273/2
Geography
Paper 2
July 2016
2 ½ hours

UCE MOCK EXAMINATIONS 2016
GEOGRAPHY
PAPER 2
TIME: 2 HOURS 30 MINUTES

Instructions to candidates:

- Answer four questions in all

- Choose two questions from part I and two from part II

- In part II only one question should be chosen from any one region

- Any additional questions attempted will not be marked

PART I: THE REST OF AFRICA

Answer two questions from this part

1. Study the table below showing the climate of station X and answer the questions that follow.
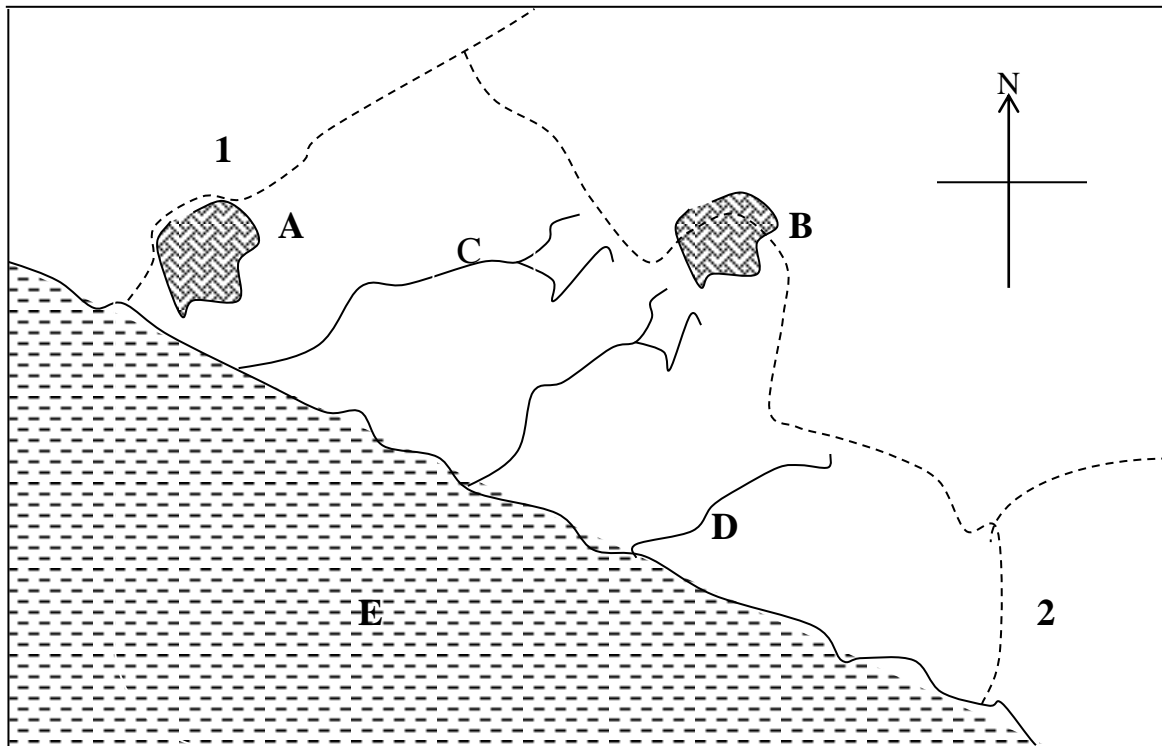
    Station X

Months	J	F	M	A	M	J	J	A	S	O	N	D
Temperature (^oC)	12	13	14	16	19	22	25	26	24	21	17	13
Rainfall (mm)	110	90	90	60	35	15	03	10	30	80	115	135

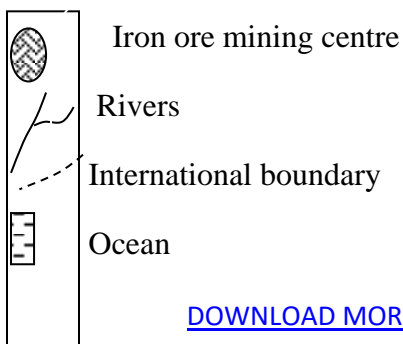   Adapted from: *Africa by H.R Jarnett (1979) Macdonald and Evans P.31*

    (a) Draw a suitable graph to show information in the table above   (9 marks)

    (b) Calculate

        (i)   Mean annual temperature   (1 mark)

        (ii)   Annual range of temperature   (1 mark)

        (iii)   Mean annual rainfall for station X   (2 marks)

    (c) (i) Describe the characteristics of the climate for station X   (5 marks)

        (ii) State the hemisphere in which station X is located.   (1 mark)

    (d) Outline the

      (i)   Economic activities that can be carried out   (3 marks)

