

***** EXAMINATION *****

IRREGULAR SURVEYS

1. **In 1871, Henry Bradley surveyed the south boundary of**
 - a) Township 16 North, Range 9 East, Mount Diablo Meridian
 - b) Township 17 North, Range 9 East, Mount Diablo Meridian
 - c) Township 18 North, Range 9 East, Mount Diablo Meridian
 - d) Township 19 North, Range 9 East, Mount Diablo Meridian

2. **The 1963 dependent survey showed the west line of Section 24,**
 - a) T 18 N, R 8 E, Mount Diablo Meridian as 80.00 chains
 - b) T 18 N, R 8 E, Mount Diablo Meridian as 80.50 chains
 - c) T 18 N, R 8 E, Mount Diablo Meridian as 80.70 chains
 - d) T 18 N, R 8 E, Mount Diablo Meridian as 80.90 chains

3. **The 1963 dependent survey showed the north line of Section 24,**
 - a) T 18 N, R 8 E, Mount Diablo Meridian as 80.00 chains
 - b) T 18 N, R 8 E, Mount Diablo Meridian as 80.50 chains
 - c) T 18 N, R 8 E, Mount Diablo Meridian as 80.74 chains
 - d) T 18 N, R 8 E, Mount Diablo Meridian as 80.90 chains

4. **The 1963 dependent survey showed the east line of Section 36,**
 - a) T 18 N, R 8 E, Mount Diablo Meridian as 81.00 chains
 - b) T 18 N, R 8 E, Mount Diablo Meridian as 81.46 chains
 - c) T 18 N, R 8 E, Mount Diablo Meridian as 81.74 chains
 - d) T 18 N, R 8 E, Mount Diablo Meridian as 81.90 chains

5. **The 1963 dependent survey showed the west line of Section 36,**
 - a) T 18 N, R 8 E, Mount Diablo Meridian as 81.00 chains
 - b) T 18 N, R 8 E, Mount Diablo Meridian as 91.46 chains
 - c) T 18 N, R 8 E, Mount Diablo Meridian as 100.98 chains
 - d) T 18 N, R 8 E, Mount Diablo Meridian as 111.90 chains

6. **In 1855, Nathaniel Ford surveyed and subdivided**
 - a) Township 32 South, Range 2 East, Willamette Meridian
 - b) Township 33 South, Range 2 East, Willamette Meridian
 - c) Township 34 South, Range 2 East, Willamette Meridian
 - d) Township 35 South, Range 2 East, Willamette Meridian

7. **Ford measured 79.78 chains for the north line of Section 35,**
 - a) Township 32 South, Range 2 East, Willamette Meridian
 - b) Township 33 South, Range 2 East, Willamette Meridian
 - c) Township 34 South, Range 2 East, Willamette Meridian
 - d) Township 35 South, Range 2 East, Willamette Meridian

8. **The original boundaries of the Potrero de la Cienega Grant**
 - a) were surveyed by John Hays
 - b) were surveyed by George Sandow
 - c) were surveyed by Percy Day
 - d) were surveyed by Manning Engineering Company

9. **The original boundaries of the Potrero de la Cienega Grant**
 - a) were difficult to resurvey because of dense chamiso
 - b) were difficult to resurvey because of frequent forest fires
 - c) were difficult to resurvey because of mountainous terrain
 - d) All of the above

10. **Corner No. 5 of the Potrero de la Cienega Grant was**
 - a) a stone
 - b) a live oak tree
 - c) a stake and mound of stones
 - d) None of the above

11. **Corner No. 11 of the Potrero de la Cienega Grant was**
 - a) a stone
 - b) live oak tree
 - c) stake and mound of stones
 - d) None of the above

12. **The live oak trees used as corner monuments by John Hays**
 - a) were susceptible to heart rot
 - b) were susceptible to fires
 - c) were close to many other scribed live oak trees
 - d) All of the above

13. **Parts of Township 43 North, Range 28 East, MDM were surveyed**
 - a) because of canyons
 - b) because of mountains
 - c) because of Indians
 - d) because of mining claims

14. **Improvements found in the 1873 survey of T 43 N, R28 E, MDM**

- a) included houses
- b) included fences
- c) included cultivated fields
- d) None of the above

15. **Topographic calls were used to restore**

- a) the NE corner of Section 17, T 43 N, R 28 E, MDM
- b) the NE corner of Section 20, T 43 N, R 28 E, MDM
- c) the NE corner of Section 30, T 43 N, R 28 E, MDM
- d) None of the above

16. **The SE corner of Section 30 was restored by**

- a) one point control
- b) two point control
- c) three point control
- d) single proportion

17. **The NE corner of Section 30 was restored by**

- a) one point control
- b) two point control
- c) three point control
- d) single proportion

18. **The SE corner of Section 20 was restored by**

- a) one point control
- b) two point control
- c) three point control
- d) single proportion

