



IBPS SO AFO SYLLABUS

Adda247



ENGLISH LANGUAGE



- | | |
|--|--|
| 01 Reading Comprehension — Factual, Vocabulary, Inference, Tone & Conclusion-Based Questions | 02 Connectors / Starters |
| 03 Cloze Test — Basic, Contextual and New-Pattern | 04 Misspelt Words / Spelling-Based Questions |
| 05 Error Detection / Sentence Based Error | 06 Word Usage and Contextual Meaning |
| 07 Multiple / Double Error Detection | 08 Vocabulary — Synonyms, Antonyms and Contextual Vocabulary |
| 09 Fill in the Blanks / Fillers — Single & Multiple and Contextual | 10 Idioms & Phrases — Meaning and Usage |
| 11 Para Jumbles / Sentence Rearrangement | 12 Phrasal Verbs — Meaning and Usage |
| 13 Paragraph Completion/ Sentence Completion | 14 Odd Sentence / Sentence Selection |
| 15 Match the Following | 16 Conclusion & Inference-Based Verbal Questions |
| 17 Phrase Replacement / Sentence Improvement | 18 Miscellaneous — Grammar and Vocabulary |
| 19 Word Swap / Word Rearrangement | |



REASONING ABILITY



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|---|--|
| 01 Inequality — Direct, Indirect, Coded Inequality, Reverse Inequality | 02 Coding-Decoding — Simple / Chinese Coding, Conditional / Mathematical Coding, Resultant Coding |
| 03 Syllogism — 2/3 Statement and Conclusion Based, Coded Syllogism, Reverse Syllogism, Option-wise Conclusion | 04 Series — Alphanumeric / Alphabet / Number Based, Step Based Series |
| 05 Blood Relation — Generation Based, Coded Blood Relation | 06 Ranking / Order & Comparison Based |
| 07 Direction and Distance — Paragraph Based, Coded Direction | 08 Machine Input-Output — Coded, Multi-step Alphabet / Number Based |
| 09 Puzzles — Floor & Flat Based, Box / Stack Based Puzzles | 10 Data Sufficiency — 2/3 Statement, Logical Sufficiency |
| 11 Day / Month / Year / Date-Month Based, Designation / Ranking Based | 12 Pair Formation, Meaningful Word, Odd One Out, Digit Operation, Miscellaneous Reasoning |
| 13 Sequence Based, Selection / Grouping Based & Miscellaneous Puzzles | 14 Logical Reasoning — Inference, Assumption, Conclusion, Cause & Effect, Argument, Course of Action, Statement Analysis |
| 15 Seating Arrangement — Linear, Parallel / Double Row, Uncertain Linear, Circular, Square, Polygon Shape Based | |
| 17 Comparison Based, Sequence Based, Selection / Grouping & Miscellaneous Puzzles | |





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QUANTITATIVE APTITUDE

01	Simplification & Approximation	10	Percentage, Ratio & Proportion, Average
02	Missing / Wrong / Conditional Number Series	11	Profit & Loss, Discount
03	Inequalities	12	Simple Interest & Compound Interest
04	Quadratic Equations	13	Time & Work, Pipes & Cisterns
05	Data Interpretation — Tabular DI, Bar Graph, Line Graph, Pie Chart, Radar	14	Speed, Time & Distance, Trains, Boats & Streams
06	Variable-Based Pie DI; Double Pie DI; Mixed / Advanced Charts	15	Mixture & Allegation, Partnership
07	Caselet DI; Venn / Arithmetic / Combination-Based DI	16	Age-Based Problems
08	Data Sufficiency	17	Number System
09	Quantity Comparison (Q1–Q2 Type Questions)	18	LCM & HCF
		19	Mensuration
		20	Probability
		21	Permutation & Combination
		22	Algebra-Based Problems
		23	Mixed and Advanced Arithmetic Word Problems