      (ii)   Problems faced by the people living in areas where station X is found   (3 marks)

2. (a) (i) Mention any three (3) countries found in Sahel region.   (3 marks)

        (ii) Name any two ;(2) groups of people practicing Nomadic pastoralism in the Sahel

                                                            (2 marks)

(b) Describe the characteristics of nomadic pastoralism in any one country found in the Sahel

region.   (6 marks)

(c) Explain the effects of nomadic pastoralism on the environment in the Sahel region (8 marks)

(d) Outline measures being taken to improve the livestock industry in the Sahel region (6 marks)

3. Study the map of Liberia and answer the questions that follow:

Key

      Iron ore mining centre

  Rivers

International boundary

  Ocean

(a) Name the

   (i)   Neighbouring states marked 1 and 2

   (ii)   Iron ore mining centres marked A and B

   (iii)   Water bodies C, D and E   (7 marks)

(b) Explain the factors that have favoured iron ore mining in Liberia.   (8 marks)

(c) Outline the benefits from mining industry in Liberia.   (5 marks)

(d) What are the effects of iron ore mining on the physical environment in Liberia?   (5 marks)

4. Study the table showing manufactured goods in Egypt and answer the questions that follow.

Year	Manufactured goods in '000' metric tonnes
1990	456,000
1992	524,000
1994	500,000
1996	552,000
1998	760,000
2000	785,000

(a) (i) Draw a line graph to represent the information in the table above.   (8 marks)

    (ii) Describe the trend of the manufactured goods in Egypt between 1990 to 2000. (2 marks)

(b) Describe the factors responsible for the trend of the manufactured goods in Egypt. (6 marks)

(c) Explain the problems which have resulted from the rapid growth of industries in Egypt

                                                                              (5 marks)

(d) Name

   (i)   Any two industrial towns in Egypt   (2 marks)

   (ii)   Any two manufactured goods exported by Egypt.   (2 marks)
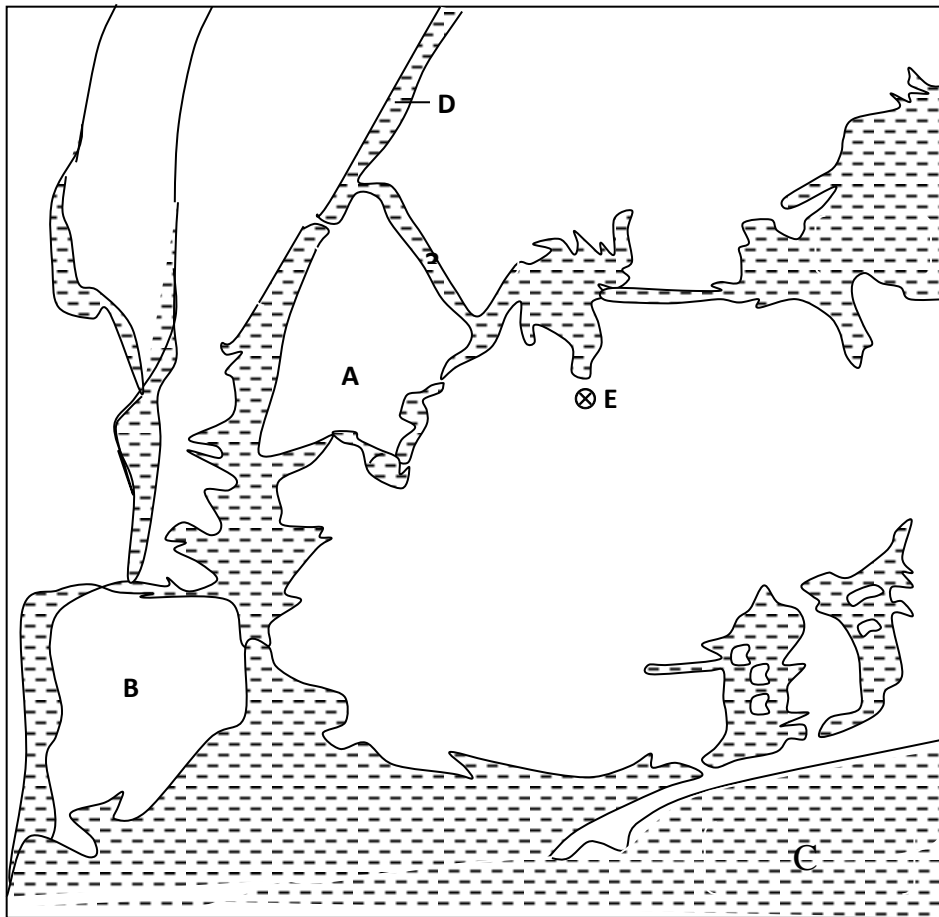
PART II: STUDIES IN DEVELOPMENT

Answer **any two** questions from this part

REGION 1: NORTH AMERICA:

5. (a) Draw a sketch map showing the area covered by Tennessee valley Authority and on it mark and name;

   (i)   Rivers: Mississippi, Ohio and Tennessee

   (ii)   States: Alabama and Kentucky

   (iii)   Towns: Knoxville and Nashville   (8 marks)

   (b) Describe the conditions which led to the establishment of the Tennessee Valley Authority.

