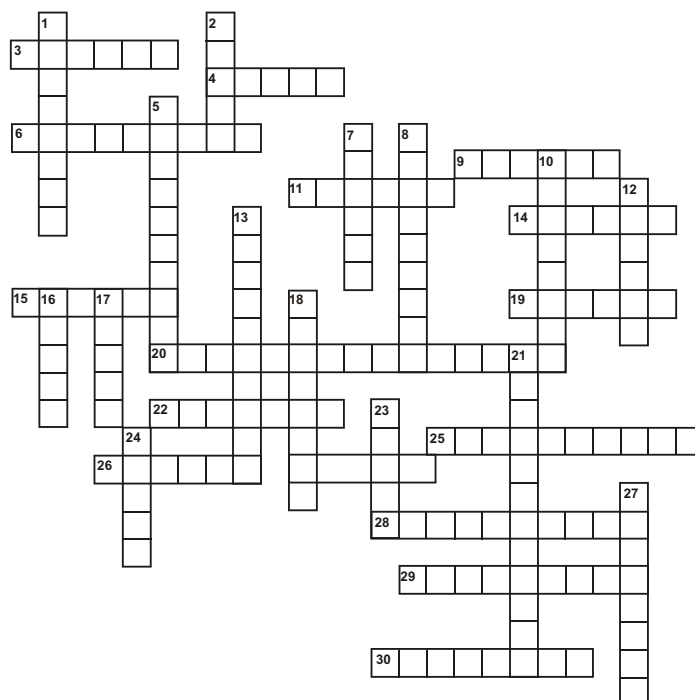


Geopuzzle

Complete the crossword below



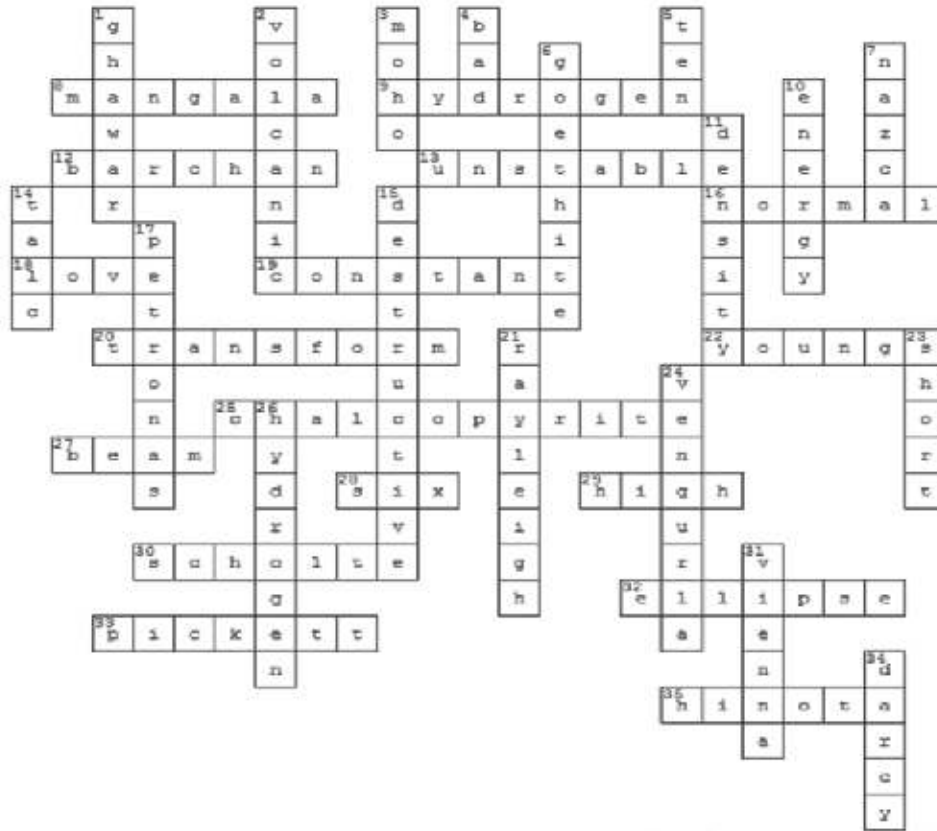
Across

3. Kepler's.....law is based on conservation of angular momentum
4. An autonomous satellite navigation system being developed by the ISRO for Indian Government
6.reflectance is a key method for identifying maturity of source rock
9. Burgan oil field is located in.....
11. Eta 'n' account for the.....order NMO correction
14. In un-migrated time section, syncline may look like.....
15. First oil well of India.....
19. RRR triple junction is always.....
20. Sea Bed Logging technique uses.....Signal for hydrocarbon exploration
22.The impulse response of pre stack time migration is.....
25.is a technique of velocity estimation and refinement
26. Plannet having density less than water.....
28. Rock texture i.e. lamination, fractures or cracks causes.....in rocks
29.line is an empirical linear relation between seismic P-wave velocity and S-wave velocity in brine-saturated siliciclastic rocks.
30. Post-rift prospective formation of Cauvery Basin

Down

1. The age of lignite deposits of neyveli.....
2. Linear event in t-x domain is.....in tau p domain
5. A variety of coal having highest carbon content.....
7. NMR log is effectively responds to.....
8. Discontinuity at the depth of 2900 km is known as.....
10. Shear wave cannot propagate in.....media
12. The impulse response of post stack time migration is.....
13. Dominant process of heat transport in the lithosphere is.....
16.rays is used to convert Time migrated date to depth
17. The biotite is also called.....Mica
18. Laurasia and Gondwanaland began to break up in.....
21. P wave is.....wave
23. GM counter used to measure.....intensity
24. Most prolific producing formation in North Cambay Basin.....
27.is the most abundant element in solar system

Solution to Geopuzzle (July 2013 issue)



Across

8. is oil field in Rajasthan area (**mangala**)
9. Determination of formation porosity using neutron logging is based on index (**hydrogen**)
12. is a geomorphic feature related to desert environment (**barchan**)
