

GOVERNMENT COLLEGE OF ENGINEERING, AMRAVATI



(An Autonomous Institute of Govt. Of Maharashtra)

Phone No. 0721-2660360 (Principal) 2660850 (Office) Fax: 2660488

Website: www.gcoeamravti.org

DEPARTMENT OF CIVIL ENGINEERING

Class Test-I

Total Marks-15

Sem-III

Date: 03/08/2017

Course Code: CEU: 301

Time-1 hr

Q.1 Give brief accounts of the following:

- a) Textural Classification of Igneous Rock;
- b) Physical Properties of mineral;
- c) Factors affecting evaporation.

04
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04

Q. 2 Describe any one of the following:

- a) Significance of geology in civil engineering;
- b) Thermal metamorphism.

03

Q.3 Explain formation of sedimentary rock

02



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DEPARTMENT OF CIVIL ENGINEERING

Class Test-I

Total Marks-15

Sem-III

Date: 05/08/2015

Course Code: CEU: 301

Time-1 hr

- Q.1] Explain briefly the importance of geology in civil engineering branch by giving suitable examples. 03
- Q.2] What is mineral? Explain various physical properties of minerals. 04
- Q.3] a) Describe the processes involved in the formation of sedimentary rock. 02
b) Classify igneous rock into various classes. 03
- Q.4] Differentiate between: (Any one) 03
i) Regional metamorphism & Contact metamorphism
ii) Equigranular & In-equigranular texture

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- a) Textural classification of igneous rock; 04
- b) Physical properties of Minerals; 04
- c) Factors affecting evaporation. 04

Q.2 Describe any one of the following:

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- a) Significance of geology in civil engineering;
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Q.3 Explain the formation of sedimentary rock.

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Sem-III
Date: 07/08/2016

Course Code: CEU: 301
Time-1 hr

- Q.1) a) What is mineral? What are their physical properties? What useful purpose is served by these physical properties? 03
- b) Explain the different types of textures and classification of Igneous rocks. 03
- Q.2) Explain any one of the following 03
- i) Classification of sedimentary rocks
- ii) Types of rock weathering
- Q.3) What is meant by Rock cycle and how does it represent the sequence of formation of these three important types of rocks? 02
- Q.4) Differentiate between: 03
- i) Thermal and Dynamo-thermal metamorphism.
- Q.5) Explain different components of hydrological cycle. 01