



Haryana Public Service Commission

Bays No. 1-10, Block-B, Sector-4, Panchkula

ANNOUNCEMENT

It is hereby announced for the information of candidates who have applied for the 14 posts of Assistant Environment Engineer (Class-II) in Haryana State Pollution Control Board relating to Advt. No. 5 (iii)/2017 published on 29.12.2018 that the Commission has decided to hold Recruitment Test for the above said post followed by viva-voce. Accordingly, the syllabus for the recruitment test will be as under:-

Syllabus for the recruitment/shortlisting test:-

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.

Scheme of the Recruitment/Screening Test:-

There will be only one paper comprising of 100 MCQs (Multi Choice Questions), (English Language) and there will be no negative marking.

Note: This announcement is also available on Commission's website i.e. <http://hpsc.gov.in>.


Secretary

Haryana Public Service Commission
Panchkula

Dated: 02.05.2019