PROFESSIONAL KNOWLEDGE AGRONOMY



01	Crop Classification & Cropping Systems — Classification of Crops, Cropping Patterns, Multiple Cropping, Crop Rotation	07	Tillage & Tillth — Types of Tillage, Objectives, Conservation Tillage, Zero Tillage
02	Seeds & Sowing — Seed Rate, Seed Treatment, Methods of Sowing, Planting Geometry	08	Irrigation & Water Management — Methods of Irrigation, Critical Stages, Scheduling, Water Use Efficiency
03	Weed Management — Classification of Weeds, Weed Control Methods, Herbicides, Integrated Weed Management	09	Cropping System — Intercropping, Mixed Cropping, Multistorey Cropping, Sequence Cropping
04	Dryland & Rainfed Agriculture — Drought, Moisture Conservation, Dry Farming, Watershed Management	10	Sustainable & Conservation Agriculture — Resource Conservation, Climate-Smart Agriculture
		11	Plant Growth Regulators — Auxins, Gibberellins, Cytokinins, Ethylene, ABA
		12	Harvesting & Post-Harvest Management — Maturity, Harvesting, Threshing, Storage



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SOIL SCIENCE

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|---|--|
| 01 Soil Formation & Profile — Factors of Soil Formation, Soil Horizons, Parent Material | 07 Soil Physical Properties — Texture, Structure, Bulk Density, Porosity, Water Holding Capacity |
| 02 Soil Chemical Properties — Soil pH, EC, CEC, Buffering Capacity, Organic Matter | 08 Soil Classification — Soil Orders, Major Indian Soils & Their Characteristics |
| 03 Soil Water — Forms of Soil Water, Soil Moisture Constants, Infiltration, Percolation | 09 Soil Air & Temperature — Composition, Aeration, Factors Affecting Soil Temperature |
| 04 Essential Plant Nutrients — Macronutrients, Micronutrients, Functions & Deficiency Symptoms | 10 Fertilizers — Straight, Complex & Compound Fertilizers, Fertilizer Calculations |
| 05 Problematic Soils — Saline, Sodic & Acid Soils, Reclamation & Management | 11 Soil Fertility & Productivity — Nutrient Cycling, Soil Testing, Integrated Nutrient Management |
| 06 Organic Manures — FYM, Compost, Vermicompost, Green Manuring | 12 Biofertilizers — Rhizobium, Azotobacter, Azospirillum, PSB, Mycorrhiza |



HORTICULTURE

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|--|--|
| 01 Fruit Science — Major Fruit Crops, Production Practices, Training & Pruning | 07 Vegetable Science — Major Vegetables, Production Practices, Nursery Management |
| 02 Floriculture — Commercial Flowers, Protected Cultivation, Production & Marketing | 08 Plantation & Spice Crops — Coconut, Arecanut, Tea, Coffee, Spices |
| 03 Propagation — Sexual & Asexual Propagation, Cutting, Layering, Grafting, Budding | 09 Nursery Management — Seedling Production, Potting Media, Hardening |
| 04 Protected Cultivation — Greenhouse, Polyhouse, Shade Net, Hydroponics | 10 Plant Growth Regulators — Role in Flowering, Fruiting, Rooting & Ripening |
| 05 Training & Pruning — Types, Objectives & Principles | 11 Post-Harvest Management — Maturity, Ripening, Grading, Packaging & Storage |
| 06 Orchard Management — Establishment, Layout, Planting Systems, Canopy Management | 12 High-Density Planting & Modern Horticulture — HDP, Precision Horticulture |



