

Q. NO.	Question Content	Option 1	Option 2	Option 3	Option 4
1	Reservoir Simulation uses what means?	Numerical	Analytical	Experimental	None of the above
2	Which equations are used in reservoir simulation?	Equation of State	Conservation of Mass	Darcy's Law	All of the above
3	What is the purpose of reservoir	Seismic interpretation	Nodal analysis	Optimize recovery	Log interpretation
4	Static model includes	Pressure data	Geological data	production data	Geological and production data
5	Reservoir heterogeneity can be assessed on	Micro and Macro	Mega	Giga	All of the above
6	Model complexity depends on	No. of phases	No. of dimensions	Segmentation	All of the above
7	A vector is	Includes several values	has direction and magnitude	a column of numbers	All of the above
8	If a is a scalar, del-a is	Vector	Scalar	Scalar and Vector	None of the above
9	The divergence of a vector is a	Vector	Scalar	Neither	Both vector and scalar
10	Darcy velocity is	Viscosity * Porosity	FVF * Area	Molibity * Pressure Gradient	None of the above
11	In the case of anisotropy, permeability becomes a	Scalar	Tensor	Vector	None of the above
12	Use of capillary pressure is	Determination of permeability	Determination of the original saturations at initial conditions	Determining where to land a well	Determination of Resistivity of the formation
13	Fractional flow curve uses	Arp's Method	Welge's method	Fetkovitch Method	Vogel's Method
14	Which all are the reservoir flow forces?	Viscous forces	Gravity forces	Capillary forces	All of the above
15	Gravity number is	Ratio of viscous to gravity forces	Ratio of caillary to viscous forces	Ratio of viscous to capillary forces	Ratio of gravity to viscous forces