# GGH1502 (499599) May/June 2012

## WORLD ISSUES: A GEOGRAPHICAL PERSPECTIVE

Duration 2 Hours 100 Marks

EXAMINERS
FIRST MRS R COETZEE
SECOND MR DW HEDDING

This paper consists of **11** pages, plus instructions to complete a mark-reading sheet

**IMPORTANT:**

1 After completing this examination paper, you should hand in the following
   * one mark-reading sheet for Section A **(Insert the mark-reading sheet in the front of your examination book.)**
   * your examination book

2 Make sure that your student number and all other required details – including the unique number for the examination paper – are written on both your examination book and on the mark-reading sheet The unique number for module **GGH1502** is **499599**

3 Marks will be allocated as follows
   * Section A 40 marks
   * Section B 60 marks

4 We recommend that you use the available time as follows
   * Section A (30 multiple-choice questions – 30 x 1,22 = 40 marks) 40 minutes (It is therefore of extreme importance that you do not spend too much time on any of the questions )
   * Section B (four questions) 80 minutes

5 Read the instructions at the beginning of each section and follow them carefully

**[TURN OVER]**

**SECTION A**

**Instructions**
- Answer all the questions
- Use an HB pencil to mark your answers on the mark-reading sheet
- Remember to enter your student number and the unique number of the examination paper on the mark-reading sheet

1     Which tropical rainforest in the southern region of the Sahel was severely impacted upon as a result of an increase in population numbers and agricultural activities?

      (1)    Nigerian tropical rainforest
      (2)    Sahel tropical rainforest
      (3)    Baben Rafi rainforest
      (4)    Ryutaro rainforest

2     Which of these regions in figure 1 would you describe as drought-stricken?

      (1)    1 and 5
      (2)    1 and 2
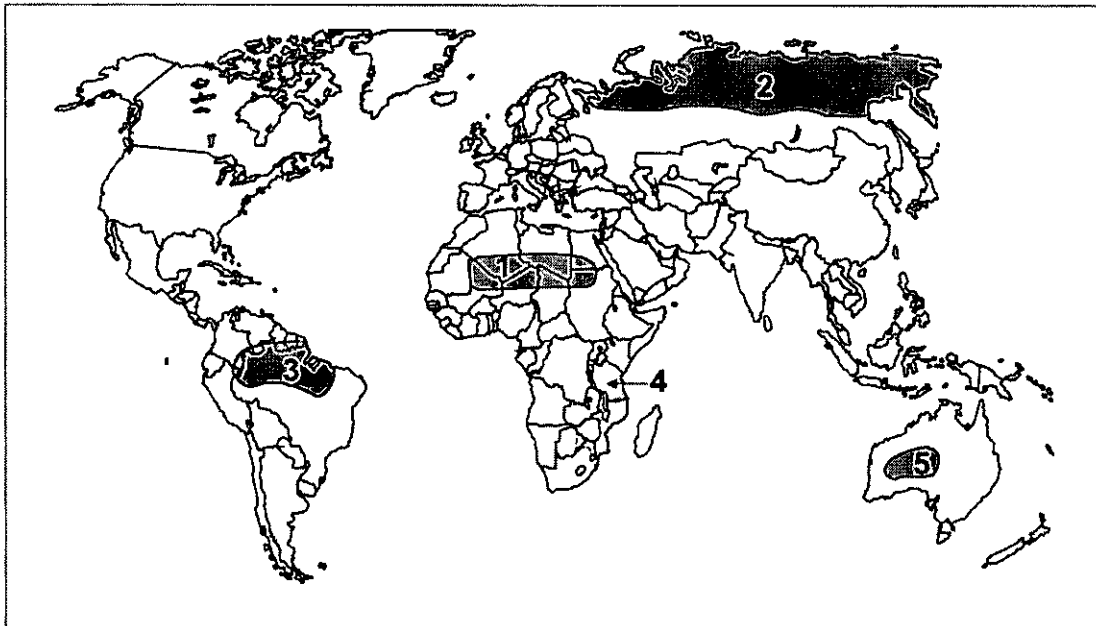      (3)    3 and 4
      (4)    3 and 5



