



PUNJAB PUBLIC SERVICE COMMISSION
BARADARI GARDEN, PATIALA- 147001
WEBSITE : <http://ppsc.gov.in>

PUBLIC NOTICE

RECRUITMENT TO 07 POSTS OF REMOTE SENSING AND GEOGRAPHIC INFORMATION SYSTEM OFFICER (GROUP-B) IN THE DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT (DIRECTORATE OF TOWN AND COUNTRY PLANNING), GOVERNMENT OF PUNJAB.

1. With reference to advertisement No. 202279 published on 10.08.2022 for the ibid posts, the commission has decided to **revise pattern and the syllabus** for the ibid posts.
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 4 Marks)	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 : 28/04/2023

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

Part-A
SUBJECT SYLLABUS

Fundamental Concepts of Remote Sensing, Energy Principles and Interaction Mechanisms, Image Processing and Interpretation.

Photogrammetry: Definition and Types, Basic Geometry of Aerial Photographs, Photo Scale, Relief Displacement, Parallax.

Concepts and Definitions of GIS, Functional Elements of GIS, Data Management and Structure in GIS.

Fundamentals of Spatial Analysis, Spatial Techniques for Point and Line Analysis, Vector Analysis Tools and Techniques, Raster Analysis: Elevation Models and Surface Analysis.

Digital Image Pre-processing, Image Enhancement Techniques, Image Transformation, Spectral Enhancement, Digital Image Classification.

Concept and Characteristics of Global Navigation Satellite System (GNSS), Surveying with GNSS, Measuring and Data Processing with GNSS.

Application of Geoinformatics for Geomorphological Studies, Geological Studies, Hydrological Analysis, Geo-environmental Studies, Urban and Regional Planning, Disaster Management.

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) Geography
- (v) Science and Technology
- (vi) Any other current issues
- (vii) (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 &
QUANTITATIVE APTITUDE

- (i) Logical reasoning, analytical and mental ability, etc.
- (ii) Basic numerical skills, numbers, magnitudes, percentage, numerical relation appreciation, etc.
- (iii) Data analysis, Graphic presentation charts, tables, spreadsheets, etc.

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, ਸ਼ਬਦਜੋੜ।
4. ਸ਼ਬਦ ਦੇ ਭੇਦ।
5. ਅਗੇਤਰ/ਪਿਛੇਤਰ।
6. ਲਿੰਗ ਅਤੇ ਵਚਨ ਬਦਲੋ।
7. ਵਿਸ਼ਰਾਮ ਚਿੰਨ।
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 ਵਿਚੋਂ ਪ੍ਰਸ਼ਨ।