19. **The south line of Section 20 measured**

- a) 79.00 chains
- b) 80.00 chains
- c) 80.50 chains
- d) 80.75 chains

20. **The NE corner of Section 20 was restored by**

- a) one point control
- b) two point control
- c) three point control
- d) single proportion

21. **The NE corner of Section 8 was restored by**
- a) one point control
 - b) two point control
 - c) three point control
 - d) single proportion
22. **The NE corner of Section 17 was restored by**
- a) one point control
 - b) two point control
 - c) three point control
 - d) single proportion
23. **The NW corner of Section 8 was restored by**
- a) one point control
 - b) two point control
 - c) three point control
 - d) single proportion
24. **The SW corner of Section 8 was restored by**
- a) one point control
 - b) two point control
 - c) three point control
 - d) single proportion
25. **The north 1/4 corner of Section 8 was restored by**
- a) one point control
 - b) two point control
 - c) three point control
 - d) single proportion
26. **The north 1/4 corner of Section 17 was restored by**
- a) one point control
 - b) two point control
 - c) three point control
 - d) single proportion
27. **The south 1/4 corner of Section 20 was restored by**
- a) one point control
 - b) two point control
 - c) three point control
 - d) single proportion

28. **The east 1/4 corner of Section 16 was restored by**
- a) one point control
 - b) two point control
 - c) three point control
 - d) single proportion
29. **The SW corner of Section 30, T 43 N, R 28 E, MDM**
- a) was found
 - b) was lost
 - c) was restored by single proportion
 - d) was restored by double proportion
30. **The NW corner of Section 30, T 43 N, R 28 E, MDM**
- a) was lost
 - b) was restored by witness trees
 - c) was found
 - d) was restored by single proportion
31. **The NW corner of Section 20, T 43 N, R 28 E, MDM**
- a) was lost
 - b) was restored by witness trees
 - c) was found
 - d) was restored by single proportion
32. **In 1873, G.W. Garside surveyed the south boundary of**
- a) Township 43 North, Range 26 East, Mount Diablo Meridian
 - b) Township 43 North, Range 27 East, Mount Diablo Meridian
 - c) Township 43 North, Range 28 East, Mount Diablo Meridian
 - d) Township 43 North, Range 29 East, Mount Diablo Meridian
33. **In 1917, H.P. Purington surveyed the west boundary of**
- a) Township 43 North, Range 26 East, Mount Diablo Meridian
 - b) Township 43 North, Range 27 East, Mount Diablo Meridian
 - c) Township 43 North, Range 28 East, Mount Diablo Meridian
 - d) Township 43 North, Range 29 East, Mount Diablo Meridian
34. **In 1962, the NE corner of Section 34, T 43 N, R 27 E, MDM**
- a) was restored by single proportion
 - b) was restored by double proportion
 - c) was restored from building ties
 - d) None of the above

35. **The 1962 survey in T 43 N, R 27 E, MDM**
- a) noted that all original measurements were long
 - b) noted that all original measurements were short
 - c) noted that the original surveyor probably ran to the right
 - d) None of the above
36. **The 1962 survey in T 43 N, R 27 E, MDM**
- a) found a pipe at the E 1/4 corner of Section 27
 - b) found a scribed tree at the E 1/4 corner of Section 27
 - c) found no evidence at the E 1/4 corner of Section 27
 - d) found a stone at the E 1/4 corner of Section 27
37. **The 1962 survey in T 43 N, R 27 E, MDM**
- a) found a pipe at the E 1/4 corner of Section 34
 - b) found a scribed tree at the E 1/4 corner of Section 34
 - c) found no evidence at the E 1/4 corner of Section 34
 - d) found a stone at the E 1/4 corner of Section 34
38. **The 1962 survey in T 43 N, R 27 E, MDM**
- a) found a pipe at the S 1/4 corner of Section 27
 - b) found a scribed tree at the S 1/4 corner of Section 27
 - c) found no evidence at the S 1/4 corner of Section 27
 - d) found a stone at the S 1/4 corner of Section 27
39. **The 1962 survey in T 43 N, R 27 E, MDM**
- a) found a pipe at the S 1/4 corner of Section 26
 - b) found a scribed tree at the S 1/4 corner of Section 26
 - c) found no evidence at the S 1/4 corner of Section 26
 - d) found a stone at the S 1/4 corner of Section 26
40. **The original plat of T 43 N, R 27 E, MDM called for the**
- a) NE corner of Section 34 to be 1.10 chains west of Crain Creek
 - b) NE corner of Section 34 to be 1.30 chains west of Crain Creek
 - c) NE corner of Section 34 to be 1.50 chains west of Crain Creek
 - d) NE corner of Section 34 to be 1.80 chains west of Crain Creek
41. **By replacing the NE corner of Section 34 by double proportion,**
- a) the corner would be in Crain Creek
 - b) the corner would be on the wrong side of Crain Creek
 - c) the original survey topographic call would be correct
 - d) None of the above

