



Sarat Chandra IAS Academy

APPSC Group 1 Mains Test Series & Guidance Program

		<p>malaria, viral infections like HIV, Encephalitis, Chikungunya, bird flu- preventive measures during out breaks. Introduction to Genetic Engineering and Biotechnology. Basic concepts of genetic engineering. Tissue culture methods and applications. Biotechnology in agriculture- Bio-pesticides, Bio-fertilizers, Bio-fuels, Genetically modified crops. Animal husbandry- transgenic animals. Vaccines: Introduction to immunity, Fundamental concepts in vaccination, Production of Modern Vaccines (production of Hepatitis vaccine).</p> <p>4. Issues related to Intellectual Property Rights in the field of Science and Technology. Promotion of Science in AP and India.</p>
Test 11 (8 th September-2020)	Paper-I - General Essay	Current Affairs
Test 12 (14 th September-2020)	Paper 2 – History, Culture and Geography of India and Andhra Pradesh	<p><u>Geography: India and Andhra Pradesh</u></p> <ol style="list-style-type: none">1. Physical Features and Resources: India and Andhra Pradesh, Major land forms, Climatic changes, Soil types, Rivers, Water, Streams, Geology, Rocks, Mineral Resources, Metals, Clays, Construction Materials, Reservoirs, Dams –Forests, Mountains, Hills, Flora and fauna, Plateau Forests, Hill Forests, Vegetation Classification.2. Economic Geography : Agriculture, Live stocks, Forestry, Fishery, Quarrying, Mining, House hold Manufacturing, Industries — Agro, Mineral, Forest, Fuel and man power, Trade and Commerce, Communication, Road Transport, Storage and others.3. Social Geography: Population Movements and Distribution, Human Habitations, Density, Age, Sex, Rural, Urban, Race, Caste, Tribe, Religion, Linguistic, Urban Migration, Education Characteristics.4. Fauna and Floral Geography: Wild Animals, Animals, Birds, Reptiles, Mammals, Trees and Plants and others. <p>Environmental Geography: Sustainable Development, Globalization,</p>

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		Temperature, Humidity, Cloudiness, Winds, Special Weather Phenomena, Natural Hazards — Earth Quakes, Land Slides, Floods, Cyclones, Cloud Burst, Disaster Management, Impact Assessment, Environmental Pollution, Pollution Management.
Test 13 (20 th September-2020)	Paper 3 – Polity, Constitution, Governance, Law and Ethics	<p><u>Ethics in Public Service and knowledge of law</u></p> <ol style="list-style-type: none">1. Ethics and Human Interface: Essence, determinants and Consequences of Ethics in Human actions: dimensions of Ethics: Ethics in Private and Public relationships, Ethics-integrity and Accountability in Public Service.2. Human values: Understanding the Harmony in existence Human relationships in the society and in the Nature. Gender Equability in the relationships Role of family, society and Educational Institutions in imparting values to citizens, lessons from the lives and teachings of great leaders, reformers and administrations.3. Attitude: Content, Functions, its influence and relation with thought and behaviour, Moral and Political attitudes, role of Social influence and persuasion. Emotional intelligence- Concepts and their utilities and application in Administration and Governance.4. Concept of Public Service, "Philosophical basis of Governance professional Ethics in the light of right understanding and Vision for Holistic Technologies, Codes of Ethics, codes of Conduct, RTI, Public Service Act, Leadership Ethics, Work culture, Ethical principles with in an Organizational content. - Ethical and moral values in governance, Ethical issues in international relations, corruption, Lokpal, Lokayukta5. Basic Knowledge of Laws in India Constitution of India: Nature and salient features – Fundamental Rights and Directive Principles of State Policy – Bifurcation of powers between centre and state (state list, union list and concurrent list) – Powers of judiciary, executive and legislature.

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		<p>Civil and Criminal laws: hierarchy of civil and criminal courts in India - difference between substantial and procedural laws – order and decree - new developments in criminal laws, Nirbhaya Act.</p> <p>Labour Law: Concept of social welfare legislations in India, changing trends in employment and necessity for new labour laws.</p> <p>Cyber Laws: Information Technology Act – Cyber Security and Cyber Crime – difficulties in determining competent jurisdiction of courts in case of cyber-crimes.</p> <p>Tax Laws: Laws relating to income, Profits, Wealth Tax, Corporate Tax - GST</p>	
		For those who are writing UPSC Prelims	For those who are not writing UPSC Prelims
Test 14	Full Test on Paper-1 (Essay)	On 7 th October-2020	On 25 th September-2020
Test 15	Full Test on Paper-2	On 15 th October-2020	On 30 th September-2020
Test 16	Full Test on Paper-3	On 19 th October-2020	On 5 th October-2020
Test 17	Full Test on Paper-4	On 23 rd October-2020	On 10 th October-2020
Test 18	Full Test on Paper-5	On 5 th October-2020	On 15 th October-2020
Test 19	English - Qualifying paper	On 25 th October-2020	On 18 th October-2020
Test 20	Telugu - Qualifying paper	On 27 th October-2020	On 20 th October-2020

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