

**GEOGRAPHIC INFORMATION SYSTEMS
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***** EXAMINATION *****

MINERAL SURVEYS

1. **Township 12 North, Range 9 West of the New Mexico P.M.**
 - a) was fractional due to the San Mateo Mountains
 - b) was fractional due to the San Pedro Lake
 - c) was fractional due to mineral claims
 - d) All of the above

2. **In 1873, George Pradt surveyed the**
 - a) east boundary of T 11 N, R 9 W of the NM P.M.
 - b) west boundary of T 12 N, R 9 W of the NM P.M.
 - c) south boundary of T 11 N, R 9 W of the NM P.M.
 - d) east boundary of T 11 N, R 9 W of the NM P.M.

3. **In 1884, William White subdivided most of**
 - a) Township 10 North, Range 9 West of the New Mexico P.M.
 - b) Township 11 North, Range 9 West of the New Mexico P.M.
 - c) Township 12 North, Range 9 West of the New Mexico P.M.
 - d) Township 13 North, Range 9 West of the New Mexico P.M.

4. **In 1930, Everett Kimmell dependently resurveyed the east boundary**
 - a) of Section 10, Township 12 North, Range 9 West of the NM P.M.
 - b) of Section 18, Township 12 North, Range 9 West of the NM P.M.
 - c) of Section 26, Township 12 North, Range 9 West of the NM P.M.
 - d) of Section 36, Township 12 North, Range 9 West of the NM P.M.

5. **The east boundary of Township 12 North, Range 9 West was the**
 - a) First Guide Meridian West
 - b) Second Guide Meridian West
 - c) Third Guide Meridian West
 - d) Fourth Guide Meridian West

6. **The 1892 Marmon plat detail showed**
 - a) a field in Section 21
 - b) a field in Section 23
 - c) a field in Section 25
 - d) a field in Section 27

7. **The 1892 Marmon plat detail showed the**
 - a) south line of the SE 1/4 of Section 36 as 39.36 chains
 - b) south line of the SE 1/4 of Section 36 as 39.66 chains
 - c) south line of the SE 1/4 of Section 36 as 39.96 chains
 - d) south line of the SE 1/4 of Section 36 as 40.00 chains

8. **The 1892 Marmon plat detail showed**
 - a) the west line of Section 26 as 80.00 chains
 - b) the west line of Section 26 as 80.05 chains
 - c) the west line of Section 26 as 80.15 chains
 - d) the west line of Section 26 as 80.20 chains

9. **The 1873 Pradt Survey showed Section 34**
 - a) having 2 fractional lots
 - b) having 3 fractional lots
 - c) having 4 fractional lots
 - d) having 5 fractional lots

10. **The 1873 Pradt Survey showed Section 33**
 - a) having 2 fractional lots
 - b) having 3 fractional lots
 - c) having 4 fractional lots
 - d) having 5 fractional lots

11. **The 1873 Pradt Survey showed Section 35**
 - a) having 1 fractional lot
 - b) having 2 fractional lots
 - c) having 3 fractional lots
 - d) having 4 fractional lots

12. **The 1873 Pradt Survey showed the north line of Section 27**
 - a) as 79.62 chains
 - b) as 79.72 chains
 - c) as 79.82 chains
 - d) as 79.92 chains

13. **The 1873 Pradt Survey showed the south line of Section 27**
 - a) as 79.62 chains
 - b) as 79.72 chains
 - c) as 79.82 chains
 - d) as 80.00 chains

14. **The 1873 Pradt Survey showed the west line of Section 27**
- a) as 79.62 chains
 - b) as 79.72 chains
 - c) as 79.82 chains
 - d) as 80.00 chains
15. **The 1873 Pradt Survey showed the east line of Section 27**
- a) as 79.62 chains
 - b) as 79.72 chains
 - c) as 79.82 chains
 - d) as 80.00 chains
16. **The Mount Taylor No. 1 claim was oversized on**
- a) one side
 - b) two sides
 - c) three sides
 - d) four sides
17. **The Mount Taylor No. 2 claim was oversized on**
- a) one side
 - b) two sides
 - c) three sides
 - d) four sides
18. **The Silver Perl No. 1 claim was oversized on**
- a) one side
 - b) two sides
 - c) three sides
 - d) four sides
19. **The corners of the Mount Taylor No. 1 claim were**
- a) iron pipes
 - b) concrete monuments
 - c) Either a or b
 - d) lode location posts
20. **The corners of the Mount Taylor No. 2 claim were**
- a) iron pipes
 - b) concrete monuments
 - c) Either a or b
 - d) lode location posts

