UPPSC Assistant Architect Planner, Sports Officer & Programmer Grade-2 Recruitment 2026 Exam Syllabus

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Appendix - 2

सहायक वास्तुविद् नियोजक परीक्षा

परीक्षा–योजना

प्रश्नपत्र–एक –	**वस्तुनिष्ठ प्रकारक।**
प्रश्नपत्र का नाम –	सामान्य अध्ययन तथा सामान्य हिन्दी।
प्रश्नपत्र हेतु कुल निर्धारित अंक–	200 (दो सौ)
प्रश्नों की कुल संख्या–	100 (सामान्य अध्ययन के 75 प्रश्न तथा सामान्य हिन्दी के 25 प्रश्न)।
प्रत्येक प्रश्न हेतु निर्धारित अंक–	02 (दो)।
समयावधि–	02 (दो) घंटा।
प्रश्नपत्र–दो –	**परम्परागत अर्थात लिखित।**
प्रश्नपत्र का नाम –	वास्तुकला एवं नियोजन।
प्रश्नपत्र हेतु कुल निर्धारित अंक–	300 (तीन सौ)
समयावधि–	03 (तीन) घंटा।

ध्यातव्य है कि उक्त प्रश्नपत्र के अन्तर्गत कुल–15 (पन्द्रह) प्रश्न होगें तथा वे सभी अभ्यर्थियों के लिए अनिवार्य होंगे, इनका स्वरूप निम्नवत् होगा :–

खण्ड–(अ)– के अन्तर्गत प्रश्नपत्र में 05 प्रश्न अति लघु उत्तरीय {उत्तरों की शब्द सीमा 75 एवं प्रत्येक प्रश्न 10 (दस) अंक का होगा}।

खण्ड–(ब)– के अन्तर्गत प्रश्नपत्र में 05 प्रश्न लघु उत्तरीय {उत्तरों की शब्द सीमा 150 एवं प्रत्येक प्रश्न 20 (बीस) अंक का होगा}।

खण्ड–(स)– के अन्तर्गत प्रश्नपत्र में 05 प्रश्न दीर्घ उत्तरीय {उत्तरों की शब्द सीमा 225 एवं प्रत्येक प्रश्न 30 (तीस)

अंक का होगा}।

नोटः— उक्त दोनों प्रश्नपत्रों में प्राप्तांकों के योग के आधार पर अभ्यर्थियों की श्रेष्ठता सूची का निर्धारण होगा।

सहायक वास्तुविद् नियोजक परीक्षा हेतु पाठ्यक्रम

विषय : सामान्य हिन्दी	अंक–विभाजन
1. हिन्दी-वर्ण विचार : स्वर और व्यंजन	04
2. हिन्दी शब्द-निर्माण : सन्धि, समास, उपसर्ग, प्रत्यय	08
3. सर्वनाम, विशेषण	04
4. हिन्दी शब्द-समूह : तत्सम, तद्भव, देशज, विदेशी	08
5. शब्द–अर्थ–सम्बन्ध : पर्यायवाची शब्द, विलोम शब्द, वाक्यांश के लिए एक शब्द, अनेकार्थी शब्द, समश्रुत भिन्नार्थ शब्द (शब्द-युग्म)	10
6. वर्तनी एवं वाक्यगत अशुद्धियाँ एवं संशोधन	08
7. मुहावरे एवं लोकोक्तियाँ	08

Subject : General Studies

(1) History of India and Indian Freedom Movement: Understanding of Social, Cultural, Economic and Political aspects of Indian History. Indian Freedom Movement- its rise and attainment of independence. History of Indian art and architecture.

(2) Geography of India and World : Physical, Social and Economic Geography of India. Environment, Population and Urbanization with special reference to Uttar Pradesh. General Geography of World.

(3) Indian Polity and Governance: Indian Constitution, Indian Political System, Local Self-Governance, Constitutional and other important bodies, Democracy, Electoral Process, Parliamentary Committees, Right to Information. Polity with reference to Uttar Pradesh.

(4) Indian Economy and Social Development : Economic Planning, Sustainable Development, issues and policies related to Poverty and Unemployment. Urbanization, Migration and its impact on Urban Planning. Women Empowerment, Economic reforms and its policies, planning and policies for development of Uttar Pradesh.