ENTOMOLOGY

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|--|
| 01 Insect Morphology — Body Regions, Mouthparts, Antennae, Legs & Wings |
| 02 Insect Classification — Major Orders & Important Families |
| 03 Major Crop Pests — Cereals, Pulses, Oilseeds, Cotton, Sugarcane, Fruits & Vegetables |
| 04 Insect Pest Management — Cultural, Mechanical, Biological & Chemical Control |
| 05 Biological Control — Predators, Parasitoids, Entomopathogens |
| 06 Economic Entomology — Economic Injury Level, ETL & Damage Assessment |
| 07 Insect Anatomy & Physiology — Digestive, Respiratory, Circulatory & Reproductive Systems |
| 08 Insect Life Cycle — Metamorphosis, Growth & Development |
| 09 Stored Grain Pests — Major Insects, Damage & Management |
| 10 Integrated Pest Management — IPM Principles, Components & Strategies |
| 11 Insecticides — Classification, Formulations, Mode of Action & Safe Use |
| 12 Beneficial Insects — Honey Bees, Silkworms & Lac Insects |



PATHOLOGY

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|---|
| 01 Plant Diseases — Causes, Symptoms & Disease Cycles |
| 02 Disease Development — Infection, Incubation, Colonization & Dissemination |
| 03 Fungal Diseases — Important Genera, Symptoms & Management |
| 04 Seed-Borne Diseases — Transmission, Detection & Management |
| 05 Fungicides — Classification, Formulations & Mode of Action |
| 06 Plant Pathogens — Fungi, Bacteria, Viruses, Viroids, Phytoplasma & Nematodes |
| 07 Major Crop Diseases — Cereals, Pulses, Oilseeds, Cotton, Sugarcane, Fruits & Vegetables |
| 08 Bacterial & Viral Diseases — Major Diseases & Their Management |
| 09 Disease Management — Cultural, Biological, Chemical & Integrated Disease Management |
| 10 Plant Quarantine — Objectives, Importance & Phytosanitary Measures |

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AGRICULTURAL ENGINEERING



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|---|--|
| 01 Farm Machinery & Implements — Primary & Secondary Tillage Implements | 06 Farm Power — Human, Animal, Mechanical, Electrical & Renewable Power |
| 02 Tractor — Types, Components, Operation & Maintenance | 07 Farm Mechanization — Scope, Advantages & Limitations |
| 03 Irrigation Engineering — Surface, Sprinkler & Drip Irrigation | 08 Water Management — Pumps, Wells, Water Lifting Devices & Drainage |
| 04 Agricultural Processing — Threshing, Milling, Grading, Cleaning & Storage | 09 Farm Structures — Storage Structures, Silos, Greenhouses & Poultry Structures |
| 05 Renewable Energy — Solar, Biogas, Wind & Biomass Energy | 10 Soil & Water Conservation — Erosion, Contour Farming, Terracing & Watershed Management |



GENETICS



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| 01 Basic Genetics — Gene, Allele, Chromosome, Genotype & Phenotype | 06 Mendelian Genetics — Laws of Dominance, Segregation & Independent Assortment |
| 02 Genetic Crosses — Monohybrid, Dihybrid & Test Cross | 07 Gene Interaction — Epistasis, Complementary, Supplementary & Duplicate Genes |
| 03 Linkage & Crossing Over — Types, Recombination & Genetic Mapping | 08 Mutation — Types, Causes & Significance |
| 04 Cytoplasmic Inheritance — Maternal & Extra-Nuclear Inheritance | 09 Polyploidy — Types, Induction & Agricultural Importance |
| 05 Quantitative Genetics — Heritability, Variance, Genetic Advance | 10 Plant Breeding — Selection, Hybridization, Heterosis & Inbreeding |



EXTENSION EDUCATION



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|---|---|
| 01 Extension Education — Meaning, Scope, Objectives & Principles | 06 Communication — Elements, Types, Models, Barriers & Feedback |
| 02 Teaching Methods — Individual, Group & Mass Contact Methods | 07 Extension Programme Planning — Programme Development, Implementation & Evaluation |
| 03 Rural Development — Rural Society, Community Development & Rural Institutions | 08 Diffusion & Adoption — Innovation, Adoption Process, Adopter Categories |
| 04 Leadership — Types, Characteristics & Functions | 09 Motivation & Group Dynamics — Group Formation, Participation & Behaviour |
| 05 Participatory Approaches — PRA, PLA & Farmer Participation | 10 ICT in Extension — Digital Agriculture, Mobile Advisory & E-Extension |



