



K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BANGALORE - 560109

DEPARTMENT OF CIVIL ENGINEERING

I SESSIONAL TEST QUESTION PAPER 2019 – 20 ODD SEMESTER

SET-A

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Degree : B.E
Branch : Civil Engineering
Course Title : Engineering Geology
Duration : 90 Minutes

Semester : III
Date : 3-9-2019
Course Code : 18CV36
Max Marks : 30

Note: Answer ONE full question from each part

Q. No.	Question	Marks	K Level	CO mapping
PART-A				
1(a)	Define Engineering geology and explain any five branches of geology.	5	K2 Understanding	CO1
(b)	Define a mineral and explain the diaphaneity of the mineral.	5	K2 Understanding	CO1
(c)	Discuss the properties of Granite and Sandstone.	5	K2 Understanding	CO2
OR				
2(a)	With a neat sketch explain the internal structure of the earth.	5	K2 Understanding	CO1
(b)	What is an ore mineral and explain the physical properties of Bauxite.	5	K2 Understanding	CO1
(c)	Discuss the properties of Shale and Laterite.	5	K2 Understanding	CO2
PART-B				
3(a)	Explain the following: i) Fracture of the mineral ii) Colour of the mineral	5	K2 Understanding	CO1
(b)	Discuss the properties of Feldspar group.	5	K2 Understanding	CO1
(c)	Explain the structures of the sedimentary rocks.	5	K2 Understanding	CO2
OR				
4(a)	Discuss the applications of geology in civil engineering.	5	K2 Understanding	CO1
(b)	Explain the streak and lustre of the minerals.	5	K2 Understanding	CO1
(c)	Discuss the properties of Quartzite and Marble.	5	K2 Understanding	CO2

Vijshah
Course In charge

M. Kelle
Head - Dept

K. Rana
Principal

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