QUESTION BANK OF MINE SURVEY-2

Define Tacheometry surveying?
What is stadia rod?
What is the primary objective of tacheometry surveying?.
What is the name of instrument used in tacheometry surveying?
State Stadia system of tacheometry?
Define Fixed hair method?
Define movable hair method?
What is tangential method?
Write (any two) advantages of tacheometry surveying?.
Write instrumental error in tacheometry ?
Write error due to natural causes in tacheometry survey?
Define Traingulation survey?.
Write classification of triangulation.
What is reconnaissance survey?
What correlation survey?
Define direct traversing via mine entry?
State (any two) criteria for selection of triangulation systems?
What is optical method?
Define weissbach triangle method?
Define Tape triangulation .
Define GPS system?
Define control segment in GPS system.
Define total station?.
Define simple curve.
What is compound curve.
What is reverse curve.
Write types of curve.
What is Super elevation?
What is transistion curve?
<u>Define</u> Vertical curves.
Define correlation survey.
Determine stope face?
Define ape triangulation?
Write (any two)purposes of triangulation?

Define direct traversing via mine entry.

Definecoplannings or exact alignment method?.

What is weis-quadrilateral method?

State and explain different methods of tacheometry

State and explain with neat sketch stadia hair method principle?

Define triangulation? Describe principle purposes and classification of triangulation?

With neat sketch explain measuring horizontal angle in theodolite?

Describe measuring the horizontal angle in theodolite?

Define types of curves and explain all the curves.

State method of curve by successive bisections of arcs?

State method of curve by offsets perpendicular to tangents?

State band explain with neat sketch two theodolite method.

Describe super elevation with neat sketch .

Define transistion curve? Explain objects of providing transistion curves.

Define correlation survey. Explain Direct traversing via mine entry?

Explain single wire in two vertical shaft.

State coplannings or exact alignment method of survey?

Describe weissbach triangle method?.

State weis-quadrilateral method?.

Describe Precise magnetic correlation?

Findout the area of extraction by plainmeter and calculation of triangle thereof?.

State and explain GPS system and its types.

State and explain working of DGPS?

LONG QUESTIONS

Define Tacheometry?Describe different methods of tacheometry?

Define triangulation.State principle purposes& classification of triangulation?

Write criteria for selection of triangulation stations?

With neat sketch write measuring vertical angles in theodolite.

Desctibe "to measure horizontal angle by Repetition method?

Define EDM?State construction of triangulation station of permanent nature?

Define curves? Write classification of curve & explain all.

Describe with neat sketch Rankine's method of tangential angle(one theodolite)?

State & explain two theodolite method.

Define Tacheometry?Describe different methods of tacheometry?

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State & explain two theodolite method.

Define transistion curve?Explain it's types of vertical curves with neat sketch?

What is correlation. Explain "single wire in two vertical shaft"?

Explain precise magnetic correlation method & procedure advantages and disadvantages?

Determine stope face?State preparation of stope plane plotting the stope station & plotting of stope face to the mine plain?.

Describe GPS system & it's types? Describe briefly about DGPS?