                                                                    (6 marks)

   (c) Explain the benefits of the Tennessee valley Authority to the people of United States of America.   (6 marks)

   (d) Outline the problems that resulted from the establishment of the Tennessee Valley Authority.

                                                                    (5 marks)

6. (a) Draw a sketch map of British Columbia and on it, mark and name;

   (i)   Vancouver Island

   (ii)   Alaska Ocean current

   (iii)   River Fraser

   (iv)   Alberta Province

   (v)   Fishing towns: Prince Rupert and Victoria   (07 marks)

   (b) (i) Give any two types of fish species caught in British Columbia.

   (ii) Explain the factors which have favoured the existence of the fish types named in (b) (i)

above (08 marks)

(c) Describe the methods used in catching fish in British Columbia. (06 marks)

(d) Outline the problems faced by the fishing industry in British Columbia (04 marks)

7. Study the map of the site of New York and answer the questions that follow

(a) Name the
   (i) Islands marked A and B
   (ii) Water bodies C and D
   (iii) Airport marked E (05 marks)

(b) Describe the conditions that favoured the development of New York city. (08 marks)
(c) Explain the problems facing New York city.   (07 marks)
(d) Outline the steps being taken to solve problems in (c) above   (06 marks)
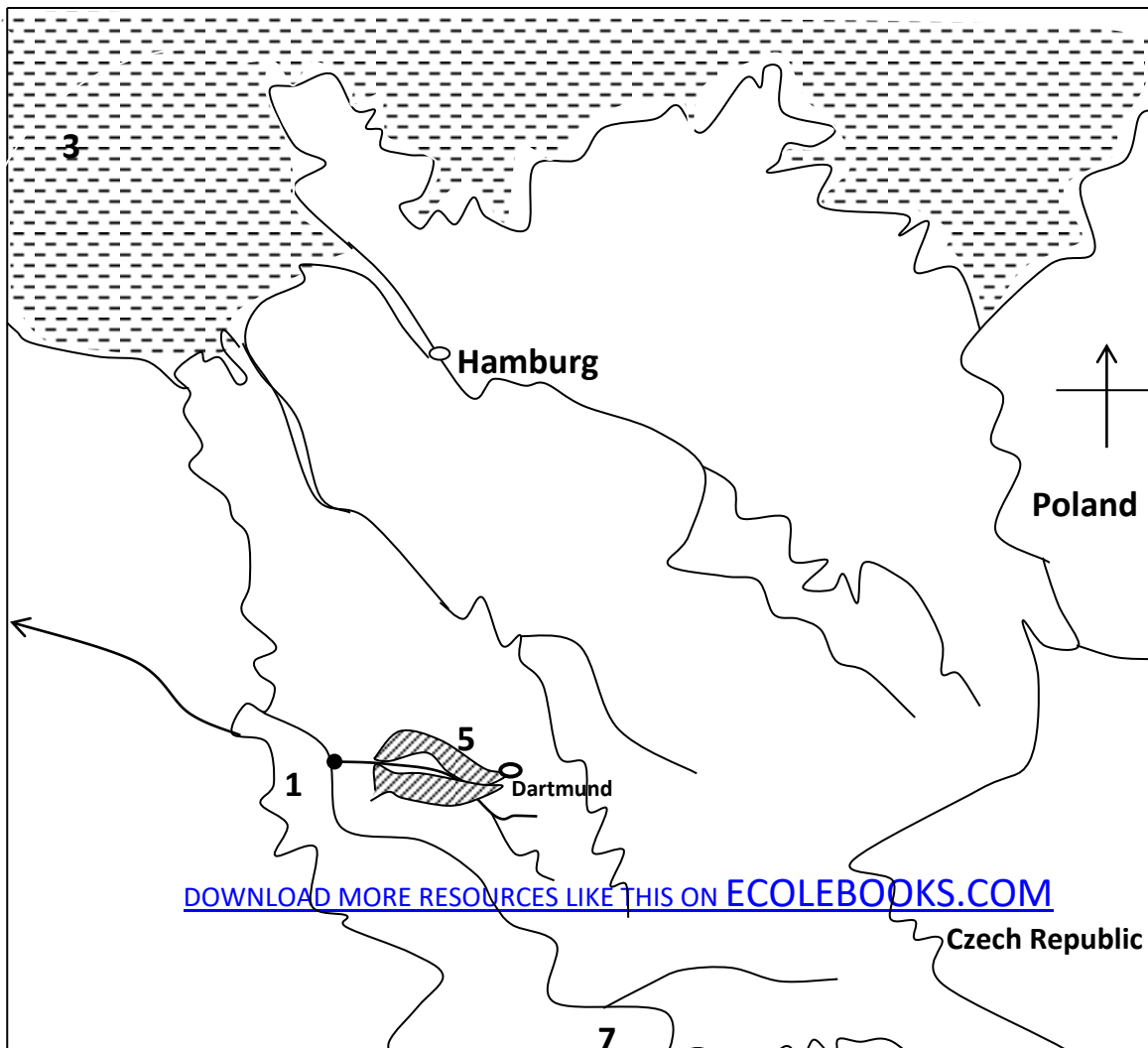
REGION II: RHINELANDS