(5) Current Events of National and International Importance: Current events of National and International importance along with Games and Sports.

(6) Indian Agriculture: General understanding of Indian Agriculture. Production technology of important agricultural crops. Agriculture produce and its marketing. Different revolutions in Agriculture. Organic and Natural farming. Pesticide residue in crops and its effects on human health.

(7) General Science, Computer & Technology: Basic concepts of Physics, Chemistry, Biology, Environmental Science, Computer, Information and Communication Technology and Cyber Security. Application, observation and general understanding of the above mentioned subjects in daily life and their important role in the development of India and Uttar Pradesh.

(8) Elementary Mathematics : Basic concepts of Algebra, Statistics, Geometry and Arithmetic.

(9) General Mental Ability : Verbal and Non Verbal Analogy and Series, Classification, Coding-Decoding, Alphabet and Number Test, Distance and Direction, Blood Relations, Paper Cutting and Folding, Venn Diagram, Mathematical Operations, Calendar, Time and Clock, Missing Characters, Ranking and Arrangements, Word Problems, Embedded Figures.

Subject: Architecture and Planning

1. Architecture and Design

Architectural graphics; Orthographic projections, Axonometric projections, Oblique projections, Perspective projections; Theory of design; Elements and principles of design; Anthropometrics, Space and building standards; Universal design, Universal design principles, Universal design India principles, Accessibility standards; Codes and standards, Building byelaws (U.P. state); Architecture design process; Design thinking; Site analysis and synthesis; Area programming and concept development.

2. Building Construction and Materials

Building construction techniques; Methods and details; Principles of Modular coordination; Construction planning and equipment; Building systems and prefabrication of building elements; Advance Building Construction Techniques; Building material characteristics and applications; Sustainable building materials; Alternative building materials.

3. Building Structures

Strength of materials; Behavior of structural elements; Foundations; Design of structural elements; Structural mechanics; Types of structural systems; Principles of pre-stressing and post tensioning; High rise and long span structures; Gravity and lateral load resisting systems; Earthquake resistant structures.

4. History and Contemporary Architecture

Indian architecture: Ancient, Medieval, Colonial and Contemporary;
World history of architecture: Egyptian, Greco-Roman Classical period, Byzantine, Gothic, Renaissance, Baroque, Art nouveau, Art Deco, Eclecticism, International styles, Post Modernism, Deconstruction in architecture; Oriental architecture; Works of renowned national and international architects.

5. Urban Design

Historical and modern examples of urban design; Elements of urban built environment; Concepts and theories of urban design; Principles, tools and techniques of urban design; Urban design interventions for sustainable development and transportation; Development controls – FAR, Densities, building byelaws and regulations.

6. Landscape and Conservation

Landscape design and planning; Principles and theories of landscape design; Landscape elements and materials; Types of gardens; Design of soft and hard scapes; Plant materials, Trees, Shrubs, Green cover, indoor Plants; Organized and unorganized greens; Street furniture.
Definition and types of heritage; Principles and need of heritage conservation; Heritage materials and techniques, Historic Urban Landscape (HUL); Urban renewal and conservation.

7. Professional Practice and Project Management

Professional practice and ethics; Estimation and specification; tendering, Contracts; Arbitration; Design and layout of disaster mitigation; Temporary structures for rehabilitation; Project management techniques e.g. PERT, CPM.

8. Housing

Housing typologies; Concepts, Principles and examples of neighborhood; Residential densities; Real estate valuation; Housing Development norms, Regulations and legislations (U.P. State); Housing and development finance institutions like HUDCO, NHB, NBFCs, HFC; Informal Housing; Slum Upgradation, Clearance and rehabilitation; Housing demand and supply; Housing policy and schemes; Affordable and low-cost housing; Housing in disaster prone areas.

