Karmaveer Bhaurao Patil College of Engineering Satara
Department of Mechanical Engineering
Course: EPE   Class: BE-Mech 2019-20 SEM II
Course Coordinator: Prof. Dayanand Ghatge
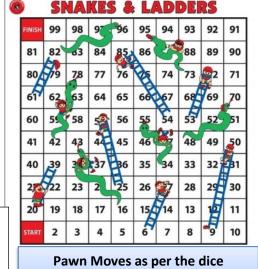## Snake and Ladder Puzzle

Rules:

There are 10 Multiple Choice Questions given

Q.1: What happens when the land near the earth's equator is heated?
Options:
a) All the oceans gets heated up (3)
b) Small wind currents are formed (5)
c) Rise in tides (1)
d) Large atmospheric winds are created (4)

Pawn Moves as per the dice number

Here answer is option d, option d has number 4 in bracket which is dice number so that you have to move pawn by 4 positions

Q.2 The solar radiation that reaches earth's surface differ in amount and character from the radiation at the top of atmosphere due to-
a) Radiation reflected back into space by clouds(3)
b) Radiation absorbed by molecules in air(6)
c) Oxygen and ozone absorbs ultraviolet radiation(5)
d) Water vapors and carbon dioxide absorbs infrared (1)
e) All of the above(2)

Fill the Answer Sheet given for each question

Question No.	Answer	Dice Number	Pawn position
1	d	4	4
2	e	2	6 ->Ladder to 27

Contact me In case of any query.

Snake and Ladder Puzzle

Questions:

Q.1	Questions
1	What happens when the land near the earth's equator is heated? Options: a) All the oceans gets heated up(7) b) Small wind currents are formed (2) c) Rise in tides (3) d) Large atmospheric winds are created(4)
2	What is the present power position in India, whether it is... a) deficit(1) b) surplus(3) c) equal to demand(2) d) all of the above(4)
3	Q. The solar radiation that reaches earth's surface differ in amount and character from the radiation at the top of atmosphere due to- a) Radiation reflected back into space by clouds(4) b) Radiation absorbed by molecules in air(3) c) Oxygen and ozone absorbs ultraviolet radiation(4) d) Water vapour and carbon dioxide absorbs infrared(5) e) All of the above(2)
4	Q. The sun declination angle varies between 23.5 ° on June 22 to 23.5 ° on December 22. a) True(4) b) False(13)

5	. Which of the following components are to be considered during the wind farm project?
	
	    a) Capital cost and approvals(5)
	    b) Electrical connection and grid connection planning(10)
	    c) Wind turbines selection (4)
	    d) All of the above(6)

6	Q. What is the inherent weakness of all wind machines? a) Their efficiencies(5) b) Requires powerful winds to make fan rotate(3) c) Their dependency on the wind speed(5) d) Cannot be easily repaired(1)

7	Q. Once the wind turbine is built the energy it produces does not cause green House gases or other pollutants.
	      a) True(3)
	      b) False(4)

8	Why severe fluctuations in power are always undesirable in windmill? a) Because they pose power oscillations problems(8) b) Damage of parts due to fluctuations(9) c) The efficiency of the plant will be reduced(2) d) Results in damage to the whole plant(4)
9	Q. Role of National Load Dispatch Center (NLDC) a) scheduling and dispatch of electricity(4) b) supervision over the Regional Load Dispatch Centers(10) c) coordination with Regional Load Dispatch Centers(6) d) All of the above(5)
10	Q. NTPC is divided into how many head quarters a) 5 (6) b) 10 (8) c) 6 (5) d) 8 (9)

Winning Position is 100

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Snake and Ladder Puzzle

Pawn Moves as per the dice number

Answer-sheet

Roll No._____Name of the student:_____

Final Winning Position: 100

Question No.	Answer	Dice Number	Pawn position
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			