8. "Switzerland as in other highland areas of North West Europe, the landscape has been created by ice. Glaciers formed in Mountains and flowed down hill; enlarging and widening valleys, and leaving jagged spectacular scenery. When the ice melted, lakes were left on the valley floors"
    Source: Waugh David; *The World p. 118*

    (a) (i) State any (3) three glacial features mentioned in the passage.   (03 marks)
        (ii) Describe the formation of any one of the features stated in (a) (i) above. (04 marks)

    (b) Name
        (i)   The region in Switzerland with glaciated landscape   (1 mark)

        (ii)   Any three (3) economic activities taking place in the region named in (b) (i) above.

                                                                                          (03 marks)
    (c) Outline the problems facing the economic activities named in (b) (ii) above   (07 marks)

    (d) Explain the steps being taken to solve the problems stated in (c) above.   (07 marks)

9. (a) Study the table below showing the land use types in the Netherlands and answer the questions that follow;

Land use type	Total land Area (ha)
Arable farming	770,000
Horticulture	140,000
Permanent pasture	1,505,000
Woodland and Wasteland	525,000

Others	560,000
Total	3,5000,000

(i)   Draw a bar graph to show the land use types in the Netherlands.   (07 marks)

(ii)   Calculate the percentage of farmland in the Netherlands.   (1 mark)

(b) Describe the conditions which have made it necessary to leave a large proportion of land in the Netherlands under permanent pasture.   (06 marks)

(c) Explain the factors which have favoured Arable type of land use.   (06 marks)

(d) Outline the challenges faced by Arable farming in the Netherlands.   (05 marks)

10. Study the sketch map of Germany and answer the questions that follow.

Name the
(i)   Water bodies: 3, and 4
(ii)   Ports 1 and 2
(iii)   Dominant mineral mined in the shaded region marked 5
(iv)   Neighbouring country marked 6
(v)   Water transport route marked 7   (07 marks)

(b) Explain the factors that have favoured the development of the water route marked 7.
                                                                              (08 marks)
(c) Outline the benefits of the water route to the region.   (06 marks)
(d) Name any two
    (i) imports and
    (ii) Exports carried along the water transport route.   (04 marks)

REGION III: CHINA

11. (a) Draw a sketch map of China and on it mark and name:-
        (i)   Rivers Huangho and Yangtze
        (ii)   Water bodies: Yellow Sea and South China Sea
        (iii)   Lowland areas 0 – 1500m)
        (iv)   Plateau areas (1500 – 4000m)
        (v)   Highland areas (over 4000m)

    (b) Describe the processes which led to the formation of the highland areas in China. (8 marks)
    (c) Explain the problems faced by people living in the highland areas of China   (5 marks)
    (d) Identify the influence of relief on drainage in China   (4 marks)

12. Study the table below showing China's total population ('000s) between 1980 and 2018 (projected and answer the questions that follow.

Year	Total population ('000s)
1980	981,200
1990	1,155,305
2000	1,271,800
2018 (Projected)	16,992,600

(a) Calculate the percentage change in China's total population between 1980 and 2000.
(2 marks)
(b) Draw a line graph to show the trend in China's population.   (6 marks)
(c) Explain the factors which have led to the trend in population shown in (b) above. (6 marks)
(d) Outline the:-
    (i)   Population problems faced in China.   (6 marks)
    (ii)   Steps being taken to solve the problems in d (i) above   (5 marks)

13. (a) Name any one;
    (i)   water body,
    (ii)   highland,
    (iii)   lowland area found near Beijing   (3 marks)
 (b) Describe the conditions that favoured the location of Beijing city.   (8 marks)
 (c) Outline the:-
    (i) functions of Beijing city   (4 marks)
    (ii) problems facing the residents of Beijing   (4 marks)
 (d) Explain the steps being taken to solve the problems in c (i) above.   (6 marks) *END*