1. The radius measured from the centre of the well to the point where drawdown curve meets the original water table is known as ....:

[A] Radius of well

[B] Draw down

[C] Radius of influence

[D] None of the above

Answer: C

2. For one dimensional flow without recharge in unconfined aquifer between two water bodies, the steady water table profile is

[A] An ellipse

[B] A parabola

[C] A straight line

[D] An arc of a circle

Answer: B

3. Which of the following equation is used in hydrologic flood routing?

[A] Continuity equation

[B] Momentum equation

[C] Energy equation

[D] Equation of motion

Answer: A

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

[A] Hydrograph

[B] Hyetograph

[C] Stage discharge curve

[D] None of these

Answer: C

5. A flood with a recurrence interval of 2.33 years is known as:

[A] Probable maximum flood

[B] Standard project flood

[C] Mean annual flood

[D] None of the above

Answer: C

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Quiz

ANSWER KEY

6. **In which catchment area run off will be more?**

   [A] Tree shaped

   [B] Fan shaped

   [C] Fern shaped

   [D] Circular

   Answer: B

7. **Infiltration capacity depends upon:**

   [A] Rainfall intensity

   [B] Initial moisture condition of soil

   [C] Soil characteristics & ground slope

   [D] All the above

   Answer: D

8. **The line joining points of same time of concentration is called:**

   [A] Isotach

   [B] Isochrone

   [C] Isohume

   [D] Isohaline

   Answer: B

9. **In a storm hydrograph, generally:**

[A] Climatic factors controls the recession time

[B] The rising limb is determined essentially by catchment characteristics

[C] The recession limb is independent of catchment characteristics

[D] The climatic factors control the rising limb

Answer: D

10. **The shape of the recession limb of a hydrograph depends on**

[A] Basin as well as storm characteristics

[B] Storm characteristics only

[C] Basin characteristics only

[D] Base flow only

Answer: C