or Fishery Biotechnology or Master's degree in Veterinary Sciences in Biochemistry / Dairy Sciences with specialisation in Animal Biochemistry or Fish Biochemistry
27.	Veterinary Microbiology	<ul style="list-style-type: none"> • Veterinary Microbiology • Veterinary Public Health 	<ul style="list-style-type: none"> • Veterinary Virology • Bacteriology Immunology 	Master's degree in Veterinary Science specialization in Bacteriology/Virology or Immunology or Veterinary Public Health and Epidemiology

28.	Veterinary Pathology and Parasitology	<ul style="list-style-type: none"> • Vety. Parasitology • Vety. Pathology 		Master's degree in Veterinary Science with specialization in Vety. Pathology/Avian diseases/ Parasitology
29.	Dairy Chemistry and Microbiology	<ul style="list-style-type: none"> • Dairy Chemistry • Dairy Microbiology 		Master's degree in Dairy Chemistry /Vety. Science with specialization in Dairy Chemistry or Chemistry/Biochemistry or M.Sc. in Food Science with specialization in Dairy Microbiology or Microbiology/ Dairy Microbiology/ Dairy Technology /Biochemical Engg.
30.	Dairy Engineering & technology	<ul style="list-style-type: none"> • Dairy Processing • Dairy Engineering 	<ul style="list-style-type: none"> • Dairy Science • Dairy Technology 	Master's degree in Dairy Tech./animal Produce Tech., with specialization in Dairy Tech. Master's degree in Dairy Engg./Dairy and Food Engg. / Food Engg.
31.	Animal Genetics and Breeding	<ul style="list-style-type: none"> • Animal Genetics & Breeding 		Master's degree in Animal/Fish Genetics and Breeding
32.	Animal Physiology and Nutrition	<ul style="list-style-type: none"> • Animal Nutrition • Animal Physiology 		M.V. Sc. in Animal Nutrition / Animal Physiology M.Sc. in Animal Nutrition / Physiology
33.	Animal Reproduction	<ul style="list-style-type: none"> • Animal Reproduction 	<ul style="list-style-type: none"> • Obstetrics 	M.V. Sc. in Animal Reproduction / Gynaecology Obstetrics.

		and Gynaecology		
34.	Livestock Production and Management	<ul style="list-style-type: none"> • LPM 		M.V. Sc. in Livestock Production and Management M.Sc. in Animal Sciences with specialisation in Livestock Production and Management.
35.	Vety. Pharmacology and Medicine	<ul style="list-style-type: none"> • Vety. Pharmacology • Vety. Medicine 	<ul style="list-style-type: none"> • Clinical Medicine • Preventive Medicine • Toxicology 	M.V.Sc. in Vety. Pharmacology and Toxicology/Vety. Medicine, Ethics and Jurisprudence / Vety. Preventive Medicine and Epidemiology
36.	Vety. Anatomy and Surgery	<ul style="list-style-type: none"> • Vety. Anatomy • Vety. Surgery 		Master's degree in Vety. Surgery and Radiology / Anatomy
37.	Poultry Science & Technology	<ul style="list-style-type: none"> • Poultry Science 	<ul style="list-style-type: none"> • Poultry Production Technology • Avian 	Master's degree in Poultry Science / Poultry Production
38.	Animal Product Technology	<ul style="list-style-type: none"> • LPT 	<ul style="list-style-type: none"> • Meat Technology • Wool Technology • Fiber Technology 	Master degree in Vety. Science / Animal Science with specialisation in Livestock Products Technology/Food Processing Technology