

Q : The process of rubbing down the wood surface by means of pumice stone or glass paper after the prime coat is applied and then filling up all cracks, nail holes, dents, open joints, etc. with putty is known as_____.

[Punjab JE PSPCL]

A : Preparation of surface

B : Stopping

C : Under coating

D : Knotting



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Q : A vane, 10 cm long and 8 cm in diameter, was pressed into soft clay at the bottom of a bore hole. Torque was applied and gradually increase to 45 N - m when failure took place. Subsequently, the vane rotated rapidly so as to completely remoulded the soil. If the remoulded soil was sheared at a torque of 18N -m, then the value of the clay in the remoulded state is:
[Punjab JE PSPCL]

A : 1.14.1 KN/m²

B : 2.10 KN/m²

C : 3.16 KN/m²

D : 4.12 KN/m²

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EVEREXAM

Q : If the tangent length for a simple curve is 12 m and the chain age of the point of intersection is 360 m, then the chain age of the starting point of the curve is: [Punjab JE PSPCL]

A : 1.325 m

B : 2.355 m

C : 3.335 m

D : 4.348 m



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EVEREXAM

Q : The process of determining the plotted position of the station occupied by the plane table by means of sights taken towards known points, locations of which have been plotted is known as ____ [Punjab JE PSPCL]

- A : Radiation
- B : Intersection
- C : Traverse
- D : Resection



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Q : The process of turning the telescope in a horizontal plane is known as___ [Punjab JE PSPCL]

A : Transiting

B : Plunging

C : Telescope normal

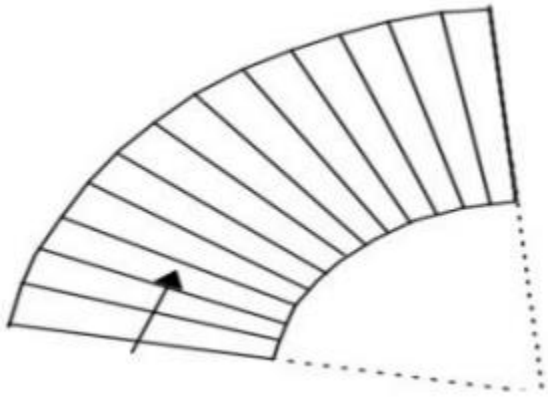
D : swinging the telescope



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Q : Identify the type of stairs in the given figure: [Punjab JE PSPCL]



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- A : Quarter turn stairs
- B : Helicoidal stairs
- C : Spiral stairs
- D : Open well stairs



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Q : The type of aggregates in which the least lateral dimension (thickness) should be less than 0.6 times the mean dimension are called _____ aggregates.

[DMRC JE]

A : Irregular

B : Elongated

C : Rounded

D : Flaky



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EVEREXAM

Q : For concrete that needs to be used for wearing surface, such as run ways, roads and pavements, according to IS 283-1970, the aggregate impact value shall not exceed % by weight. [DMRC JE]

A : 35

B : 45

C : 25

D : 30



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Q : What is the range of slump value for the low degree of workability of concrete [DMRC JE]

A : 100-150mm

B : 10-25mm

C : 25-50mm

D : 50-100mm



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EVEREXAM

Q : Which of the following rain gauge measures the rainfall of 1.25 cm received in the measuring glass collected through funnel when it is full?

[DMRC JE]

- A : Siphon rain gauge
- B : Weighing bucket rian gauge
- C : Tipping bucket rain gauge
- D : Symon's rain gauge



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Q : What is the unit of measurement for the honeycomb brick work?

[DMRC JE]

A : m^3

B : Ampere

C : m^2

D : Per metre



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Q : Which of the following is NOT an effect of water logging in irrigation?
[DMRC JE]

A : Promotes soil aeration

B : Difficulty in cultivation operations

C : Accumulations of salts

D : Weed growth



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Q : The type of cross-drainage structures in which the full supply level(FSL) of a canal is much higher than the high flood level (HFL) of a stream are:

[DMRC JE]

A : Head regulator

B : Aqueduct

C : Supper passage

D : Level crossing



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Q : What is the bulk density of 'Sand'? [DMRC JE]

A : 2,500 - 2,700 kg/m³

B : 1,520 - 1,680 kg/m³

C : 500 - 600 kg/m³

D : 1,600 - 1,800 kg/m³



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Q : An authorised surveyor measured the distance between two points on the plan drawn to a scale of $1 \text{ cm} = 50 \text{ m}$. The distance was found to be 500 m. However, he verified that the mistakenly used a scale of $1 \text{ cm} = 25 \text{ m}$. Then what is the actual/correct distance between the two points?

