



Department of Civil Engineering

Innovations by the Faculty in Teaching and Learning

Event Title	Puzzles
Participants	All BE Students
Venue / Location	Class Room
Organizing Team	Amar D. Shitole
Faculty Coordinator	Amar D. Shitole
Academic Year / Sem.	Sem. I/ AY : 2018-19
Date	05/08/2018

Objective of the Event/Activity Conducted:

1. To provide students with an opportunity to evaluate their level of knowledge and to identify areas of further study in a fun way.
2. To enhance and built physical skills, cognitive skills and emotional skills of the students.
3. Also, to enhance and development of social skills, spatial awareness, memory, concentration and problem-solving skills of the students.

Outcome of the Event/Activity Conducted:

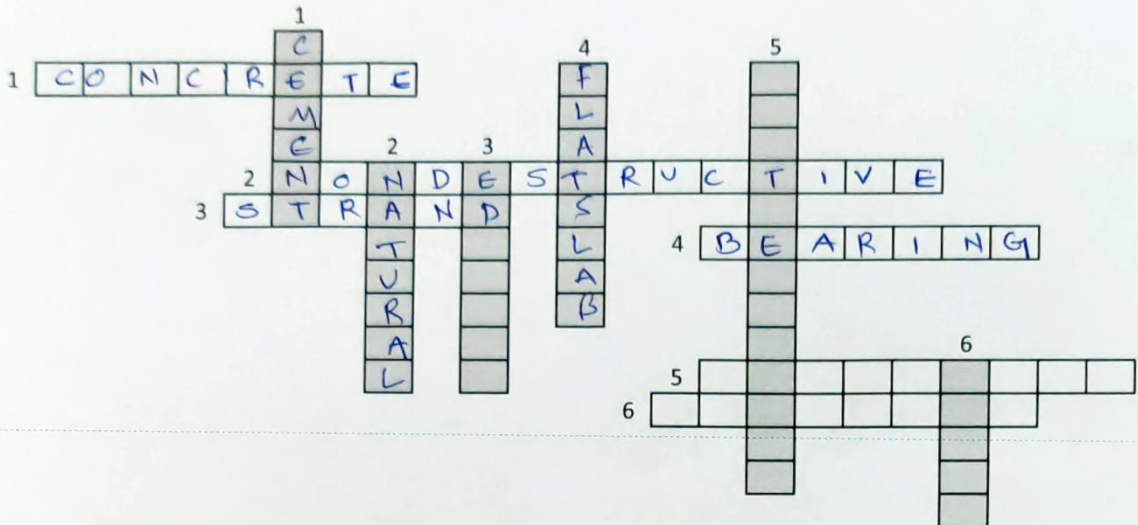
- Students will be able to solve critical problems.
- Students will be able to improve writing abilities and higher order thinking skills.



Name: Shreyas Dharmadikar

Date: 04/08/2018

Basics of Prestressing - Puzzle



Horizontal words

- 1 Mixture of cement, sand, aggregates and water
- 2 Test on concrete without breaking the cube or cylinder
- 3 The bunch of wires used in prestressing
- 4 ___ plate is used to rest the anchorage block during prestressing in Post Tensioned girder
- 5 Assembly which not allow tendon to move during or after prestressing
- 6 The type of loss which is absent in Pre-tensioning

Vertical words

- 1 The main binding agent in concrete
- 2 The river sand is also called as ___ sand
- 3 The transfer stage stresses are also called as ___ stresses
- 4 Type of slab without beams but having column capital
- 5 The type of prestressing in which the tendons are stretched after casting the block
- 6 The shape sheething is generally

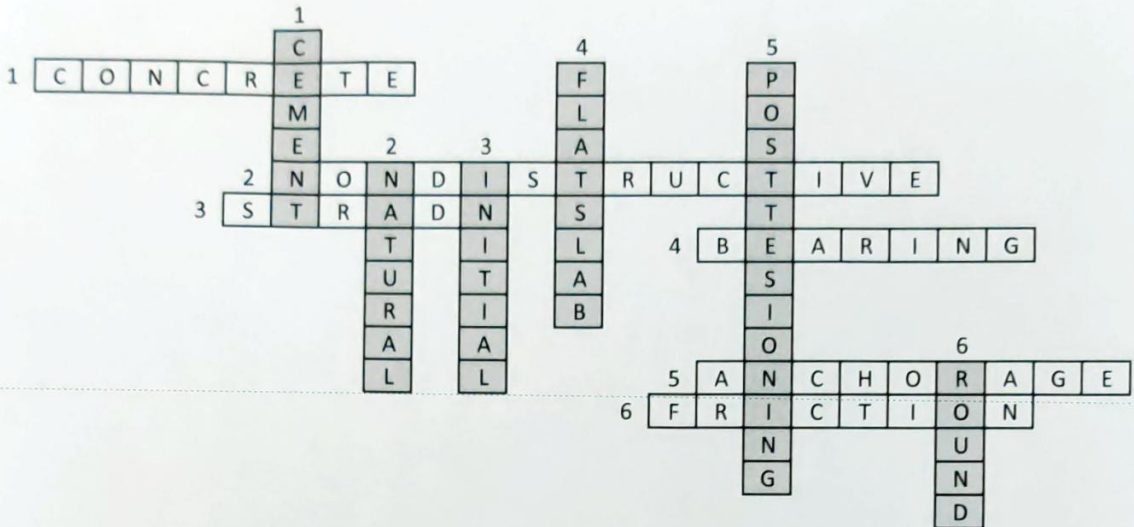


Sample Solution

Name:

Date: 04/08/2018

Basics of Prestressing - Puzzle



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RESEARCH,**
RAVET, PUNE 412101



Department of Civil Engineering

Innovations by the Faculty in Teaching and Learning

Event Title	Puzzles
Participants	Second year Students
Venue / Location	Online / Google classroom
Organizing Team	Subject In charge
Faculty Coordinator	Mrs. Mayurs M Yeole
Academic Year / Sem.	2019-20
Date	04/05/2020

Objective of the Event/Activity Conducted:

1. To provide students with an opportunity to evaluate their level of knowledge and to identify areas of further study in a fun way.
2. To enhance and built physical skills, cognitive skills and emotional skills of the students.
3. Also, to enhance and development of social skills, spatial awareness, memory, concentration and problem-solving skills of the students.

Event / Activity Photos:

The top screenshot shows a Google Classroom interface for a class named 'APDB SE CIVIL'. The 'Classwork' tab is active, displaying a list of assignments. The first assignment is an 'MCQ QUIZ' due on May 4, 2020, at 7:59 PM, posted on May 4, 2020. It includes a link to a Google Forms quiz and a thumbnail of the quiz titled 'APDB Quiz'. Below it are 'ORAL QUESTIONS' (posted May 2, 2020) and a 'Preliminary paper' (due Apr 29, 2020, at 1:00 AM). The bottom screenshot shows the Google Forms quiz in edit mode. It contains two multiple-choice questions. Question 30 asks 'A village form VI is a...' with options: 'Diary of Crops', 'Record of rights', 'Diary of Mutations', and 'None'. Question 31 asks 'The information regarding Survey numbers of land is given in...' with options: 'Village Form VII', 'Village Form VID', 'Village Form VIII', and 'Village Form XII'. A vertical toolbar on the right side of the form includes icons for adding, deleting, and editing elements.

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