42. **To use topographic calls for restoring a lost corner,**
- a) the corner should be nearby to the topographic feature
 - b) the topographic feature should be definite
 - c) the reliability of the topographic call should be proven
 - d) All of the above
43. **The 1962 survey in T 43 N, R 27 E, MDM restored the NE corner**
- a) of Section 34 by proportion in the north-south direction
 - b) of Section 34 by proportion in the east-west direction
 - c) of Section 34 using the record distance from Crain Creek
 - d) Both a and c
44. **Crain's Subdivision in T 65 S, R 33 E, Tallahassee Meridian**
- a) was north of the Gulf of Mexico
 - b) was west of the Gulf of Mexico
 - c) was south of Florida Bay
 - d) was south of the Atlantic Ocean
45. **The original posts in mounds of stone in Crain's Subdivision**
- a) were washed away by hurricanes
 - b) were found
 - c) were restored
 - d) None of the above
46. **The initial request for relocating SW corner of Section 19**
- a) T 65 S, R 33 E was denied because all lands were patented
 - b) T 65 S, R 33 E was denied because the corner was found
 - c) T 65 S, R 33 E was denied because the corner was lost
 - d) T 65 S, R 33 E was denied because the cost was significant
47. **The Act of September 21, 1918 required that**
- a) 1/4 of the private landowners request a survey
 - b) 1/2 of the private landowners request a survey
 - c) 3/4 of the private landowners request a survey
 - d) All of the private landowners request a survey
48. **Overlaying the recorded meanders on a USGS map indicated that**
- a) all meanders were close except the eroded Grassy Key beach
 - b) Florida Bay had moved
 - c) there was extensive reliction in the Toms Harbor Keys
 - d) All of the above

49. **The original meanders fit existing conditions where**
- a) there were lakes
 - b) there were abrupt coral ledges
 - c) there were accretions
 - d) there was reliction
50. **The record bearings of the meanders had to be rotated**
- a) ten minutes to the left to fit existing conditions
 - b) ten minutes to the right to fit existing conditions
 - c) forty minutes to the left to fit existing conditions
 - d) forty minutes to the right to fit existing conditions
51. **In 1969, original corners of Section 24, T 34 N, R 55 E, MDM**
- a) were found to be pipes
 - b) were found to be copperwelds
 - c) were found to be stones or charred stakes
 - d) All of the above
52. **In 1969, the eastern city limits of Elko, Nevada**
- a) was the west line of Section 13, T 34 N, R 55 E, MDM
 - b) was the west line of Section 14, T 34 N, R 55 E, MDM
 - c) was the west line of Section 15, T 34 N, R 55 E, MDM
 - d) was the west line of Section 16, T 34 N, R 55 E, MDM
53. **The N 1/4 corner of Section 24, T 34 N, R 55 E, MDM had**
- a) been recovered in 1931 by the Nevada Highway Department
 - b) been recovered in 1941 by the Nevada Highway Department
 - c) been recovered in 1951 by the Nevada Highway Department
 - d) been recovered in 1961 by the Nevada Highway Department
54. **The N 1/4 corner of Section 24, T 34 N, R 55 E, MDM was**
- a) 5.41 feet west of Station 139 + 30.95
 - b) 6.41 feet west of Station 139 + 30.95
 - c) 7.41 feet west of Station 139 + 30.95
 - d) 8.41 feet west of Station 139 + 30.95
55. **Highway ROW markers near the north line of Section 24**
- a) were not exactly on the section line
 - b) were used to restore the N 1/4 corner of Section 24
 - c) were used to re-establish Station 139 + 30.95
 - d) All of the above

56. **The Russell Addition Plat No 1A was a part of**
- a) Section 3, Township 10 North, Range 10 East, G & S.R
 - b) Section 4, Township 10 North, Range 10 East, G & S.R
 - c) Section 5, Township 10 North, Range 10 East, G & S.R
 - d) Section 6, Township 10 North, Range 10 East, G & S.R
57. **The Miller Patent was a part of the NE 1/4 of**
- a) Section 3, Township 10 North, Range 10 East, G & S.R
 - b) Section 4, Township 10 North, Range 10 East, G & S.R
 - c) Section 5, Township 10 North, Range 10 East, G & S.R
 - d) Section 6, Township 10 North, Range 10 East, G & S.R
58. **The west line of Township 28 North, Range 92 West, 6th PM**
- a) was a portion of the Eighth Auxiliary Guide Meridian West
 - b) was a portion of the Eleventh Auxiliary Guide Meridian West
 - c) was a portion of the Twelfth Auxiliary Guide Meridian West
 - d) was a portion of the Fourteenth Auxiliary Guide Meridian West
59. **The north line of Township 28 North, Range 92 West, 6th PM**
- a) was a portion of the Second Standard Parallel North
 - b) was a portion of the Third Standard Parallel North
 - c) was a portion of the Seventh Standard Parallel North
 - d) was a portion of the Tenth Standard Parallel North
60. **The 1965 survey of T 28 N, R 92 W, 6th PM noted**
- a) the type of slope at each corner
 - b) the fence lines near each corner
 - c) the topography near each corner
 - d) All of the above

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