Figure 1  Drought stricken areas

3     Which **one** of the following statements reflects our current perception regarding our oceans?

      (1)    The dumping of waste is problematic as it disrupts ocean currents
      (2)    Conventions regulating the dumping of waste into the oceans are unnecessary
      (3)    The ocean is huge and can absorb any amount of waste
      (4)    Oceans cover a relatively small part of the earth's surface

4    The oceans occupy   of the earth's surface and contain   of the earth's water

     (1)    74%, 87%
     (2)    71%, 97%
     (3)    97%, 71%
     (4)    87%, 74%

5    Runoff containing fertilisers and pesticides from a field is considered as a   source of
     pollution

     (1)    non-point
     (2)    point
     (3)    defined
     (4)    controlled

6    The Rietvlei Nature Reserve uses   to identify plants and   to keep up to date
     regarding the burning of grassland and the management of the reserve

     (1)    road maps, photographs
     (2)    resource maps, statistics
     (3)    GIS, statistics
     (4)    aerial photographs, topographical maps

7    Waste is one of South Africa's biggest problems   South Africans generate
     approximately   of litter and   of packaging material per year

     (1)    200 000 kg, 1,3 million kg
     (2)    200 000 tonnes, 1,3 million tonnes
     (3)    200 000 kg, 1,3 million tonnes
     (4)    200 000 tonnes, 1 3 million kg

8    An undesirable by-product, emission, or residue produced by any process or activity,
     that has been discarded, accumulated or stored for the purpose of discarding or
     processing, is defined as

     (1)    glass
     (2)    recycled material
     (3)    plastic
     (4)    waste

9    Which biome is presented in figure 2 on the next page?

     (1)    fynbos/chaparral
     (2)    savannah
     (3)    desert
     (4)    tundra

10   Which biome is presented in figure 3 on the next page?

     (1)    tropical rainforest
     (2)    grassland
     (3)    desers
     (4)    coniferous forest

Figure 2  Biome



Figure 3  Biome

11    The hydrosphere is one of the subsystems of the natural world  Which of the following
      are included in this subsystem?

      (a)    oceans
      (b)    atmosphere
      (c)    ice
      (d)    soil and rocks

      The **correct** combination of alternatives is

      (1)    (a) and (b)
      (2)    (a) and (d)
      (3)    (a) and (c)
      (4)    (b) and (d)

12    The earth's atmosphere is a mixture of gases and extends to a height of
      approximately    above sea level

      (1)    1 000 km
      (2)    480 km
      (3)    500 m
      (4)    40 000 m

13    A system that includes all biotic and abiotic factors and functions as a unit in an area is
      referred to as a/an

      (1)    subsystem
      (2)    physical system
      (3)    natural system
      (4)    ecosystem

14    The earth is    years old and *homo sapiens* (modern humans) have been living on it
      for between    years

      (1)    136 million,      one and two million
      (2)    4 600 million,    100 and 200 thousand
      (3)    4 600 thousand,   two and five thousand
      (4)    6 500 million,    two and three million

15    Identify the main causes of deforestation in tropical Africa

      (a)    mining
      (b)    logging
      (c)    agriculture
      (d)    desertification

      The **correct** combination of alternatives is

      (1)    (a), (c) and (d)
      (2)    (a) and (d)
      (3)    (b), (c) and (d)
      (4)    (b) and (c)

16      Identify the specific action that does not cause environmental issues directly

        (1)     modification of natural distribution of vegetation and animals
        (2)     overuse of soils
        (3)     pollution of water and air
        (4)     global population growth

17      Identify the driving forces of humankind's underlying behaviour

        (a)     population
        (b)     human agency
        (c)     technology
        (d)     sociocultural organisation
        (e)     sociopolitical structures

        The **correct** combination of alternatives is

        (1)     (a) and (c)
        (2)     (a), (b) and (c)
        (3)     (a), (c) and (d)
        (4)     (b) and (e)

18      Identify the mitigating forces of humankind's underlying behaviour

        (a)     market adjustment
        (b)     informal social regulation
        (c)     economic structures
        (d)     authoritative regulation
        (e)     human agency

        The **correct** combination of alternatives is

        (1)     (a) and (b)
        (2)     (a) and (d)
        (3)     (a), (b) and (d)
        (4)     (b), (c) and (e)

19      Which one of the following perspectives or theories states that population growth will
        outstrip food production and lead to famine, conflict and human misery for the poor?