CURRENT AFFAIRS + SCHEMES



- | | |
|--|---|
| 01 Agriculture & Rural Development Current Affairs | 07 Government Schemes Related to Agriculture & Farmers |
| 02 Ministry of Agriculture & Farmers Welfare — Important Initiatives | 08 PM-KISAN, PMFBY & PM-KUSUM |
| 03 Agriculture Credit & Financial Inclusion — KCC, NABARD & Rural Banking | 09 Soil Health Card, e-NAM & Agriculture Infrastructure Fund |
| 04 Irrigation & Water Management Schemes | 10 FPOs, Agricultural Marketing & Farmer Welfare Initiatives |
| 05 Government Reports, Surveys & Agriculture Statistics | 11 Important Agricultural Institutions, Indices, Awards & Appointments |
| 06 MSP, Agricultural Prices & Procurement | 12 Recent Agriculture Policies, Missions & Developments |



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SEED TECHNOLOGY	
01	Seed Classification — Nucleus, Breeder, Foundation & Certified Seed
02	Seed Production — Principles & Production of Quality Seed
03	Seed Processing — Cleaning, Grading, Treatment & Packaging
04	Seed Dormancy — Causes, Types & Methods of Breaking Dormancy
05	Seed Treatment — Chemical, Biological & Physical Treatment
06	Seed Quality — Purity, Germination, Viability, Vigour & Moisture
07	Seed Certification — Classes, Standards & Certification Process
08	Seed Testing — Germination, Purity, Viability & Vigour Tests
09	Seed Storage — Storage Conditions, Longevity & Seed Deterioration
10	Seed Act & Regulations — Seed Act, Seed Rules & Certification Standards

SERICULTURE + APICULTURE + LAC CULTURE	
01	Sericulture — Types of Silkworms & Silk
02	Silkworm Rearing — Life Cycle, Rearing Practices & Diseases
03	Apiculture — Honey Bees, Species & Colony Organization
04	Beekeeping — Hive Management, Apiary Establishment & Equipment
05	Bee Diseases & Pests — Identification & Management
06	Lac Culture (Lac Farming) — Scientific Rearing of Lac Insects for Resin Production & Shellac Processing
07	Major Host Plants — Important Host Plants for Lac Insect Rearing
08	Pruning — Cutting Old Branches of Host Trees to Encourage Tender New Shoots
09	Harvesting — Scraping Encrusted Lac from Branches; Mature & Immature Lac
10	Lac Production in India — Major Production Centres, Including Jharkhand & Chhattisgarh
11	Mulberry Cultivation — Varieties, Production & Management
12	Silk Processing — Cocoon Harvesting, Reeling & Silk Production
13	Bee Biology — Queen, Worker & Drone
14	Bee Products — Honey, Beeswax, Royal Jelly, Propolis & Bee Venom
15	Pollination — Role of Honey Bees in Crop Pollination
16	Economic Importance of Lac — Electrical Insulation, Adhesives, Sealing Wax & Ornamental Woodwork

FISHERIES	
01	Fisheries Science — Inland, Marine & Capture Fisheries
02	Fish Biology — Morphology, Anatomy & Physiology
03	Composite Fish Culture — Species Combination & Management
04	Fish Seed Production — Hatchery, Nursery & Fingerling Production
05	Water Quality — pH, DO, Temperature, Ammonia & Other Parameters
06	Aquaculture — Principles, Types & Production Systems
07	Fish Breeding — Natural & Induced Breeding
08	Fish Nutrition — Feed, Feeding & Nutritional Requirements
09	Fish Diseases — Major Diseases & Management
10	Fisheries Management — Sustainable Fisheries & Conservation
11	Shrimp Culture — Principles, Culture Practices & Management
12	Site Selection & Pond Design — Selection Criteria, Pond Layout & Design
13	Water Quality Management — Monitoring & Maintenance of Key Water Quality Parameters
14	Seed Selection & Stocking — Quality Seed Selection, Stocking Density & Practices
15	Feeding & Nutrition — Feed Requirements, Feeding Practices & Nutritional Management
16	Disease Management — Identification, Prevention & Control of Major Diseases