13. FFF triple junction is always (**unstable**)
16. Rift valleys are bounded by faults (**normal**)
18. Q wave is also known as wave (**love**)
19. Stolt migration is computationally efficient and very accurate for velocity (**constant**)
20. A type of fault (**transform**)
22. The ratio of stress to strain for elastic material is ratio/modulus (**youngs**)
25. Self-potential method is used in geophysical prospecting of ore deposits predominantly containing (**chalcopyrite**)
27. CBM is short form of controlled Migration (**beam**)
28. The coverage obtained for a 24 geophone cdp profile with shot spacing equal to twice the geophone spacing fold (**six**)
29. Salt dome is characterize by velocity and low Density (**high**)
30. waves travel near fluid-solid interface and source of noise in OBC Survey (**scholte**)
32. Hyperbola in t-x domain is in tau-p domain (**ellipse**)
33. plot is a double logarithmic plot of resistivity versus porosity (**pickett**)
35. shale having good potential as a source rock in Vindhyan basin (**hinota**)

Down

1. is the largest oilfield in world (**ghawar**)
2. Phonolite is rock (**volcanic**)
3. Boundary between crust and mantle is known as (**mohe**)
4. Polar anisotropy or TI/VTI anisotropy also known as anisotropy (**bad**)
5. The API value of water is (**ten**)
6. is an ore mineral of iron (**goethite**)
7. Fastest moving Tectonic plate is (**nazca**)
10. Kepler's first law is based on conservation of (**energy**)
11. Gardner's relationship predicts using velocity (**density**)
14. Softest mineral on moh's scale of hardness is (**taic**)
15. The subduction zone marks a plate margin (**destructive**)
17. National Oil Company of Malaysia is (**petronas**)
21. Gound roll is nothing but wave (**rayleigh**)
23. Deconvolution attenuates period multiple (**short**)
24. arch defines the Southern limit of Mumbai offshore Basin (**vengurla**)
26. The liquid used in proton precession magnetometer is rich in (**hydrogen**)
31. Headquarter of OPEC is located in (**vienna**)
34. is standard unit of measure of permeability (**darcy**)