

5.4 Ex-servicemen of Punjab Domicile shall be allowed to deduct the period of his service in the Armed Forces of Union from his actual age and if the resultant age does not exceed the maximum age limit prescribed for direct appointment to such a vacancy in the Service Rules concerned by more than three years, he shall be deemed to satisfy the condition regarding age limit.

5.5 The upper age limit is also relaxed up to 42 years for widows, divorcees and certain other categories of women.

5.6 The upper age limit is also relaxed up to 47 years for "Persons with Disability" of Punjab.

Note: Provisions mentioned in Punjab Civil Services (General and Common Conditions of Service) Rules, 1994 amended from time to time may be considered

6. PATTERN AND SCHEME OF COMPETITIVE EXAMINATION FOR SELECTION

6.1 PROCEDURE FOR SELECTION

The procedure for selection of candidates for the post of Head Draftsmen and Draftsmen (Group-B) Technical in the Department of Local Government and Tourism & Culture Affairs, Government of Punjab will be as per the following details:-

| Subject Matter | No. of Questions | Total Marks |
|---------------------------------|------------------|-------------|
| Written Competitive Examination | 120 | 480 |

The written competitive examination for the post will be scheduled soon.

6.2 PATTERN OF THE WRITTEN COMPETITIVE EXAMINATION

The pattern for written competitive examination comprising of 120 questions (@ 4 marks for each question) is as follows:

| S. No. | Topic | No. of Questions | Marks (Each Question carries 4 marks) | Type of Questions |
|--------|---|------------------|---------------------------------------|----------------------------------|
| 1. | Questions from the Subject (Part A of Syllabus) | 100 | 400 | MCQs (Multiple Choice Questions) |
| 2. | Questions from Logical Reasoning, Mental ability and General Knowledge (Part B of Syllabus) | 20 | 80 | |
| | Total | 120 | 480 | |

The important points to note:

- I. There will be a **JOINT COMPETITIVE EXAMINATION** for 119 posts of Head Draftsmen and Draftsmen (Group-B) Technical [25 posts of Head Draftsmen (Group-B) Technical in Municipal Corporation in the Department of Local Government, Govt. of Punjab; 02 posts of Head Draftsmen (Group-B) Technical in Improvement Trust in the Department of Local Government, Govt. of Punjab; 46 posts of Draftsmen (Group-B) Technical in Municipal Councils/ Nagar Panchayats in the Department of Local Government, Govt. of Punjab; 43 posts of Draftsmen (Group-B) Technical in Municipal Corporation in the Department of Local Government, Govt. of Punjab; 02 posts of Draftsmen (Group-B) Technical

General Information regarding 119 posts of Head Draftsmen and Draftsmen (Group-B) in the Departments of Local Government and Tourism & Culture Affairs, Government of Punjab in the year of 2022

in Improvement Trust in the Department of Local Government, Govt. of Punjab;
01 Post of Draftsman (Group-B) in the Department of Tourism and Cultural
Affairs, Govt. of Punjab]

- II. *The question paper will be in English language only.*
- III. *Each question carries **4 marks** and for each correct answer, the candidate will get **4 (four) marks**.*
- IV. *There will be **negative marking** (one mark for each question) in the written examination for questions wrongly answered i.e. for each incorrect answer, **1 (one)** mark will be deducted from the total score*
- V. *To answer a question, the candidate has to find, for each question, the correct answer/ best option.*
- VI. *Answer key will be uploaded on the PPSC website (after written examination), and the candidates will be permitted to raise objections (if any). Candidates will be given four days to deliberate before putting up the objections.*
- VII. *Unanswered/unattempted questions will be given no marks. In case, a question is withdrawn, all candidates will be given **four (04) marks** irrespective of the fact whether the question has been attempted or not attempted by the candidate.*

6.3 DURATION OF EXAMINATION

The exam will be of two (02) hours duration.

6.4 SYLLABUS OF THE WRITTEN EXAMINATION

The question paper will be based on the given syllabus from the Subject and from Logical Reasoning, Mental ability and General Knowledge (**Annexure-VIII**)

6.5 MODE OF EXAMINATION

The examination is a pen and paper-based, to be answered on the specially designed machine gradable OMR sheet using ball point pen.

