

GATE 2021 Agriculture Memory-Based Questions – CollegeDekho Exclusive

<p>Find out the most incorrect statements while satisfying the given constrains (A) The 2 cars have been parked between Q and V (B) The car V is the only car which is parked in between R and S. (C) The car P is parked at one of the extreme end. (D) The car Q and R are not parked next to each other. Answer- (A) The 2 cars have been parked between Q and V</p>	<p>The people _____ were at demonstration were from all sections of society Answer - who</p>
<p>Find out the number from the given options, which is exactly divisible by $(1113 + 1)$? Answer- 1152 - 1</p>	<p>The X is a continuous random variable, having range between $[0,100]$. The probability density function, $f(x) = 0.01$. Find out the mean of X is _____. Answer- 50</p>
<p>Find out the trace of the matrix- (a) 18 (b) 16 (c) 14 (d) 20 – Answer - 18</p>	<p>- The unaffected wind velocity flowing in a windmill is 15 km/hr. The windmill attacked the rotor such that the down steam velocity is reduced to 1/3rd of unaffected wind velocity. Find out the maximum thrust force (in N) on the rotor if the diameter of the rotor is 2 m and the density of air is 1.2 kg/m^3 . Answer- 116.31 [116-117]</p>
<p>The two observation wells penetrated into a confined aquifer and located 1.4 km apart in the direction of flow. The head difference between two walls 4 m. If the coefficient of the permeability of the aquifer is 3.5 m/day and porosity is 40%. The time (in days) of travel of an inert tracer from one well to another well is – Answer- 56000 [56000 – 56000]</p>	<p>Thousand kg of potato are dried from 14 to 93% Solids. Considering 7% peeling loss, find out the product yield. Answer- 14 [14 – 14]</p>
<p>The water content and the specific gravity of a soil is 20% and 2.7 respectively. The wet bulk density is 1.8 gm/cm^3 . Find out the dry density (gm/cm^3) and the porosity. Answer- (a) 1.5 and .42</p>	<p>The drawdown in a confined aquifer at a distance of 0.3 and 0.9 m from the centre of the well has been found to be 1.17 and 0.8 m respectively. The discharge rate of the aquifer is 1500 ltr/s. with a thickness of 20 m. Find out the drawdown at well in m. Diameter of well is 30 cm Answer- 1.403</p>