        (1)     Brown theory
        (2)     Green perspective
        (3)     Boserup theory
        (4)     Malthusian perspective

**[TURN OVER]**

20    Identify the three priorities of sustainable development

    (a)    maintenance of ecological processes
    (b)    sustainable use of resources
    (c)    integration of economic systems
    (d)    maintenance of genetic diversity
    (e)    maintenance of economic and political systems

The **correct** combination of alternatives is

    (1)    (a), (b) and (c)
    (2)    (a), (b) and (d)
    (3)    (a), (b) and (e)
    (4)    (b), (c) and (d)

21    The guiding principles of sustainability, according to the deep ecology worldview, include the following

    (a)    natural harmony
    (b)    unlimited resources
    (c)    consumerism
    (d)    recycling
    (e)    simple material needs

The **correct** combination of alternatives is

    (1)    (a), (b) and (c)
    (2)    (a), (b) and (d)
    (3)    (a), (b) and (e)
    (4)    (a), (d) and (e)

22    Identify the benefits that tropical deforestation provides for human societies

    (a)    food
    (b)    biodiversity
    (c)    timber
    (d)    decrease in diseases such as malaria
    (e)    Jobs

The **correct** combination of alternatives is

    (1)    (a) and (b)
    (2)    (a) and (c)
    (3)    (a), (c) and (e)
    (4)    (b), (c) and (d)

23    Identify the effects associated with deforestation

      (b)    enhanced erosion
      (c)    decrease in flooding
      (d)    salinisation of land
      (e)    increase in rainfall

      The **correct** combination of alternatives is

      (1)    (a) and (b)
      (2)    (a), (b) and (d)
      (3)    (b) and (c)
      (4)    (c), (d) and (e)

24    Which one of the following, related to big dams, is **false**?

      (1)    People have constructed dams to manage water resources for the past 5 000
             years
      (2)    Dams are built to control floods and for irrigation
      (3)    Dams store water for a short amount of time and generate hydro-electricity
      (4)    The construction of dams offers protection from floods and droughts

25    Distinguish **three benefits** associated with big dams

      (a)    impact the biodiversity only in a positive way
      (b)    supply irrigation for crops
      (c)    guarantee water security
      (d)    provides recreational opportunities
      (e)    generate electricity

      The **correct** combination of alternatives is

      (1)    (a), (b) and (c)
      (2)    (a), (c) and (d)
      (3)    (b), (c) and (d)
      (4)    (b), (d) and (e)

26    Which one of the following statements related to the earth's past climate is **true**?

      (1)    The Pleistocene alternated between warm glacial and cold interglacial periods
      (2)    Our knowledge of the earth's climate over long time periods is derived from proxy
             indicators
      (3)    Explaining the changes in the earth's climate is quite simple
      (4)    The first evidence of the existence of former ice ages came from tectonic
             landforms

**[TURN OVER]**

27      Identify mechanisms of human-induced climatic change

        (a)     direct inputs of gasses and aerosols
        (b)     modification of land surfaces by deforestation
        (c)     disturbance of land surfaces by earthquakes
        (d)     alterations to the oceans through fresh water diversion

        The **correct** combination of alternatives is

        (1)     (a), (b) and (c)
        (2)     (a), (b) and (d)
        (3)     (b), (c) and (d)
        (4)     (c) and (d)

28      The reflectivity of a surface to sunlight is referred to as

        (1)     surface reflectivity
        (2)     ozone reflectivity
        (3)     albedo
        (4)     atmosphere reflectivity

29      Which one of the following statements related to acid rain is **true**?

        (1)     Acid rain is evenly distributed across the world
        (2)     The distribution of acid rain can be contained within political boundaries
        (3)     Tolerance of fish for water with higher than normal acid levels varies from species
                to species
        (4)     Acid rain causes an increase in lichens and mosses in industrialised regions

30      The ability of an ecosystem to neutralise incoming acids is referred to as the

        (1)     buffering capacity
        (2)     threshold capacity
        (3)     critical capacity
        (4)     dilution capacity

