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ANNEXURE - I

SYLLABUS FOR EXAMINATION FOR SIRDAR'S CERTIFICATES OF COMPETENCY (Under Coal Mines Regulations, 2017)

- 1.0 Method of examining roof and sides of working places and roadways etc.
- 2.0 Method of timbering and setting of supports, roof bolting, anchorage testing, withdrawals of supports, Preliminary idea about Salvaging of longwall face equipment.
- 3.0 Safety issues regarding Stowing operations, working near water bodies or unconsolidated mass.
- 4.0 Examination of Sumps.
- 5.0 Shot-firing and transport and use of explosives in mines.
- 6.0 Ventilation and mine gases- elementary.
- 7.0 Safety issues in Opencast Workings over developed pillars, Working at heights, manual handling / handling of heavy materials, Marching of heavy machines.
- 8.0 Preliminary idea about Reclamation operation in opencast mining.
- 9.0 Preliminary understanding about Safety Management Plan.
- 10.0 Provisions of the Coal Mines Regulations 2017, Rules and Bye-laws made under the Mines Act 1952, relating to the safety of persons employed in mines in general and to the duties of Sirdar's and Shoffirer's in particular.
- 11.0 Writing of reports.