21. **The corners of the Silver Perl No. 1 claim were**
- a) iron pipes
 - b) concrete monuments
 - c) Either a or b
 - d) lode location posts
22. **Lode claims cannot exceed**
- a) 1500 feet in length and 600 feet in width
 - b) 1200 feet in length and 600 feet in width
 - c) 1500 feet in length and 500 feet in width
 - d) 1200 feet in length and 500 feet in width
23. **In Township 10 North, Range 4 West of the Montana P.M.**
- a) Placer 472 was dependently resurveyed to locate a house
 - b) Placer 472 was dependently resurveyed to locate a road
 - c) Placer 472 was dependently resurveyed to locate a farm
 - d) Placer 472 was dependently resurveyed to locate a factory
24. **The west line of Township 1 North, Range 71 West of the 6th P.M.**
- a) was surveyed in 1871 by Frances Bryne
 - b) was surveyed in 1875 by Frances Bryne
 - c) was surveyed in 1880 by Frances Bryne
 - d) was surveyed in 1882 by Frances Bryne
25. **The decline of the mining industry and abandonment had made**
- a) many of the patented claims invalid under the mining laws
 - b) many of the unpatented claims invalid under the mining laws
 - c) many of the patented claims valid under the mining laws
 - d) None of the above
26. **Township 1 North, Range 71 West of the 6th P.M. was difficult**
- a) to survey because of Indians
 - b) to survey because of desert land
 - c) to survey because of moutains
 - d) All of the above
27. **The McKnight Placer in Section 20 conflicted with**
- a) the Charlotte location
 - b) the Southern Kansas location
 - c) the Vine Lode location
 - d) All of the above

28. **Areas less than**

- a) 0.01 acre cannot be lotted according the 1973 Manual
- b) 0.05 acre cannot be lotted according the 1973 Manual
- c) 0.07 acre cannot be lotted according the 1973 Manual
- d) 0.10 acre cannot be lotted according the 1973 Manual

29. **Areas less than 0.01 acre are transferred to**

- a) private ownership by proper patent procedure
- b) private ownership by squatting
- c) private ownership by bona fide rights
- d) Any of the above

30. **The dependent resurvey approved on March 13, 1963 showed**

- a) the south line of Section 18 as 75.12 chains
- b) the south line of Section 18 as 75.32 chains
- c) the south line of Section 18 as 75.72 chains
- d) the south line of Section 18 as 75.92 chains

31. **The dependent resurvey of the NE 1/4 of Section 20 noted the**

- a) Corner No. 5 of Mineral Survey 203 was restored by ties
- b) Corner No. 5 of Mineral Survey 203 was found
- c) Corner No. 5 of Mineral Survey 203 was lost
- d) None of the above

32. **Most of the lot corners in Section 20 were monumented with**

- a) stone monuments
- b) brass-capped iron posts
- c) copperweld stakes
- d) concrete monuments

33. **Section subdivision corners in Section 20 were monumented**

- a) with stone monuments
- b) with brass-capped iron posts
- c) with copperweld stakes
- d) with concrete monuments

34. **Custer City, South Dakota was originally surveyed by**

- a) F.W. VonBodengen in 1880
- b) F.W. VonBodengen in 1885
- c) F.W. VonBodengen in 1890
- d) F.W. VonBodengen in 1895