**[TOTAL FOR SECTION A: 40]**

**[TURN OVER]**

## SECTION B

**ANSWER ALL THE QUESTIONS.**

### Question 1

Study **figures 4 and 5** on the next page and answer the questions that follow

1 1    Study **figure 4**, identify the habitat and name one country in which it        (2)
       occurs

1 2    Study **figure 5** and explain how this area has been affected by humans        (2)

1 3    Explain how mangroves are destroyed by humans and by natural        (11)
       phenomena and specify the environmental and social impacts thereof

                                                                          **[15]**

### Question 2

Classify the impacts that are associated with the construction of big dams by
grouping them under the two broad categories, namely environmental impacts and
social impacts  Draw a table to illustrate your answer and include one example

                                                                          **[15]**

### Question 3

3 1    Define environmental degradation and describe the relationship between        (5)
       technology and environmental degradation  Include examples in your answer

3 2    Explain how economical, political and social values influence environmental        (10)
       change  Give four examples to support your answer

                                                                          **[15]**

### Question 4

Study **figure 6** on the next page and answer the questions that follow

4 1    Identify the missing information in **figure 6**  Follow the numbering system        (5)
       (1–5) in the figure when you give your answers

4 2    Discuss the criteria that are necessary for the successful implementation of        (10)
       sustainable development in terms of inputs and outputs according to the
       three cycles in **figure 6** (A, B and C)