6.6 INFORMATION ABOUT EXAM CENTRE

Information about the examination centre(s) will be mentioned on Admit Cards of all candidates. The Public Notice to download the Admit cards will be given on the website of the Commission.

6.7 ELIGIBILITY AND SCRUTINY OF APPLICATION FORMS AND TESTIMONIALS

6.7.1 All candidates who apply for the ibid posts will be treated "provisionally eligible" for appearing in the competitive exam. Acceptance of applications at this stage and allotment of Roll Numbers by PPSC does not indicate acceptance of candidature by the PPSC, since there is no scrutiny of documents before the written exam.

6.7.2 The scrutiny of application forms shall be done after the conduct of the examination. During the process of scrutiny, the application forms and other relevant documents, certificates, etc. of the candidates shall be examined to determine their eligibility **as on 06/07/2022**. Candidates not meeting the eligibility criteria will be rejected after the

General Information regarding 119 posts of Head Draftsmen and Draftsmen (Group-B in the Departments of Local Government and Tourism & Culture Affairs, Government of Punjab in the year of 2022

ANNEXURE (VIII)- Syllabus

Part-A

1. Importance of B.I.S., Introduction of Code for Practice of Architectural and Building Drawings (IS: 962- 1989), Layout of drawing. Lines, Lettering, Dimensioning. Knowledge of different types of Scales and Principle of R.F., Different types of projection views such as Orthographic, Isometric, Oblique and Prespective.
2. Building Materials- Stones –classification, types, uses. Bricks – Manufacturing, characteristics, types, uses. Lime– characteristics, types, uses. Pozzolan- classification, types, uses. Cement – Manufacturing, classification, types, uses and test of good cement. Sand – characteristics, types & uses. Clay Products – types, earthenware, stoneware, porcelain, terracotta, glazing. Mortar& Concrete –Types, uses Preparation, Proportion ad mixtures and applications. Timber–types, Structure, disease & defects, characteristics, seasoning. Preservation and uses.
3. Alternative materials of Timber- Plywood, Block Board, Particle Board, Fireproof reinforced plastic, (FRP). Medium density fireboard (MDF) etc.
4. Protective materials- Tar, bitumen, asphalt- Properties, application and uses. Paints–characteristics, types, uses. Varnishes– characteristics, types, uses. Metal– characteristics, types, uses. Plastics –characteristics, types, use.
5. Building Construction:- Sequence of construction of a building. Name of different parts of building.
6. Stone masonry- Terms used and Classification. Principle of construction, Composite masonry. Strength of walls. Strength of Masonry.
7. Brick masonry - Principle of construction of Bonds, Tools and Equipment used.
8. Foundation-Purpose of Foundation, Causes of failure of Foundation, Types of Foundations, Drawing of footing, foundation, Setting out of building on ground excavation, Types of Shoring and Scaffolding details, Types of Underpinning and Timbering details. DPC. Arches. Lintels. Morter. R.C.C. Reinforcement. Doors & windows. Roofs. Floors. Trusses. Carpentry Joints. Stairs.
9. Surveying-Introduction, History and Principal of chain surveying. Instruments Employed. Main divisions (plain & geodetic).Chain Surveying. Compass Surveying. Plane Table Surveying. Leveling. Theodolite. Total Station
10. Computer aided drafting (CAD) -Operating system software & their use. Introduction of CAD. Basic commands of CAD
11. Planning of Building-Principles of Planning& orientation of

Building. Local Building Bye Laws

12. Estimating & Costing- Methods of finding Quantities of materials.

13. Roads and Railways- Principles of Planning & construction of Roads.

Indian Railways & their Gauges

14. Bridges- Culverts & Bridges.

15. Irrigation & hydrology - Methods. Terms used in Irrigation. Storage & Reservoirs. Canals. Hydroelectric power house.

16. Public Health Engineering- Public health system of Sanitation.

Sanitary Fittings etc.

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Part-B

1) 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.

2) General Mental Ability, Logical Reasoning & Quantitative Aptitude

- (i) Analytical Reasoning, Logical Reasoning and Mental Ability
- (ii) Basic numerical skills, numbers, magnitudes, percentage, numerical relation appreciation.
- (iii) Data analysis, Graphic presentation charts, tables, spreadsheets.