



PUNJAB PUBLIC SERVICE COMMISSION

BARADARI GARDEN, PATIALA- 147001

WEBSITE : <http://ppsc.gov.in>

PUBLIC NOTICE

10 POSTS OF ASSISTANT ARCHITECT (GROUP-A) IN THE DEPARTMENT OF LOCAL GOVERNMENT (MUNICIPAL CORPORATION), GOVT. OF PUNJAB.

11 POSTS OF ASSISTANT ARCHITECT (GROUP-A) IN THE DEPARTMENT OF PUBLIC WORKS, GOVT. OF PUNJAB.

1. With reference to advertisement No. 202221 and 202222 published on 07.06.2022 for the ibid post, the commission has decided to **revise pattern and the syllabus** for the ibid post.
2. The **revised pattern** for the written competitive examination as mentioned in clause 6.2 of "General Information for the candidates" shall be as follows:

Sr. No.	Topic	No. of Questions	Marks (Each Question carries 4Marks)	Type of Questions
1	Questions from the subject (Part A of Syllabus)	90	360	MCQs (Multiple Choice Questions)
2	Questions from General Knowledge & Current Affairs (Part B of Syllabus)	10	40	
3	Questions from General Mental Ability, Logical Reasoning & Quantitative Aptitude (Part C of Syllabus)	10	40	
4	Punjabi (Part D of Syllabus)	10	40	
	Total	120	480	

3. The revised syllabus for the ibid posts is annexed as **Annexure –A.**
4. The Procedure of Selection will remain same as mentioned in Clause 6.1 of the General Information.
5. All other conditions such as reservation of the posts, age, eligibility, essential qualification, etc. of the advertisement shall remain same as mentioned in "General Information for the Candidates".

Dated : 19.05.2023

Sd/-
Secretary (Examinations)
Punjab Public Service Commission
Patiala

Part - A
SUBJECT SYLLABUS

History of architecture; Indus Valley, Vedic, Buddhist, Indo-Aryan, Dravidian and Mughal periods, European, Greek, Roman, Medieval and Renaissance periods – construction and architectural styles. Vernacular and traditional architecture, Development of contemporary architecture, influence of modern art on architecture, eclecticism, international styles, post modernism.

Architectural design; Elements of design, Principles of design, Objectives of design, Importance of scale in architecture, human scale and monumental scale, Role of colour in architecture. Design idea and its evolution through design development, 3-dimensional visualization. Building types; residential, commercial, institutional, industrial and recreational, NBC guidelines, Architectural character and style, study of modern and traditional iconic building, interrelationship of form, function and circulation in architectural design, application of computers in architecture, AutoCAD, 3d-studio and 3d max.

Building construction; Techniques, methods and details, building systems and prefabrication of building elements, principles of modular coordination, estimation, specifications, valuation, professional practice, materials and structural systems, behavioural characteristics of all types of building materials e.g. Mud, timber, bamboo, brick, concrete, steel, glass, different polymers composites; structural elements in wood, steel and RCC, complex structural systems, principles of pre-stressing, tall buildings. Various types of windows and doors, types of staircase and their various construction techniques, various types of wall construction, various types of steel trusses and roof covering, various types of wall cladding, temporary supporting structures, various structure systems, partitions for large span structures, Design of singly reinforced beams, doubly reinforced beams, cantilever beams, types of footing. Construction details of interiors, components of working drawings.

Building services; water supply, sewerage and drainage system, sanitary fittings and fixtures, plumbing systems, principles of internal and external drainage system, principles of electrification of building, intelligent buildings, elevators & escalators, their standards and uses, air-conditioning systems, fire fighting systems, fire safety as per NBC, basic principles of architectural acoustic, principles of lighting and styles of illumination, building safety and security system.

Climate responsive design; concept of green buildings, efficient use of energy, operation and maintenance optimization, waste reduction and recycling. Energy efficient building design, thermal comfort, solar architecture.

Principles of city planning; planning regulations and building byelaws, role of urban conservation and relevance of historic areas in present context, concept of listed buildings, concept of housing, site planning principles, housing typology, housing standards, housing infrastructure, Building economics.

Principles of landscape design and site planning; landscape elements and materials, plant characteristics & plant design. Construction Management; Resource, CPM, PERT, Quality Control, safety issues, Building Maintenance; Defects in buildings, causes, Diagnose, treatment and preventive measures. Disaster management; effects to mitigate natural disaster at site level; Type and characteristics of soils, classification of soils, bearing capacity of soil.

Part - B

GENERAL KNOWLEDGE & CURRENT AFFAIRS

General Knowledge and Current affairs of National and International importance including:

- (i) Economic issues.
- (ii) Polity issues.
- (iii) Environment issues
- (iv) Science and Technology.
- (v) Any other current issues.
- (vi) (a) History of India with special reference to Indian freedom struggle movement
(b) History of Punjab- 14th century onwards

Part -C

GENERAL MENTAL ABILITY, LOGICAL REASONING & QUANTATIVE APTITUDE

- (i) Logical reasoning, analytical and mental ability, etc.
- (ii) Basic numerical skills; numbers, magnitudes, percentages, numerical relation appreciation.
- (iii) Data analysis; Graphic presentations, charts, tables, spread sheets.

Part- D

PUNJABI

- 1. ਬਹੁਅਰਥਕ ਸ਼ਬਦ, ਵਿਰੋਧਾਰਥਕ ਸ਼ਬਦ, ਸਮਾਨਾਰਥਕ ਸ਼ਬਦ ਅਤੇ ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਦੀ ਥਾਂ ਇੱਕ ਸ਼ਬਦ।
- 2. ਪੰਜਾਬੀ ਅਖਾਣ ਅਤੇ ਮੁਹਾਵਰੇ।
- 3. ਸ਼ੁੱਧ ਅਸ਼ੁੱਧ, ਸ਼ਬਦ ਜੋੜ।
- 4. ਸ਼ਬਦ ਦੇ ਭੇਦ।
- 5. ਅਗੇਤਰ/ਪਿਛੇਤਰ।
- 6. ਲਿੰਗ ਅਤੇ ਵਚਨ ਬਦਲੇ।
- 7. ਵਿਸ਼ਰਾਮ ਚਿੰਨ੍ਹ।
- 8. ਵਿਆਕਰਨ।
- 9. ਅੰਗਰੇਜ਼ੀ ਸ਼ਬਦਾਂ ਅਤੇ ਵਾਕਾਂ ਦਾ ਪੰਜਾਬੀ ਵਿੱਚ ਸ਼ੁੱਧ ਰੂਪ।
- 10. ਅੰਕਾਂ, ਮਹੀਨੇ, ਦਿਨਾਂ ਦਾ ਸ਼ੁੱਧ ਪੰਜਾਬੀ ਰੂਪ।
- 11. ਭਾਸ਼ਾ ਅਤੇ ਪੰਜਾਬੀ ਭਾਸ਼ਾ।
- 12. ਸ਼ਬਦ ਬੋਧ।
- 13. ਪੰਜਾਬ ਦੇ ਇਤਿਹਾਸ ਨਾਲ ਸਬੰਧਤ ਪ੍ਰਸ਼ਨ।
- 14. ਪੰਜਾਬ ਦੇ ਮੇਲੇ, ਤਿਉਹਾਰ ਅਤੇ ਸਭਿਆਚਾਰ ਨਾਲ ਸਬੰਧਤ ਪ੍ਰਸ਼ਨ।
- 15. ਅਣਡਿੱਠੇ ਪੈਰੇ ਵਿੱਚੋਂ ਪ੍ਰਸ਼ਨ।