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Surveying MCQ Test

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Below is the **Surveying MCQ** test that checks your basic knowledge of Surveying. This **Surveying MCQ Test** contains 20 Multiple Choice Questions. You have to select the right answer to the question. Finally, you can also take the Online Quiz from the Take **Surveying Quiz** Button.

Q1. Which of the following is one of the principles of surveying?

- A. Covering entire area
- B. Taking measurements
- **C. Working from whole to part**
- D. Determining the elevation differences

Q2. is made in connection with the construction of streets, water supply systems, sewers.

- **A. City surveying**
- B. Traverse surveying
- C. Cadastral surveying
- D. Hydrographic surveying

Q3. Which type of surveying is used for exploring mineral wealth?

- A. Military surveying
- **B. Mine surveying**
- C. Engineering surveying
- D. Topographic surveying

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Q5. Which of the following instrument registers the total distance covered by any number of pace?

- A. Chaining
- B. Odometer
- C. **Pedometer**
- D. Passometer

Q6. In which type of surveying only linear measurements are made?

- A. Contouring
- B. Dumpy level
- C. **Chain surveying**
- D. Theodolite surveying

Q7. What is the size of a plane table?

- A. **600 mm × 750 mm**
- B. 450 mm × 600 mm
- C. 750 mm × 900 mm
- D. None of the above

Q8. Hydrographic surveys deal with the mapping of

- A. Heavenly bodies
- B. Canal system
- C. **Large water bodies**
- D. All of the above

Q9. The intercept of a staff

- A. Increases if the staff is tilted towards normal.
- B. Decreases if the staff is tilted away from normal
- C. **Is minimum if the staff is held truly normal to the line of sight.**
- D. Is maximum if the staff is held truly normal to the line of sight.

Q10. The radius of curvature of the arc of the bubble tube is generally kept

- A. 50 m
- **B. 100 m**
- C. 25 m
- D. 150 m

Q11. In chain surveying tie lines are primarily provided

- A. to take offsets for detail survey
- B. to check the accuracy of the survey
- **C. to avoid long offsets from chain lines**
- D. to increase the number of chain lines.

Q12. Closed contours of decreasing values towards their centre, represent

- A. A hill
- B. A river bed.
- **C. A depression**
- D. A saddle or pass

Q13. A bearing of a line is also known as

- A. Azimuth
- **B. True bearing**
- C. Magnetic bearing
- D. Reduced bearing

Q14. The most reliable method of plotting a theodolite traverse is

- A. by the tangent method of plotting.
- B. by consecutive co-ordinates of each station
- **C. by independent co-ordinates of each station**
- D. by plotting included angles and scaling off each traverse leg

Q15. For a closed traverse the omitted measurements may be calculated

- A. Length of one side only
- B. Bearing of one side only
- C. Length or bearing of adjacent side
- **D. All of the above**

Q16. The main principle of surveying is to work

- A. from part to the whole
- **B. from whole to the part**
- C. from lower level to higher level.
- D. from higher level to the lower level

Q17. The sensitiveness of a level tube decreases if

- A. Diameter of the tube is increased
- B. Length of the vapour bubble is increased
- **C. Both viscosity and surface tension are increased.**
- D. Radius of curvature of its inner surface is increased

Q18. The limiting length of an offset does not depend upon

- A. Scale of plotting
- B. Accuracy of the work
- **C. Indefinite features to be surveyed.**
- D. Method of setting out perpendiculars

Q19. The accuracy of measurement in chain surveying, does not depend upon

- A. Length of the offset
- B. Scale of the plotting
- C. Importance of the features
- **D. General layout of the chain lines**

Q20. The line of collimation method of reduction of levels, does not provide a check on

- A. Fore sights
- B. Back sights
- C. Reduced levels.

- **D. intermediate sights**

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