

Total No. of Questions : 8]

[Total No. of Printed Pages : 2

Roll No

CE-6004 (CBGS)**B.E. VI Semester**

Examination, May 2018

Choice Based Grading System (CBGS)**Highway Engineering****Time : Three Hours****Maximum Marks : 70****Note:** i) Total number of questions 8. Attempt any five questions.

ii) All questions carry equal marks. rgpvonline.com

1. a) Explain the necessity and objects of highway planning. 7
b) Discuss requirement of a suitable highway alignment. 7
2. a) Drive an expression for finding stopping sight distance on a highway. 7
b) Enumerate the steps in construction of cement concrete pavements. 7
3. a) Explain the importance of fatigue and reliability. 7
b) Compare rigid pavements with flexible pavements. 7
4. What is soil stabilization? Discuss the different methods of soil stabilization in detail. 14
5. What is importance of traffic Engineering? Explain the various types of traffic signs with the help of neat sketches. 14

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6. Draw neat sketches of Runway and Taxiway and explain different parts. 14
7. Explain the various factors affecting airport site selection, in detail. rgpvonline.com 14
8. Discuss the various imaginary surface with the help of neat sketches in detail. 14

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