

QUIZ NO: 848

TOPIC: HYDROLOGY

DATE: 13/08/2024

1. The following is not a direct stream flow determination technique:

- [A] Dilution method
- [B] Ultrasonic method
- [C] Area velocity method
- [D] Slope area method

Answer: D

2. The concept of Synthetic hydrograph is applied to:

- [A] Ungauged catchments
- [B] Small catchments
- [C] Large catchments
- [D] None of the above

Answer: A

3. The use of rational formula for estimating floods is limited to catchments

of size less than:

- [A] 5000 sq km
- [B] 500 sq km
- [C] 50 sq km
- [D] 5 sq km

Answer: C

4. Calibration of current meter, for use in channel flow measurement is done in a.....?

- [A] Wind tunnel
- [B] Water tunnel
- [C] Towing tank
- [D] Flume

Answer: C

5. Discharge per unit draw down at a well is known as:

- [A] Specific retention
- [B] Specific capacity
- [C] Specific yield
- [D] Specific storage

Answer: B

6. The theory of ground water movement around wells is based on:

- [A] Newton's law
- [B] Stoke's law
- [C] Darcy's law
- [D] Horton's equation

Answer: C

7. Dupuit's assumptions are valid for:

- [A] Artesian aquifer
- [B] Confined aquifer
- [C] Leaky aquifer
- [D] Unconfined aquifer

Answer: D

8. A plot between discharge and depth of water in the channel is called.....:

- [A] Hydrograph
- [B] Hyetograph
- [C] Stage discharge curve
- [D] None of the above

Answer: C

9. The line joining points of same time of concentration is called?

- [A] Isotach
- [B] Isochrone
- [C] Isohume
- [D] Isohaline

Answer: B

10. Which catchment area run off will be more?

- [A] Fan shaped
- [B] Tree shaped
- [C] Fern shaped
- [D] Circular

Answer: A

Join our social media platforms