35. **The approximate center of the Custer City town site was**
- a) the NW corner of Section 23, T 3 S, R 4 E, B.H. Meridian
 - b) the NW corner of Section 24, T 3 S, R 4 E, B.H. Meridian
 - c) the NW corner of Section 25, T 3 S, R 4 E, B.H. Meridian
 - d) the NW corner of Section 26, T 3 S, R 4 E, B.H. Meridian
36. **The Mathew Daly Homestead was located in**
- a) Section 23, T 3 S, R 4 E, B.H. Meridian
 - b) Section 24, T 3 S, R 4 E, B.H. Meridian
 - c) Section 25, T 3 S, R 4 E, B.H. Meridian
 - d) Section 26, T 3 S, R 4 E, B.H. Meridian
37. **The Wilbur Todd Homestead was located in**
- a) Section 23, T 3 S, R 4 E, B.H. Meridian
 - b) Section 24, T 3 S, R 4 E, B.H. Meridian
 - c) Section 25, T 3 S, R 4 E, B.H. Meridian
 - d) Section 26, T 3 S, R 4 E, B.H. Meridian
38. **The 1972 BLM survey restored the SE corner of Section 24,**
- a) T 3 S, R 4 E, B.H. Meridian by single proportion
 - b) T 3 S, R 4 E, B.H. Meridian by double proportion
 - c) T 3 S, R 4 E, B.H. Meridian by the three-point method
 - d) T 3 S, R 4 E, B.H. Meridian by witness trees
39. **The 1972 BLM survey restored the S 1/4 corner of Section 24**
- a) T 3 S, R 4 E, B.H. Meridian by single proportion
 - b) T 3 S, R 4 E, B.H. Meridian by double proportion
 - c) T 3 S, R 4 E, B.H. Meridian by the three-point method
 - d) T 3 S, R 4 E, B.H. Meridian by witness trees
40. **The 1972 BLM survey restored Corner No. 1, Custer Town Site**
- a) by single proportion
 - b) by double proportion
 - c) by the three-point method
 - d) by witness trees
41. **The 1972 BLM survey showed Lot 20, Section 23,**
- a) T 3 S, R 4 E, B.H. Meridian, as 20.48 acres
 - b) T 3 S, R 4 E, B.H. Meridian, as 22.48 acres
 - c) T 3 S, R 4 E, B.H. Meridian, as 24.48 acres
 - d) T 3 S, R 4 E, B.H. Meridian, as 26.48 acres

42. **The 1972 BLM survey showed Lot 18, Section 23,**

- a) T 3 S, R 4 E, B.H. Meridian, as 2.48 acres
- b) T 3 S, R 4 E, B.H. Meridian, as 3.48 acres
- c) T 3 S, R 4 E, B.H. Meridian, as 4.48 acres
- d) T 3 S, R 4 E, B.H. Meridian, as 5.40 acres

43. **The 1972 BLM survey showed Lot 10, Section 22,**

- a) T 3 S, R 4 E, B.H. Meridian, as 30.30 acres
- b) T 3 S, R 4 E, B.H. Meridian, as 33.48 acres
- c) T 3 S, R 4 E, B.H. Meridian, as 34.48 acres
- d) T 3 S, R 4 E, B.H. Meridian, as 35.40 acres

44. **The 1972 BLM survey showed Lot 7, Section 22,**

- a) T 3 S, R 4 E, B.H. Meridian, as 20.30 acres
- b) T 3 S, R 4 E, B.H. Meridian, as 22.48 acres
- c) T 3 S, R 4 E, B.H. Meridian, as 24.74 acres
- d) T 3 S, R 4 E, B.H. Meridian, as 35.40 acres

45. **The 1972 BLM survey showed Lot 12, Section 24,**

- a) T 3 S, R 4 E, B.H. Meridian, as 30.30 acres
- b) T 3 S, R 4 E, B.H. Meridian, as 32.48 acres
- c) T 3 S, R 4 E, B.H. Meridian, as 34.74 acres
- d) T 3 S, R 4 E, B.H. Meridian, as 39.62 acres

46. **The 1972 BLM survey showed Lot 11, Section 24,**

- a) T 3 S, R 4 E, B.H. Meridian, as 30.30 acres
- b) T 3 S, R 4 E, B.H. Meridian, as 32.48 acres
- c) T 3 S, R 4 E, B.H. Meridian, as 34.25 acres
- d) T 3 S, R 4 E, B.H. Meridian, as 39.62 acres

47. **The 1972 BLM survey showed Lot 13, Section 24,**

- a) T 3 S, R 4 E, B.H. Meridian, as 30.30 acres
- b) T 3 S, R 4 E, B.H. Meridian, as 32.19 acres
- c) T 3 S, R 4 E, B.H. Meridian, as 34.25 acres
- d) T 3 S, R 4 E, B.H. Meridian, as 39.62 acres