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FORESTRY

- | | |
|---|--|
| 01 Forest Types of India — Classification & Distribution | 06 Silviculture — Principles, Systems & Regeneration |
| 02 Forest Ecology — Ecosystem, Succession, Biodiversity & Conservation | 07 Agroforestry — Types, Systems & Benefits |
| 03 Forest Management — Working Plans, Yield & Sustainable Management | 08 Social Forestry — Farm Forestry, Community Forestry & Extension Forestry |
| 04 Forest Products — Timber, Fuelwood, Bamboo, Fibres & NTFPs | 09 Forest Conservation — Afforestation, Reforestation & Protected Areas |
| 05 Forest Nursery — Seed Collection, Propagation & Planting | 10 Environmental Forestry — Climate Change, Carbon Sequestration & Ecosystem Services |



PLANT PHYSIOLOGY

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|---|---|
| 01 Plant Cell & Cellular Processes — Cell Structure, Membranes & Transport | 06 Water Relations — Absorption, Transpiration, Osmosis & Water Potential |
| 02 Photosynthesis — Light Reaction, Dark Reaction & Factors Affecting Photosynthesis | 07 Respiration — Glycolysis, TCA Cycle, ETS & Factors |
| 03 Mineral Nutrition — Essential Elements, Absorption & Translocation | 08 Plant Growth & Development — Growth Phases, Growth Analysis & Development |
| 04 Plant Hormones — Auxins, Gibberellins, Cytokinins, ABA & Ethylene | 09 Photoperiodism & Vernalization |
| 05 Translocation — Phloem Transport & Source-Sink Relationship | 10 Stress Physiology — Drought, Salinity, Temperature & Oxidative Stress |



AGRICULTURAL ECONOMICS

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|--|--|
| 01 Basic Economics — Demand, Supply, Utility & Elasticity | 07 Agricultural Production Economics — Production Function, Cost & Returns |
| 02 Farm Management — Farm Planning, Budgeting & Decision Making | 08 Agricultural Marketing — Market Structure, Marketing Channels & Price Spread |
| 03 Agricultural Finance — Sources of Credit, Farm Credit & KCC | 09 Rural Credit Institutions — NABARD, RRBs, Cooperative Banks |
| 04 Price Policy — MSP, Procurement & Buffer Stock | 10 International Trade — WTO, Agreement on Agriculture & Export-Import |
| 05 Agricultural Insurance — Crop Insurance & Risk Management | 11 Rural Economy — Rural Employment, Poverty & Development |
| 06 Food Security — PDS, Buffer Stocks & Nutrition Security | 12 Current Economic Issues Related to Agriculture |



ANIMAL HUSBANDRY

- | | |
|---|--|
| 01 Livestock Breeds — Cattle, Buffalo, Sheep, Goat, Pig & Poultry | 06 Animal Nutrition — Feed, Fodder, Nutrients & Balanced Ratio |
| 02 Dairy Farming — Milk Production, Clean Milk Production & Management | 07 Poultry Farming — Breeds, Housing, Feeding & Management |
| 03 Breeding & Reproduction — Selection, Crossbreeding, Artificial Insemination | 08 Animal Housing — Housing Systems, Ventilation, Sanitation & Management |
| 04 Livestock Diseases — Major Diseases, Symptoms, Prevention & Control | 09 Veterinary Public Health — Zoonotic Diseases & Food Safety |
| 05 Dairy Technology — Milk Composition, Processing & Preservation | 10 Animal Welfare & Management — Care, Hygiene, Biosecurity & Farm Management |