[DMRC JE]

A : 1.350 m

B : 850 m

C : 1,000 m

D : 1,250 m



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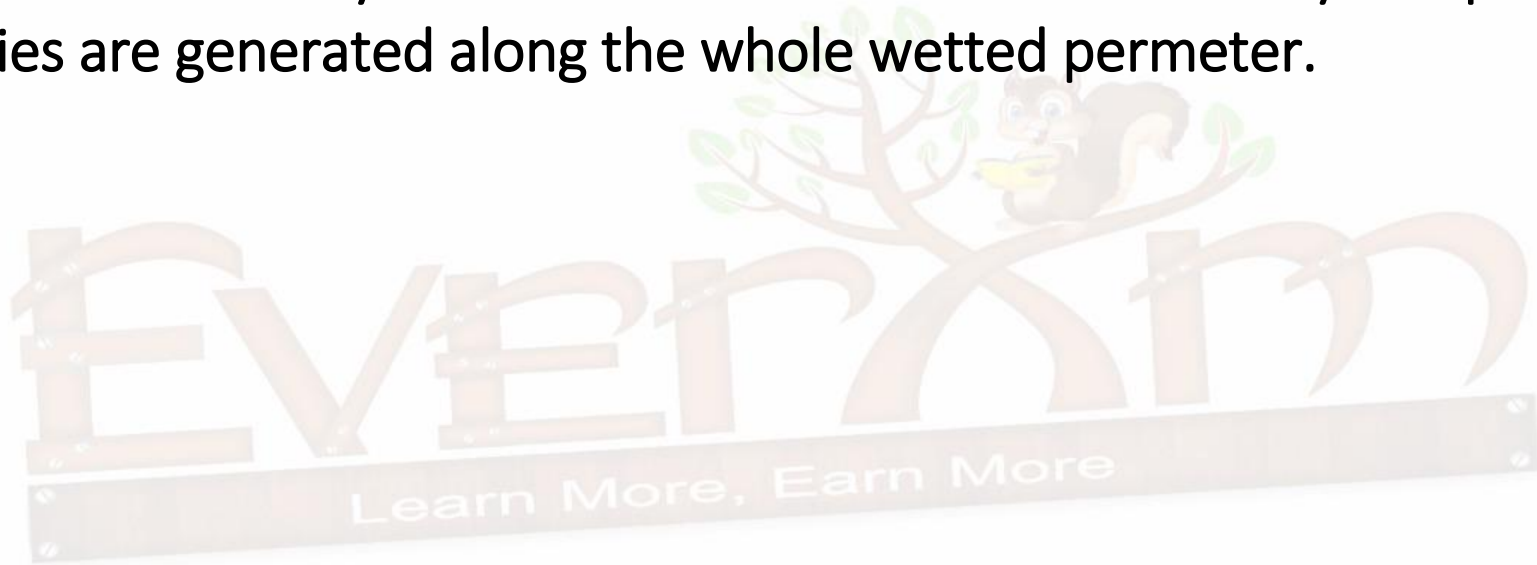
Q : Select the correct statement with respect to Kennedy's theory of design of canals. [DMRC JE]

A : The mean diameter of the bed material is related to " silt factor"

B : Kennedy considers regime channels

C : The critical velocity ratio factor is used for critical velocity computation.

D : Eddies are generated along the whole wetted perimeter.



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Q : If the soil stays at the place of its formation just above the parent rock, it is called [DMRC JE]

A : Alluvial soil

B : Lacustrine soil

C : Residual soil

D : Aeolian soil



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EVEREXAM

Q : In which of the soil classification systems are the fine - grained soil subdivided into low, medium and high compressibility? [DMRC JE]

A : AASHTO classification

B : Indian standard classification

C : Unified soil classification

D : MIT soil classification



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Q : The maximum permissible limit of organic solids present in the mixing water for concrete is: [DMRC JE]

A : 500 mg/l

B : 200 mg/l

C : 3,000 mg/l

D : 2,000 mg/l



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Q : The correction for hydrometer test reading for particle size determination with respect to addition of dispersing agent is: [DMRC JE]

A : Zero

B : Positive

C : Constant

D : Negative



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