

Mining Engineering Practical Assessment: 4th Semester

Sub: Mine Survey - II

Exp-1: (F18059010001 – F18059010031)

Determination of tachometric constants of a tachometer and its use.

Exp-2: (F18059010032 – F18059010068)

Study of GPS and its use

Exp-3: (L19059010001 - L19059010023, F18059001066,2006,2014,2055,2093,3008)

Study of DGPS and its use.

Exp-4: (F18134010001 – F18134010053, F17134010043)

Study of TOTAL STATION.

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Sub: Mine Ventilation

Exp-1: (F18059010001 – F18059010031)

Determination of relative humidity by Static Hygrometer.

Exp-2: (F18059010032 – F18059010068)

Determination of velocity of air by Vane Anemometer and there by quantity of air.

Exp-3: (L19059010001 - L19059010023, F18059001066,2006,2014,2055,2093,3008)

Determination of cooling power of mine air using Kata Thermometer.

Exp-4: (F18134010001 – F18134010053, F17134010043)

Study of constructional features of centrifugal fan and its use in underground mines.

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Sub: Electrical Equipments Used in Mines

Exp-1: (F18059010001 – F18059010031)

Preparation of electric switch board to control light, fan, fuse and plug points.

Exp-2: (F18059010032 – F18059010068)

Study of air circuit breaker.

Exp-3: (L19059010001 - L19059010023, F18059001066,2006,2014,2055,2093,3008)

Study of Gate and Box.

Exp-4: (F18134010001 – F18134010028)

Identification of different part of a given cable.

Exp-4: (F18134010029 – F18134010053, F17134010043)

Study of RELAYS.