**MOUNT KENYA UNIVERSITY**

**SCHOOL OF SOCIAL SCIENCES**

**DEPARTMENT OF LANGUAGES AND HUMANITIES**

**BACHELOR OF EDUCATION**

**UNIT NAME: PHYSICAL GEOGRAPHY**

**UNIT CODE: BHU1215**

**MAIN EXAM**

**TIME:2HOURS**

**INSTRUCTIONS:ANSWER QUESTION ONE AND ANY OTHER TWO QUESTIONS.**

1.a) Explain the scope of physical geography. (4 marks)

b) Explain the difference between P and S waves. (6 marks)

c) Differentiate between the various types of plates boundaries. (6 marks)

d)Explain the nature of corals. (4 marks)

2.a)Explain various processes that alter the earth’s surface. (6 marks)

b)Explain the sources of energy for the various process. (14 marks)

3.Using Bing bang theory,explain the origin of both theuniverse and its major parts.(20 marks)

4 .a) Describe how the constituents of meteorites may be used to deduce the internal structure of the earth. (12 marks)

b)Explain how one can collect data on the interior of the earth. (8 marks)

5. a)Outline the various propreties of plates . (5 marks)

b) Trace the various stages in the formation of the present continents. (15 marks)