

Complete the sequence for layout of sewer:

1. Setting out 2. Alignment and gradient 3. Excavation,
timbering, dewatering 4. _____ 5. _____ 6. _____

(A) Testing, Backfilling, Laying and Jointing

(B) Laying and Jointing, Backfilling, Testing

(C) Laying and Jointing, Testing, Backfilling

(D) Backfilling, Laying and Jointing, Testing

ANSWER: (C) Laying and Jointing, Testing, Backfilling

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Manhole spacing should never exceed

- (A) 250 m**
- (B) 200 m**
- (C) 300 m**
- (D) 150 m**

ANSWER: (D) 150 m

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To check straightness, alignment and obstruction in sewer _____ and _____ is performed

- (A) Ball test, water test
- (B) Mirror test, ball test
- (C) Water test, mirror test
- (D) Water test, air test

ANSWER: (B) Mirror test, ball test

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To check leakage or crack or gap in sewer, test that can be performed is

- (A) Gas test
- (B) Air test
- (C) Water test
- (D) All of the above

ANSWER: (D) All of the above

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To collect grits and sand from flowing wastewater,
_____ is used

- (A) Clean outs
- (B) Catch basins
- (C) Traps
- (D) Man holes

ANSWER: (B) Catch basins

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For inspection, cleaning and testing of sewer lines, _____ are used

- (A) Man holes
- (B) Siphons
- (C) Clean outs
- (D) Traps

ANSWER: (A) Man holes

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A lamphole is located on a sewer line when

- (A) There is change in gradient or alignment between 2 closely spaced manholes
- (B) Construction of manhole is difficult
- (C) Both (A) and (B)
- (D) None of the above

ANSWER: (C) Both (A) and (B)

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When sewer fails to generate self cleansing velocity,
_____ are used

- (A) Traps
- (B) Flush tanks
- (C) Lampholes
- (D) None of the above

ANSWER: (B) Flush tanks

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An inverted siphon

- (A) Runs under pressure more than atmospheric pressure**
- (B) Is also known as depressed sewer**
- (C) Helps carrying sewage under obstruction**
- (D) All of the above**

ANSWER: (D) All of the above

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