AGRICULTURE MAHAPACK

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IBPS SO AFO

CUT-OFF

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2023 - 2025

IBPS SO AFO Cut-Off — 2025

1 Prelims Cut-Off 2025 — Out of 125

Category	SC	ST	OBC	EWS	General/UR	HI	OC	VI	ID
AFO 2025	50.13	45.63	50.13	50.13	50.13	25.88	37.75	39.63	23.88

2 Mains Cut-Off 2025 — Out of 60

Category	SC	ST	OBC	EWS	General/UR	HI	OC	VI	ID
AFO 2025	30.25	28.25	33.50	33.50	33.50	22.75	30.75	26.00	22.50

3 Final Cut-Off 2025 — Out of 100

Category	SC	ST	OBC	EWS	General/UR	HI	OC	VI	ID
AFO 2025	60.80	59.00	68.93	67.20	69.87	45.07	59.20	N A	-

IBPS SO AFO Cut-Off — 2024

1 Prelims Cut-Off 2024 — Out of 125

Category	SC	ST	OBC	EWS	General/UR	HI	OC	VI	ID
AFO 2024	51.00	46.00	51.00	51.00	51.00	29.38	49.88	41.33	15.88

2 Mains Cut-Off 2024 — Out of 60

Category	SC	ST	OBC	EWS	General/UR	HI	OC	VI	ID
AFO 2024	12.50	12.50	17.00	17.00	17.00	12.50	17.50	13.25	13.25

3 Final Cut-Off 2024 — Out of 100

Category	SC	ST	OBC	EWS	General/UR	HI	OC	VI	ID
AFO 2024	47.60	45.67	58.67	57.40	62.27	41.40	45.87	40.67	43.33

IBPS SO AFO Cut-Off — 2023

1 Prelims Cut-Off 2023 — Out of 125

Category	SC	ST	OBC	EWS	General/UR	HI	OC	VI	ID
AFO 2023	36.88	34.13	36.88	36.88	36.88	20.13	33.88	31.75	22.38

2 Mains Cut-Off 2023 — Out of 60

Category	SC	ST	OBC	EWS	General/UR	HI	OC	VI	ID
AFO 2023	27.75	23.25	29.00	29.00	29.00	25.00	25.25	23.50	17.75

3 Final Cut-Off 2023 — Out of 100

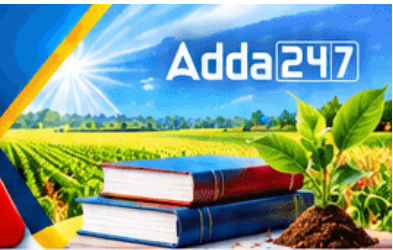
Category	SC	ST	OBC	EWS	General/UR	HI	OC	VI	ID
AFO 2023	56.38	54.17	58.88	56.88	56.88	20.13	33.88	31.75	22.38



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EXAM PATTERN

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PRELIMINARY EXAMINATION

For the Post of IT Officer, Agriculture Field Officer, HR/Personnel Officer and Marketing Officer

Sr. No.	Name of Tests	No. of Questions	Maximum Marks	Medium of Exam	Duration
1	English Language	25	25	English	20 minutes
2	Reasoning	25	25	English and Hindi	20 minutes
3	Quantitative Aptitude	25	25	English and Hindi	20 minutes
4	Professional Knowledge	25	50	English and Hindi	20 minutes
Total		100	125		80 minutes



MAIN EXAMINATION

For the Post of IT Officer, Agriculture Field Officer, HR/Personnel Officer and Marketing Officer

Sr. No.	Name of Tests	No. of Questions	Maximum Marks	Medium of Exam	Duration
1	English Language	30	30	English	25 minutes
2	Reasoning	40	40	English and Hindi	35 minutes
3	Quantitative Aptitude	30	30	English and Hindi	25 minutes
4	Professional Knowledge (Objective)	50	100	English and Hindi	40 minutes
Total		150	200		125 minutes
5	Descriptive Paper (English)	2	25	English	30 minutes
Total			225		155 minutes