9. Building Services and Infrastructure

Water supply and distribution system; Water treatment; Water harvesting systems; Principles, Planning and design of storm water drainage system; Sewage system; Methods of solid waste management - collection, Transportation and disposal; Recycling and Reuse of solid waste.
Basic principles of electricity; Electricity demand calculation norms and standards; Illumination and lighting design.
Fire fighting Systems; Lightening conductors; Building safety and security systems; Vertical circulation systems, lifts, escalators; Building management system, Building automation and smart buildings.
HVAC and types of air-conditioning systems in buildings; Architectural Acoustics-fundamentals and design.
Hierarchy and design of roads, Intersections, Grade separators and parking; Para-transits and other modes of transportation; Pedestrian and non-motorized mobility.

10. Sustainable Architecture

Sustainable building strategies; Passive design strategies; Building performance Simulation and evaluation; Green buildings and norms (GRIHA, LEED, IGBC, ECO-NIWAS SAMHITA); Net zero buildings; Non-renewable energy systems.

11. Planning Theory

Theories and principles of urban planning; Concepts of cities - Eco-City, Smart City; Concepts and theories by trendsetting planners and designers; Ekistics; Urban sociology; Social, Economic, Cultural and environmental aspects; Master plans, City development plans, Zonal development plans.

12. Planning Tools and Techniques

Application of G.I.S and remote sensing techniques in urban and regional planning; Tools and techniques of surveys – Physical, Topographical, Land use and socio-economic surveys; Urban economics, Law of demand and supply of land and its use in planning; Transit oriented development (TOD); Local self-governance; Planning legislation and implementation–Land acquisition act; Public private partnership (PPP); Participatory planning.

13. Regional and Rural Planning

Hierarchy of settlements; Regional plans; SEZ, SRZ etc.; Rural settlement and infrastructure, Rural development programs in India; Rural socio-economic aspects; Rural governance, Panchayati raj institutions; Vernacular Architecture.

14. Transportation Planning

Process and principles of transportation planning and traffic engineering; Road capacity and travel demand forecasting; Traffic survey methods, Traffic flow analysis; Traffic analyses and design considerations; Traffic and transport management and control in urban areas; Mass transportation planning; Intelligent transportation Systems; Design and planning of transportation hubs; Hierarchy and design of roads, intersections, grade separators and parking; Para-transits and other modes of transportation; Pedestrian and non-motorized mobility.

15. Environmental Planning

Natural and man-made ecosystem; Ecological principles; Environmental considerations in planning and design; Environmental pollution- Types, Causes, Controls and abatement strategies; Sustainable Development Goals (SDGs) and strategies; Climate change and built environment; Climate responsive design.

Appendix-3

क्रीड़ाधिकारी परीक्षा

परीक्षा–योजना

प्रश्नपत्र–एक–	वस्तुनिष्ठ प्रकारक।
प्रश्नपत्र का नाम–	सामान्य ज्ञान तथा सामान्य हिन्दी।
प्रश्नपत्र हेतु कुल निर्धारित अंक–	150 (एक सौ पचास)
प्रश्नों की कुल संख्या–	75 (सामान्य ज्ञान के 50 प्रश्न तथा सामान्य हिन्दी के 25 प्रश्न)।
प्रत्येक प्रश्न हेतु निर्धारित अंक–	02 (दो)।
समयावधि–	01:30 (एक घंटा तीस मिनट)।
प्रश्नपत्र–दो	परम्परागत अर्थात लिखित ।
प्रश्नपत्र का नाम –	शारीरिक शिक्षा (खेल)।
प्रश्नपत्र हेतु कुल निर्धारित अंक–	200 (दो सौ)
समयावधि–	03 (तीन) घंटा।

ध्यातव्य है कि उक्त प्रश्नपत्र के अन्तर्गत कुल–15 (पन्द्रह) प्रश्न होंगे तथा वे सभी अभ्यर्थियों के लिए अनिवार्य होंगे, इनका स्वरूप निम्नवत् होगाः–

खण्ड (अ)– के अन्तर्गत प्रश्नपत्र में 05 प्रश्न अति लघु उत्तरीय [उत्तरों की शब्द सीमा 75 एवं प्रत्येक प्रश्न 05 (पांच) अंक का होगा]।

खण्ड (ब)– के अन्तर्गत प्रश्नपत्र में 05 प्रश्न लघु उत्तरीय [उत्तरों की शब्द सीमा 150 एवं प्रत्येक प्रश्न 10 (दस) अंक का होगा]।

