



Haryana Public Service Commission
Bays No. 1-10, Block-B, Sector-4, Panchkula

Subject:- Recruitment to the 07 Posts of Executive Engineer (Civil) (Unclassified), in Urban Local Bodies, Department, Haryana.

ANNOUNCEMENT

It is hereby announced for the general information of the candidates, who had applied for 07 posts of Executive Engineer (civil) (Unclassified) in Urban Local Bodies Department, Haryana in response to the Advertisement No. 3(4)/2017 published on 07.12.2017 that the Commission has decided to hold recruitment/shortlisting test followed by viva-voce. The syllabus/scheme/schedule for the recruitment/shortlisting test will be as under:-

Syllabus for the recruitment/shortlisting test:-

“There will be only one paper comprising of objective type/multiple choice questions (MCQs) comprising of questions from the prescribed syllabus.

Scheme for the recruitment/screening test:-

There will be only one paper comprising of 100 MCQ (Multi choice Questions), total marks 100 (one mark for each question) with total duration of two hours from the syllabus mentioned above.

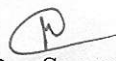

Note:- There will be no negative marking

Schedule of recruitment/shortlisting test:-

Recruitment/shortlisting test will be held in the month of April/May 2018 tentatively

The Syllabus/scheme/schedule is available on Commission's website i.e. <http://hpsc.gov.in>.


Dated: 10-04-2018


Dy. Secretary
Haryana Public Service Commission
Panchkula


**SYLLABUS FOR 07 POSTS OF EXECUTIVE ENGINEER (CIVIL) (UNCLASSIFIED)
IN URBAN LOCAL BODIES DEPARTMENT, HARYANA**

1. Building Materials and Construction- Stones, Timber, Bricks, Cement, Mortar, Concrete, Masonry, Steel.
2. Solid Mechanics- Stresses, Strains, Failures, Theories of Solid Material, Simple Bending and Torsion Theories, Shear Centre.
3. Graphic Static- Force Polygon, Stress diagram.
4. Structural Analysis - Analysis of trusses and frames, Introduction to plastic Analysis.
5. Design of Metal Structure - Working stress and ultimate strength design of simple structures.
6. Design of Concrete and Masonry Structures- Design of masonry walls, working stress design of plain, reinforced and prestressed concrete, ultimate strength design of reinforced and prestressed concrete.
7. Fluid Mechanics, Water Resources Engineering –Open channel and pipe flow. Hydrology Design of canals and hydraulics structures.
8. Soil Mechanics and Foundation Engineering and their general principles. Strength parameters, Earth pressures Theories, Design of Shallow and Deep foundations.
9. Transportation Engineering including Railway Engineering and Surveying, Roads Super-elevation, Ruling gradient pavements, Traffic controls, Design Considerations.
10. Environmental Engineering – Water purifications, Sewerage treatment and disposal.
11. Construction Planning and Management – Elements of construction practice. Bar charts, CPM, PERT.

Dated 10-04-2018


Deputy Secretary
Haryana Public Service Commission
Panchkula
