

Code No:56096

Set No. 1

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

III B.Tech. II Sem., II Mid-Term Examinations, April – 2014

MINE SURVEYING-II

Objective Exam

Name: \_\_\_\_\_ Hall Ticket No. 

						A			
--	--	--	--	--	--	---	--	--	--

Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.

**I Choose the correct alternative:**

1. The surface survey is connected to the underground survey through [     ]  
a) Shaft                      b) anadit                      c) both a&b                      d) neither a& b
2. Where entry to a mine is gained by means of a level (or) draft correlation may be carried out by [     ]  
a) Weisbach triangle method                      b) Direct traversing method  
c) co-planning method                      d) None
3. Plotting of the maps from photographs taken from the air can be done by [     ]  
a) Radian method                      b) Pre-pointing method  
c) post-pointing method                      d) Both a & b
4. In case of low oblique photographs the lift of the camera ranges from [     ]  
a) 1° to 10°                      b) 10° to 20°                      c) 20° to 30°                      d) None
5. Terrestrial stereo photogrammetry is a branch of [     ]  
a) Ground photogrammetry                      b) Aerial photogrammetry  
c) aerial surveying                      d) None
6. The field work of terrestrial photogrammetry consists of [     ]  
a) Reconnaissance                      b) triangulation                      c) camera work                      d) All the above
7. Plumb bobs are normally made of lead which is un affected by [     ]  
a) Simple pendular motion                      b) Air current  
c) Magnetic attraction                      d) None
8. In weisbach's method the theodolite is setup slightly out of line forming as small triangle with the two wires and the triangle is known as [     ]  
a) Triangular error                      b) Weisbach's triangle                      c) Isosceles triangles                      d) None
9. Remote sensing can be defined as collecting information about a target [     ]  
a) Without seeing it                      b) By touching it  
c) Without a physical contact with it                      d) from a ground station
10. Line in polygon method is characteristic of [     ]  
a) Raster overlay                      b) Vector overlay                      c) Buffer operation                      d) Intersecting operation

Cont.....2

**II Fill in the blanks**

11. E.D.M means \_\_\_\_\_ distance measurement
12. \_\_\_\_\_ is not suitable for flat and wooden country
13. Least count of E.D.M is \_\_\_\_\_
14. In \_\_\_\_\_ method the theodolite on the surface must be exactly aligned with plumb plane.
15. The satellite constellation of G.P.S consisting of \_\_\_\_\_ satellites
16. In G.P.S satellites are placed in orbits with orbital radius approximately of \_\_\_\_\_ km
17. Basic principle of R.S is \_\_\_\_\_
18. The basic principle of plane table photogrammetry is \_\_\_\_\_
19. G.I.S data types \_\_\_\_\_
20. Approximate alignment is \_\_\_\_\_ method.

Code No:56096

Set No. 2

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

III B.Tech. II Sem., II Mid-Term Examinations, April – 2014

MINE SURVEYING-II

Objective Exam

Name: \_\_\_\_\_ Hall Ticket No. 

						A			
--	--	--	--	--	--	---	--	--	--

Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.

**I Choose the correct alternative:**

1. In case of low oblique photographs the lift of the camera ranges from [     ]  
a)  $1^\circ$  to  $10^\circ$                       b)  $10^\circ$  to  $20^\circ$                       c)  $20^\circ$  to  $30^\circ$                       d) None
2. Terrestrial stereo photogrammetry is a branch of [     ]  
a) Ground photogrammetry                      b) Aerial photogrammetry  
c) aerial surveying                      d) None
3. The field work of terrestrial photogrammetry consists of [     ]  
a) Reconnaissance                      b) triangulation                      c) camera work                      d) All the above
4. Plumb bobs are normally made of lead which is un affected by [     ]  
a) Simple pendular motion                      b) Air current  
c) Magnetic attraction                      d) None
5. In weisbach's method the theodolite is setup slightly out of line forming as small triangle with the two wires and the triangle is known as [     ]  
a) Triangular error                      b) Weisbach's triangle                      c) Isosceles triangles                      d) None
6. Remote sensing can be defined as collecting information about a target [     ]  
a) Without seeing it                      b) By touching it  
c) Without a physical contact with it                      d) from a ground station
7. Line in polygon method is characteristic of [     ]  
a) Raster overlay                      b) Vector overlay                      c) Buffer operation                      d) Intersecting operation
8. The surface survey is connected to the underground survey through [     ]  
a) Shaft                      b) anadit                      c) both a&b                      d) neither a& b
9. Where entry to a mine is gained by means of a level (or) draft correlation may be carried out by [     ]  
a) Weisbach triangle method                      b) Direct traversing method  
c) co-planning method                      d) None
10. Plotting of the maps from photographs taken from the air can be done by [     ]  
a) Radian method                      b) Pre-pointing method  
c) post-pointing method                      d) Both a & b

Cont.....2

**II Fill in the blanks**

11. In \_\_\_\_\_ method the theodolite on the surface must be exactly aligned with plumb plane.
12. The satellite constellation of G.P.S consisting of \_\_\_\_\_ satellites
13. In G.P.S satellites are placed in orbits with orbital radius approximately of \_\_\_\_\_ km
14. Basic principle of R.S is \_\_\_\_\_
15. The basic principle of plane table photogrammetry is \_\_\_\_\_
16. G.I.S data types \_\_\_\_\_
17. Approximate alignment is \_\_\_\_\_ method.
18. E.D.M means \_\_\_\_\_ distance measurement
19. \_\_\_\_\_ is not suitable for flat and wooden country
20. Least count of E.D.M is \_\_\_\_\_

**-oOo-**

Code No:56096

Set No. 3

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

III B.Tech. II Sem., II Mid-Term Examinations, April – 2014

MINE SURVEYING-II

Objective Exam

Name: \_\_\_\_\_ Hall Ticket No. 

