



9497498415

ANSWER KEY

QUIZ NO: 751

TOPIC: HYDROLOGY

DATE: 22/08/2023

- 1. A tropical cyclone in a northern hemisphere is a wind stream with:
 - [A] High pressure zone of anticlockwise rotation
 - [B] High pressure zone of clockwise rotation
 - [C] Low pressure zone of anticlockwise rotation
 - [D] Low pressure zone of clockwise rotation

Answer: C

- 2. Which of the following statements is true, in the case of 'fern leaf catchment area?
 - [A] It gives greater runoff
 - [B] Time of flow is smaller and same
 - [C] Time of concentration is more
 - [D] Discharge is distributed over a short period

Answer: C





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3.	A geological formation which is essentially impermeable for flow of
	water, even though it may contain water in its pores, is called
	[A] Aquifer
	[B] Aquifuge
	[C] Aquitard
	[D] Aquiclude
	Answer: D
4.	An aquifer confined at the bottom and not at the top is called:
	[A] Leaky aquifer
	[B] Unconfined aquifer
	[C] Confined aquifer
	[D] Perched aquifer
	Answer: B
5.	A geological formation, which not only stores water but yields it in sufficient quantity, is known as:
	[A] Aquifuge
	[B] Aquifer
	[C] Aquiclude
	[D] Aquitard

Answer: B

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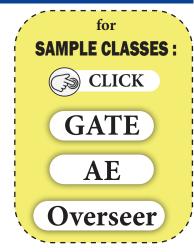
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6.	Runoff is	usually re	presented in:
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- [A] m³/hr
- [B] m/s
- [C] cm
- $[D] m^3$

Answer: A

7. A plot of discharge versus time is called?

- [A] Hydrograph
- [B] Hyetograph
- [C] Mass curve
- [D] Flow duration curve

Answer: A

- 8. If a ground water body is separated from main ground water by a relatively impermeable stratum of small areal extent located above main ground water body, then what type of aquifer it is?
 - [A] Perched aquifer
 - [B] Confined aquifer
 - [C] Artesian aquifer
 - [D] None of these

Answer: A





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9. 9. A geological formation	which contain	s water a	and transmits	water at
a very slow rate is called:				

- [A] Aquifer
- [B] Aquifuge
- [C] Aquitard
- [D] Aquiclude

Answer: C

- 10. A watershed got transformed from rural to urban over a period of time. The effect of urbanization on storm runoff hydrograph from the watershed is to...
 - [A] decrease the volume of runoff
 - [B] increase the time to peak discharge
 - [C] decrease the time base
 - [D] decrease the peak discharge

Answer: C

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