

## Talent Corner

### Poem — The Separation

My mother taught me everything, except how to live without her  
That House doesn't seem to be a home without you , mumma  
Not even a moment goes by without you , mumma

This separation is killing me day by day , mumma  
I would always love you past the moon and beyond the stars , mumma  
You'll always be alive in our hearts.

Anju Sabharwal

### Poem — Maharaja Hari Singh

Last ruling Maharaja of our princely Union Territory,  
Hari Singh was one of the bravest ruler in the Indian history.  
He is still an inspiration of many,  
Creating history of J&K, a personality, someone can rarely find any.

He was the ambassador of dogri culture,  
Still he is remembered in form of his beautiful sculpture.  
He was so kind to everyone,  
Especially to J&K's people, he was providing his rays and light as a sun.

On his birthday, let's gift him his dream,  
Initiating to keep our beautiful UT J&K neat, green and clean.

Sahaj Sabharwal

### SUDOKU

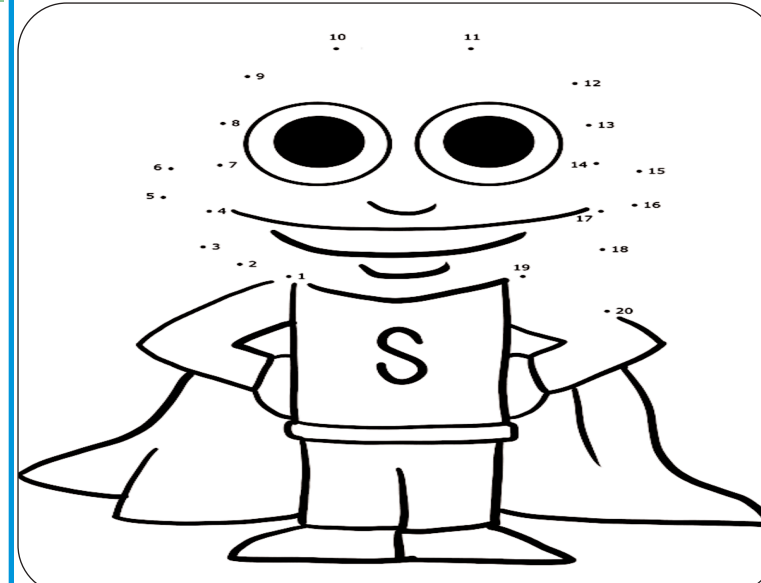
			8					3
	2			1	5	7	6	
			3					2
	1			5	3		8	6
					8		9	
3				7	2	5		
4	3							1
6	5						7	9
8								

SOLUTION OF LAST WEEK SUDOKU								
4	5	8	6	3	9	1	7	2
9	3	2	7	8	1	5	4	6
7	1	6	2	4	5	8	9	3
1	6	5	4	2	3	9	8	7
8	9	3	1	6	7	2	5	4
2	7	4	9	5	8	3	6	1
5	2	7	8	1	6	4	3	9
3	4	9	5	7	2	8	1	6
6	8	1	3	9	4	7	2	5

### MAZE



### COMPLETE THE PICTURE



## CAREER AID

### Petroleum Engineering

Petroleum and Petroleum products are valuable for any country. Shortage of petroleum could make Industries, automobiles and households come to a standstill. They are dependent on petroleum in some way or the other. There is a need to find more petroleum reservoirs to meet the growing demand. But the search for petroleum is not an easy task in complex geological locations. This has resulted in a huge demand for professionally trained personnel to meet the challenge.

Petroleum engineers search the world for reservoirs containing oil or natural gas. In other words, Petroleum engineers are involved in the exploration and production of oil and natural gas and also in each stage of oil field evaluation, development and production. Where as Engineering is the art and science of making practical application of the knowledge of pure sciences, like Physics or Chemistry, as in the construction of engines, bridges, buildings, mines, ships chemical plants, etc; Petroleum Engineering is the discipline in which the principles of Geology, Physics and Engineering are applied for the recovery, development and processing of petroleum. It is basically mining Engineering, but deals only with oil and gas.

The petroleum industry is broadly divided into two major sectors – the upstream sector and the downstream sector. Work in the upstream sector consists of the exploration, production and exploitation of oil and natural gas. The downstream sector comprises the refining, marketing and distributing functions. Petroleum Engineers function within the upstream sector & Petroleum Engineering is involved in the exploration and production activities of petroleum as the upstream end of the energy sector. It is an increasingly technical profession that involves procuring reserves from places that predecessors deemed too difficult or not economic with the technology of the day, or commodity prices. Their goal is to achieve the maximum profitable recovery of oil and gas



from a given petroleum source by determining and developing the best, most efficient production methods.

**Educational Qualification:**  
Successful completion of 10+2 examination with Physics, Chemistry and Mathematics as subjects, is the minimum eligibility criteria required to pursue a Bachelor's degree in Petroleum Engineering. One must also pass the qualifying entrance exam of the particular institute or AIEEE, or JEE (Joint Entrance Exam) conducted by the IIT's which will be an added advantage for admission to top institutes.

For pursuing a masters i.e M.Tech degree in Petroleum Engineering, one must complete B.Tech (Bachelor of Technology) or B.E. (Bachelor of Engineering) in chemical or petroleum engineering. Those who have completed M.Sc. in Chemistry are also eligible to pursue a M.Tech degree in Petroleum Engineering.

**Colleges and Institutes:**  
**Dhaanish Ahmed College of Engineering, Kancheepuram**  
Dhaanish Nagar , Vanchuvancherry,  
Padappai (Near Tambaram), Sriperumbudur Taluk,  
Kancheepuram (Kancheepuram Dist.) - 601301  
Tamil Nadu  
**Maharashtra Institute of Technology (MIT), Pune**  
S.No.124, Paud Road, Kothrud ,  
Pune (Pune Dist.) - 411038  
Maharashtra  
**University of Petroleum and Energy Studies (UPES), Knowledge Acres, Dehradun**  
Bidholi Campus Office, Energy Acres, P.O. Bidholi,  
Via-Prem Nagar ,  
Dehradun (Dehradun Dist.) - 248006  
Uttarakhand

**Quantum University, Roorkee**  
Mandawar, 22 Km Milestone,  
Roorkee – Dehradun Highway (NH – 73) ,  
Roorkee (Haridwar Dist.) - 247167  
Uttarakhand  
**Indian Institute of Petroleum and Energy (IPE), Vishakapatnam**  
2nd Floor, AU Engg College Main Block,  
Andhra University ,  
Vishakapatnam (Vishakapatnam Dist.) - 530003  
Andhra Pradesh  
**Sri Vatsavai Krishnraju College Of Engineering and Technology, Bhimavaram**  
Gollalakoderu Village Palakoderu Mandal ,  
Bhimavaram (West Godavari Dist.) - 534 202  
Andhra Pradesh  
**School of Petroleum Technology, Gandhinagar**  
Pandit Deendayal Petroleum University,  
Raisan , Gandhinagar (Gandhinagar Dist.) - 382007  
Gujarat  
**Pandit Deendayal Petroleum University, Gandhinagar**  
Raisan Village ,  
Gandhinagar (Gandhinagar Dist.) - 382007  
Gujarat  
**Aditya Engineering College, East Godavari**  
Aditya Nagar, ADB Road, Surampalem ,  
East Godavari (East Godavari Dist.) - 533437  
Andhra Pradesh

If you have any ideas, poems, stories, paintings that you would like to share with us, please send it to the  
**STATE TIMES, AMPHALA, JAMMU, 180001**  
or send via email to [statetimes1@gmail.com](mailto:statetimes1@gmail.com)