खण्ड (स)– के अन्तर्गत प्रश्नपत्र में 05 प्रश्न दीर्घ उत्तरीय [उत्तरों की शब्द सीमा 250 एवं प्रत्येक प्रश्न 25 (पचीस) अंक का होगा]।

नोटः– उक्त दोनों प्रश्नपत्रों में प्राप्तांकों के योग के आधार पर अभ्यर्थियों की श्रेष्ठता सूची का निर्धारण होगा।

क्रीड़ाधिकारी परीक्षा हेतु पाठ्यक्रम

विषय : सामान्य हिन्दी	अंक–विभाजन
1. हिन्दी वर्ण–विचार : स्वर और व्यंजन	04
2. हिन्दी शब्द–निर्माणः सन्धि, समास, उपसर्ग, प्रत्यय	08
3. सर्वनाम, विशेषण, क्रिया	06
4. हिन्दी शब्द–समूह : तत्सम, तद्भव, देशज, विदेशी	08
5. शब्द–अर्थ सम्बन्धः पर्यायवाची शब्द, विलोम शब्द, वाक्यांश के लिए एक शब्द, अनेकार्थी शब्द, समश्रुत भिन्नार्थक शब्द (शब्द–युग्म)	10
6. वर्तनी एवं वाक्यगत अशुद्धियाँ एवं संशोधन	08
7. मुहावरे एवं लोकोक्तियाँ	06

Subject: General Knowledge

1. History and Culture of India, Nature of renaissance movement in India and dimensions of freedom struggle.
2. General understanding of world and Indian geography, Scientific and technological advancement in the geographical studies and their applications in human welfare.
3. Basic knowledge of Indian Political System and Indian Constitution.
4. Salient features of the Indian economy, major economic policies and social welfare schemes of India.
5. Basic concept of general science (Physics, Chemistry, Zoology, Botany and Environmental Science); Scientific and technological advancements in the field Of science and its applications in everyday life.
6. Basic concepts of computer science and information technology and their applications.
7. General understanding of Indian agriculture, crop production technology, organic and natural farming, agri-produce and marketing, agricultural revolutions.
8. Current affairs of national and international importance including games and sports.

Subject - Physical Education (Sports)

Unit 1: Exercise Physiology

1. Introduction to Exercise Physiology - Energy systems, ATP production.
2. Cardiorespiratory and Muscular Adaptations to Exercise.
3. Effect of Exercise on Different Body Systems - Acute vs chronic adaptations.
4. Recovery and Fatigue Management - Physiological basis and strategies.

Unit 2: Sports Psychology

1. Introduction to Sports Psychology -Definition, scope, and significance in coaching.
2. Motivation in Sports - Types, techniques for enhancing athlete performance.
3. Personality and Sports Performance - Role of personality traits in sports success.
4. Emotion: Fear, Anger, Anxiety, Aggression and stress Management

Unit 3: Sports Training

1. Principles of Sports Training - Specificity, overload, progression, reversibility.
2. Training Components - Speed, Strength, flexibility, endurance, coordinative Abilities Etc.
3. Planning and Periodization - Macro, meso and micro cycles.
4. Talent Identification: Principles and Steps

Unit 4: Sports Biomechanics

1. Basics of Biomechanics - Motion, force, levers, Newton's laws in sports.
2. Kinematics and Kinetics in human movement.
3. Biomechanical Analysis of Sports Skills - Technique improvement.
4. Application of Biomechanics in Injury Prevention.

Unit 5: Sports Nutrition and Yoga

1. Basics of Sports Nutrition Macronutrients, micronutrients, hydration.
2. Diet Planning for Athletes - Pre-event, during-event and post-event nutrition.
3. Balanced Diet
4. Application of Yogic Practices in Sports

Unit 6: Sports Medicine

1. Introduction to Sports Medicine - Scope and importance.
2. Common Sports Injuries - Sprains, strains, fractures and overuse injuries.
3. First Aid and Emergency Care in Sports.
4. Massage & Rehabilitation.

Unit 7: Organization and Administration in Sports

1. Principles of Sports Organization - Structures, policies and procedures.
2. Event Management in Sports - Planning, budgeting, execution.
3.Facilities and Equipment Management - Procurement, maintenance, safety.
4. Leadership and Communication in Sports Administration.