48. **The 1972 BLM survey showed Lot 16, Section 24,**

- a) T 3 S, R 4 E, B.H. Meridian, as 20.30 acres
- b) T 3 S, R 4 E, B.H. Meridian, as 22.48 acres
- c) T 3 S, R 4 E, B.H. Meridian, as 26.90 acres
- d) T 3 S, R 4 E, B.H. Meridian, as 29.62 acres

49. **The 1972 BLM survey showed Lot 14, Section 24,**
- a) T 3 S, R 4 E, B.H. Meridian, as 10.30 acres
 - b) T 3 S, R 4 E, B.H. Meridian, as 12.48 acres
 - c) T 3 S, R 4 E, B.H. Meridian, as 13.00 acres
 - d) T 3 S, R 4 E, B.H. Meridian, as 14.62 acres
50. **The 1972 BLM survey showed Lot 9, Section 24,**
- a) T 3 S, R 4 E, B.H. Meridian, as 20.30 acres
 - b) T 3 S, R 4 E, B.H. Meridian, as 22.92 acres
 - c) T 3 S, R 4 E, B.H. Meridian, as 24.00 acres
 - d) T 3 S, R 4 E, B.H. Meridian, as 25.62 acres
51. **The north-south quarter section line of Section 24,**
- a) T 3 S, R 4 E, B.H. Meridian passes over the east line of Lot 14
 - b) T 3 S, R 4 E, B.H. Meridian passes over the east line of Lot 15
 - c) T 3 S, R 4 E, B.H. Meridian passes over the east line of Lot 16
 - d) T 3 S, R 4 E, B.H. Meridian passes over the east line of Lot 17
52. **The north-south quarter section line of Section 24,**
- a) T 3 S, R 4 E, B.H. Meridian passes over the east line of Lot 11
 - b) T 3 S, R 4 E, B.H. Meridian passes over the east line of Lot 12
 - c) T 3 S, R 4 E, B.H. Meridian passes over the east line of Lot 13
 - d) T 3 S, R 4 E, B.H. Meridian passes over the east line of Lot 15
53. **The east-west quarter section line of Section 24,**
- a) T 3 S, R 4 E, B.H. Meridian passes over the north line of Lot 13
 - b) T 3 S, R 4 E, B.H. Meridian passes over the north line of Lot 14
 - c) T 3 S, R 4 E, B.H. Meridian passes over the north line of Lot 15
 - d) T 3 S, R 4 E, B.H. Meridian passes over the north line of Lot 16
54. **The north line of Section 24, T 3 S, R 4 E, B.H. Meridian**
- a) passes over the north line of Lot 11
 - b) passes over the north line of Lot 13
 - c) passes over the north line of Lot 15
 - d) passes over the north line of Lot 17
55. **The west line of Section 24, T 3 S, R 4 E, B.H. Meridian**
- a) passes over the west line of Lot 11
 - b) passes over the west line of Lot 12
 - c) passes over the west line of Lot 15
 - d) passes over the west line of Lot 18

56. **The east line of Section 24, T 3 S, R 4 E, B.H. Meridian**

- a) passes over the east line of Lot 9
- b) passes over the east line of Lot 11
- c) passes over the east line of Lot 12
- d) passes over the east line of Lot 13

57. **The east line of Section 23, T 3 S, R 4 E, B.H. Meridian**

- a) passes over the east line of Lot 10
- b) passes over the east line of Lot 11
- c) passes over the east line of Lot 12
- d) passes over the east line of Lot 17

58. **The north line of Section 23, T 3 S, R 4 E, B.H. Meridian**

- a) passes over the north line of Lot 10
- b) passes over the north line of Lot 12
- c) passes over the north line of Lot 14
- d) passes over the north line of Lot 20

59. **The north line of Section 22, T 3 S, R 4 E, B.H. Meridian**

- a) passes over the north line of Lot 5
- b) passes over the north line of Lot 7
- c) passes over the north line of Lot 14
- d) passes over the north line of Lot 20

60. **The west line of Section 22, T 3 S, R 4 E, B.H. Meridian**

- a) passes over the west line of Lot 5
- b) passes over the west line of Lot 7
- c) passes over the west line of Lot 8
- d) passes over the west line of Lot 9

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