						A			
--	--	--	--	--	--	---	--	--	--

Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.

**I Choose the correct alternative:**

1. The field work of terrestrial photogrammetry consists of [     ]  
a) Reconnaissance    b) triangulation    c) camera work    d) All the above
2. Plumb bobs are normally made of lead which is un affected by [     ]  
a) Simple pendular motion    b) Air current  
c) Magnetic attraction    d) None
3. In weisbach's method the theodolite is setup slightly out of line forming as small triangle with the two wires and the triangle is known as [     ]  
a) Triangular error    b) Weisbach's triangle    c) Isosceles triangles    d) None
4. Remote sensing can be defined as collecting information about a target [     ]  
a) Without seeing it    b) By touching it  
c) Without a physical contact with it    d) from a ground station
5. Line in polygon method is characteristic of [     ]  
a) Raster overlay    b) Vector overlay    c) Buffer operation    d) Intersecting operation
6. The surface survey is connected to the underground survey through [     ]  
a) Shaft    b) anadit    c) both a&b    d) neither a&b
7. Where entry to a mine is gained by means of a level (or) draft correlation may be carried out by [     ]  
a) Weisbach triangle method    b) Direct traversing method  
c) co-planning method    d) None
8. Plotting of the maps from photographs taken from the air can be done by [     ]  
a) Radian method    b) Pre-pointing method  
c) post-pointing method    d) Both a & b
9. In case of low oblique photographs the lift of the camera ranges from [     ]  
a) 1° to 10°    b) 10° to 20°    c) 20° to 30°    d) None
10. Terrestrial stereo photogrammetry is a branch of [     ]  
a) Ground photogrammetry    b) Aerial photogrammetry  
c) aerial surveying    d) None

Cont.....2

**II Fill in the blanks**

11. In G.P.S satellites are placed in orbits with orbital radius approximately of \_\_\_\_\_ km
12. Basic principle of R.S is \_\_\_\_\_
13. The basic principle of plane table photogrammetry is \_\_\_\_\_
14. G.I.S data types \_\_\_\_\_
15. Approximate alignment is \_\_\_\_\_ method.
16. E.D.M means \_\_\_\_\_ distance measurement
17. \_\_\_\_\_ is not suitable for flat and wooden country
18. Least count of E.D.M is \_\_\_\_\_
19. In \_\_\_\_\_ method the theodolite on the surface must be exactly aligned with plumb plane.
20. The satellite constellation of G.P.S consisting of \_\_\_\_\_ satellites

-oOo-

Code No:56096

Set No. 4

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

III B.Tech. II Sem., II Mid-Term Examinations, April – 2014

MINE SURVEYING-II

Objective Exam

Name: \_\_\_\_\_ Hall Ticket No. 

						A			
--	--	--	--	--	--	---	--	--	--

Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.

**I Choose the correct alternative:**

1. In weisbach's method the theodolite is setup slightly out of line forming a small triangle with the two wires and the triangle is known as [     ]  
a) Triangular error    b) Weisbach's triangle    c) Isosceles triangles    d) None
2. Remote sensing can be defined as collecting information about a target [     ]  
a) Without seeing it    b) By touching it  
c) Without a physical contact with it    d) from a ground station
3. Line in polygon method is characteristic of [     ]  
a) Raster overlay    b) Vector overlay    c) Buffer operation    d) Intersecting operation
4. The surface survey is connected to the underground survey through [     ]  
a) Shaft    b) adit    c) both a&b    d) neither a&b
5. Where entry to a mine is gained by means of a level (or) draft correlation may be carried out by [     ]  
a) Weisbach triangle method    b) Direct traversing method  
c) co-planning method    d) None
6. Plotting of the maps from photographs taken from the air can be done by [     ]  
a) Radian method    b) Pre-pointing method  
c) post-pointing method    d) Both a & b
7. In case of low oblique photographs the lift of the camera ranges from [     ]  
a) 1° to 10°    b) 10° to 20°    c) 20° to 30°    d) None
8. Terrestrial stereo photogrammetry is a branch of [     ]  
a) Ground photogrammetry    b) Aerial photogrammetry  
c) aerial surveying    d) None
9. The field work of terrestrial photogrammetry consists of [     ]  
a) Reconnaissance    b) triangulation    c) camera work    d) All the above
10. Plumb bobs are normally made of lead which is unaffected by [     ]  
a) Simple pendular motion    b) Air current  
c) Magnetic attraction    d) None

Cont.....2

**II Fill in the blanks**

11. The basic principle of plane table photogrammetry is \_\_\_\_\_
12. G.I.S data types \_\_\_\_\_
13. Approximate alignment is \_\_\_\_\_ method.
14. E.D.M means \_\_\_\_\_ distance measurement
15. \_\_\_\_\_ is not suitable for flat and wooden country
16. Least count of E.D.M is \_\_\_\_\_
17. In \_\_\_\_\_ method the theodolite on the surface must be exactly aligned with plumb plane.
18. The satellite constellation of G.P.S consisting of \_\_\_\_\_ satellites
19. In G.P.S satellites are placed in orbits with orbital radius approximately of \_\_\_\_\_ km
20. Basic principle of R.S is \_\_\_\_\_

-oOo-