Unit 8: Test, Measurement and Evaluation

1. Role of Tests and Measurements and evaluation in sports.
2. Physical Fitness Tests
3. Skill and Performance Tests in specific sports.
4. Body Types

Unit 9: Application of Digital Learning and AI in Sports

1. Digital Tools for Coaching - Video analysis and e-learning platforms.
2. AI Applications in Sports Performance Enhancement
3. Data Management and Statistical Analysis for Sports Performance.
4. Computer Applications in Sports

Unit 10: Sports Bodies, Competitions, Awards and Rules and Regulations of Sports

1. National and International Sports Bodies.
2. Major National and International Sports competitions.
3. Sports Awards and Recognitions in India.
4. Rules and Regulations of Sports.

Appendix-4

प्रोग्रामर ग्रेड–2 पद हेतु परीक्षा योजना

1– परीक्षा में एक प्रश्न पत्र होगा, जो वस्तुनिष्ठ प्रकार का होगा तथा जिसकी अवधि दो घण्टे होगी।

2– प्रश्न पत्र में कुल 85 प्रश्न होंगे तथा पूर्णांक 170 होगा। प्रत्येक प्रश्न के लिए दो–दो अंक निर्धारित रहेगा।

अंक विभाजन

Topics	No. of Questions	Marks
(a) Computer Application	50	100
(b) Logical Ability	15	30
(c) Mathematics (Fundamental concepts)	10	20
(d) English Comprehension (Unseen Passage)	10	20
Total	**85**	**170**

SYLLABUS FOR PROGRAMMER GRADE-2

SUBJECT: COMPUTER APPLICATION

1. Operating System

Fundamentals of Operating System: Basics of Operating System, Types, Functions and Services of Operating Systems, System Calls, Interface, Interrupts.

Process: Process Management, Process Control Block, Process States, Threads, Scheduling, Spooling, Scheduling Algorithms and their Evaluation, Process Synchronization, Inter-process Communication, Concurrent Execution, Race Condition, Mutual Exclusion, Bounded Waiting, • Semaphores, Hardware Synchronization, Classical Problems of Synchronization (Readers-Writers, Dining Philosophers)

Deadlock: Introduction of Deadlocks, Deadlock Characteristics, Deadlock Prevention, Detection and Avoidance, Wait-for-Graph, Banker's Algorithm, Safe Condition, Deadlock Recovery

Memory Management: Basics of Memory Management, Static Allocation, Dynamic Allocation, Swapping, Compaction, Contiguous Vs. Non-Contiguous Allocation, Paging, Segmentation, Virtual Memory, Demand Paging, Page Replacement Algorithms, Frame Allocation Methods, Thrashing.

File Management: Structure and Functions of File System, I/O Operations, Device Drivers, Access Methods, File System Organization, Design Techniques, File Allocation Methods, File Security and Protection

Unix and Windows: Overview of Unix Shell Environment, Interface, Common Commands, System Utilities, Windows Environment Subsystem, Control Panel and System Configuration, Security and Protection.

2. Programming Language:

Problem Solving Techniques: Algorithms, Flowcharts, Programming Paradigms (Top-Down, Bottom-Up), Introduction to Object Oriented Programming and Structured Programming Concepts.

C Programming: Importance and evolution of C Language, Structure of C Program, Character Set, Tokens, Keywords, Identifiers, Constants, Variables, Data Types, Operators, Decision Making Statements, loops, Arrays, Strings, Functions, Structures.

Object Oriented Programming: Classes, Objects, Encapsulation, Data Abstraction, Inheritance, Reusability and Modularity, Polymorphism, Friend Functions, Virtual Functions, Constructors and Destructors

Java: Java Source File Structure, JVM Architecture, Primitive Data Types, Operators, Type Casting, Arrays, Conditional Statements, Loop constructs, Abstract Classes and Interfaces, Method Overloading and Overriding, Packages and Access Modifiers.

3. Scripting Languages

Definition and Characteristics of Scripting Languages, Uses of Scripting Languages for Web Based Applications, Client Side vs. Server Side Scripting.

