Assignment 1

The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment.

Completed?

1. which of the following is a requirement for the designed mining machinery?
   a. Automatic control and remote operation
   b. Man-less operation
   c. Easy to transport
   d. Immovable or Safe
   e. None of the above
   Answer:
   a. Automatic control and remote operation

2. Which loading equipment will be suitable for overburden removal without use of stamp truck in coal mining?
   a. Shovel
   b. Drill
   c. Conventional Loader
   d. Bucket Wheel Excavator
   Answer:
   a. Shovel

3. Which loading equipment will be suitable for the ordinary thick dip seam in coal mining?
   a. Shovel
   b. Drill
   c. Conventional Loader
   d. Bucket Wheel Excavator
   Answer:
   a. Shovel

4. The capacity of a machine in an open pit mine can be measured by:
   a. Height
   b. Width
   c. Speed
   d. Ability
   Answer:
   d. Ability

5. Which of the following companies has less involvement with mining?
   a. Mahanadi Coalfields Limited (MCL)
   b. Hindustan Coal Excavators Limited (HCEL)
   c. South coal mining Limited (SCML)
   d. Saini Group of Companies Limited (SGCL)
   Answer:
   d. Saini Group of Companies Limited (SGCL)

6. Hydrotreated Power coal is used in which forms of mining?
   a. Rock & Pillow mining
   b. Strata mining
   c. Longwall Mining
   d. Highwall Mining
   Answer:
   b. Strata mining

7. The number of Mineral in India is:
   a. 92
   b. 119
   c. 190
   d. 73
   Answer:
   c. 190

8. The most common used loader to load coal into the rope transporter is:
   a. Shovel
   b. Drill
   c. Bucket wheel excavator
   d. Balance Crawler
   Answer:
   c. Bucket wheel excavator

9. All electric Motors to be used in underground coal mine must have which feature?
   a. Intrinsically safe
   b. Flameproof apparatus
   c. Hermetically sealed
   d. Any of these
   Answer:
   a. Intrinsically safe

10. Which machinery will be most suitable for unconsolidated coal with uniaxial compressive strength less than 70 MPa?
    a. Shovel
    b. Drill
    c. Conventional loader
    d. Bucket Wheel Excavator
    Answer:
    d. Bucket Wheel Excavator