JavaScript: Overview of JavaScript, Syntax, Variables, Expressions, Control Structure (Branching and Looping), Functions, Events, Document Object Model (DOM) manipulations.

Perl: Syntax, Data Types, Variables, Operators, Conditional and Looping Statements, Array, Strings, Hashes, built-in Functions and Subroutines.

4. Database

Characteristics of DBMS, Types of database models, ER Diagrams, DDL, DML, Data Abstraction and Data Independence, DBMS Architecture, Schema, Views, Functional Dependencies, Integrity Constraints, Normal Forms (1NF, 2NF, 3NF and BCNF), Concepts Of Transactions and Concurrency.

5. Database Packages

Structured Query Language (SQL): SELECT Queries, JOINS, Subqueries, Aggregate Functions, Set Operations, Data Manipulations (INSERT, UPDATE, DELETE, WHERE, ORDER BY, GROUP BY), Indices and Triggers.

MS-ACCESS: Introduction to MS-Access GUI and Structure, Reports, Queries, Macros, Built-in Functions, Data Import/Export queries, Table Relationships.

Oracle: Introduction and Installation, Backup and Recovery Manager, SQL Server Basics, Functions of SQL Server, Server Configuration, User Management, Basic Concepts of MYSQL.

6. Web Server

PHP: Introduction to PHP, Variables, Data Types, Conditional and Looping Statements, Indexed and Associative Arrays, Built-in Functions, Embedding PHP in HTML, Form Handling.

Web Server: Overview and Concepts of Web Server, Types of Web Servers, HTTP and HTTPS Protocol, Client-side and Server-side Scripting, Introduction to the .NET Platform and Framework, MVC Architecture and its implementation, API Development, Remote Access and Server Management, Deployment and Publishing ASP.NET, Understating IIS and Apache Servers, Basics of Web Hosting and Domain management.

7. Network

Basics of the Internet, Web Browser, Search Engine, URL Structure, Protocols and Services, FTP, TCP/IP, DNS, POP, SMTP, ICMP, RARP, UDP, ARP, IP Addressing, Subnetting concepts, Remote Login, Web Uploading/Downloading, Web Publishing, Hosting Services, SSL, Internet Safety Practices, Social Media Networking, Fundamentals of Socket Programming, Client Server Architecture, TCP and UDP Socket communication.

8. Web Content Development

Concepts of Hypertext and Hypermedia, Structure of HTML Documents, Head and Body Sections, Different Tags, Text Formatting, Inserting Images, Creating Links, Using Tables and Lists, Frames and Form Handling.

9. Document Preparation

MS-Word: Introduction to MS —WORD and its features, Creating, Saving and Opening Documents, Interface, Toolbars, Ruler, Menus, Keyboard Shortcuts, Paragraph formatting, Alignment, Borders and Shading, Headers and Footers, Columns, Tables.

MS-Excel: Creating Worksheets, Defining Cells, Columns and Rows, Entering, Editing, Saving and Protecting Data, Toolbars, Functions, and Keyboard Shortcuts. Cell Formatting, Alignment, Character Styles, Adjusting Column Width and Row Height, Date/Time Formatting, Applying Boarders, Colors, Basic Formulas, Cell Referencing (Relative, Absolute, Mixed)

MS-PowerPoint: Overview of MS-PowerPoint and its applications in presentations, Creating, Duplicating, Moving, Copying, and Deleting Slides, Using Themes, Slide Layouts, Design Tools, Editing and Formatting Text, Applying Styles, Using Bullets and Numbering, Inserting and Formatting Images, Charts, Smart-art and Multimedia, Applying Visual Effects, Custom Animation, Notes, Handouts, Slide Sorter View, Rehearse Timing.

Appendix-5

Relevant Service Rules of related Posts

1. उत्तर प्रदेश आवास एवं विकास परिषद, सहायक वास्तुविद नियोजक नियमावली–1979 (यथा संशोधित)
2. The Uttar Pradesh Sports, Directorate Subordinate Service Rules, 1986 (As Amended)
3. The Uttar Pradesh Government Department Electronic Data Processing (Group 'B') Cadre Service Rules, 2016

SECRETARY