                                                                          **[15]**
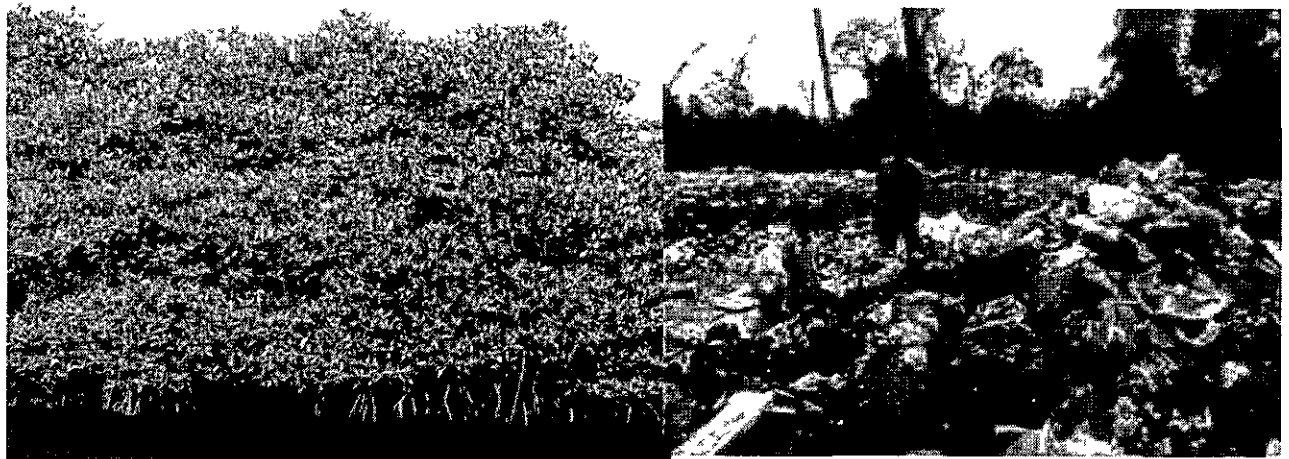
Figure 4: World map of a habitat



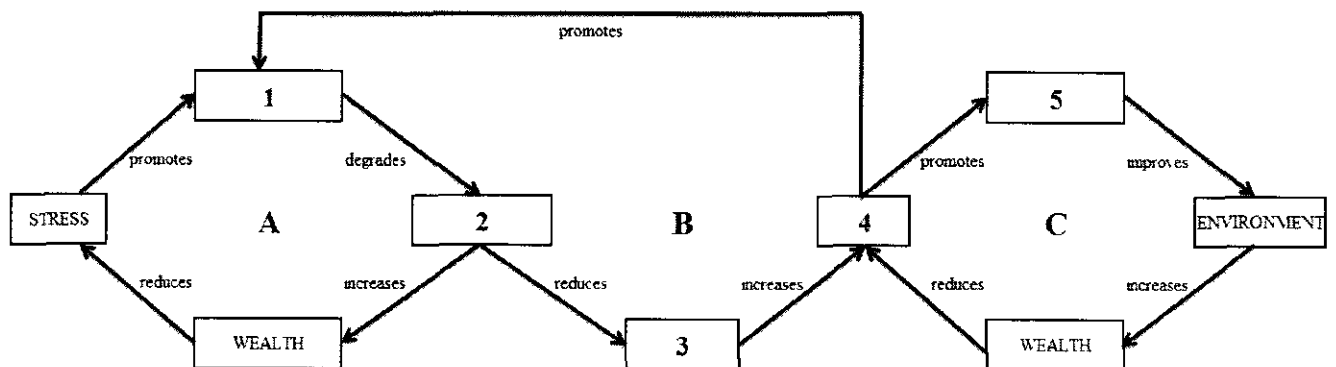Figure 5: A habitat affected by humans (Horan 2010)



Figure 6: The three cycles illustrating the relationships between modes of development and the environment (Middleton 2008)

TOTAL FOR SECTION B: 60]
[TOTAL FOR PAPER: 100]

# UNIVERSITY OF SOUTH AFRICA UNISA UNIVERSITEIT VAN SUID-AFRIKA

university of south africa

EXAMINATION MARK READING SHEET                     EKSAMEN-MERKLEESBLAD

## PART 1 (GENERAL/ALGEMEEN) DEEL 1

STUDY UNIT e g PSY100-X
STUDIE-EENHEID bv PSY100-X

**①**  -

INITIALS AND SURNAME
VOORLETTERS EN VAN **③**

DATE OF EXAMINATION
DATUM VAN EKSAMEN **④**

PAPER NUMBER
VRAESTELNOMMER **②**

EXAMINATION CENTRE (E G PRETORIA)
EKSAMENSENTRUM (BV PRETORIA) **⑤**

STUDENT NUMBER
STUDENTENOMMER **⑥**

UNIQUE PAPER NO
UNIEKE VRAESTEL NR **⑧**

**⑦**

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**⑨**

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For use by examination invigilator

Vir gebruik deur eksamenopsiener

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### IMPORTANT

1 USE ONLY AN HB PENCIL TO COMPLETE THIS SHEET
2 MARK LIKE THIS
3 CHECK THAT YOUR INITIALS AND SURNAME HAS BEEN FILLED IN CORRECTLY
4 ENTER YOUR STUDENT NUMBER FROM LEFT TO RIGHT
5 CHECK THAT YOUR STUDENT NUMBER HAS BEEN FILLED IN CORRECTLY
6 CHECK THAT THE UNIQUE NUMBER HAS BEEN FILLED IN CORRECTLY
7 CHECK THAT ONLY ONE ANSWER PER QUESTION HAS BEEN MARKED
8 DO NOT FOLD

### BELANGRIK

1 GEBRUIK SLEGS N HB POTLOOD OM HIERDIE BLAD TE VOLTOOI
2 MERK AS VOLG
3 KONTROLEER DAT U VOORLETTERS EN VAN REG INGEVUL IS
4 VUL U STUDENTENOMMER VAN LINKS NA REGS IN
5 KONTROLEER DAT U DIE KORREKTE STUDENTENOMMER VERSTREK HET
6 KONTROLEER DAT DIE UNIEKE NOMMER REG INGEVUL IS
7 MAAK SEKER DAT NET EEN ALTERNATIEF PER VRAAG GEMERK IS
8 MOENIE VOU NIE

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## PART 2 (ANSWERS/ANTWOORDE) DEEL 2

| | | | | |
|---|---|---|---|---|
| 1 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 36 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ **⑩** | 71 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 106 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ |
| 2 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 37 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 72 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 107 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ |
| 3 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 38 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 73 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 108 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ |
| 4 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 39 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 74 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 109 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ |
| 5 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 40 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 75 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 110 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ |
| 6 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 41 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 76 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 111 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ |
| 7 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 42 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 77 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 112 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ |
| 8 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 43 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 78 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 113 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ |
| 9 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 44 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 79 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 114 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ |
| 10 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 45 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 80 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 115 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ |
| 11 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 46 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 81 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 116 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ |
| 12 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 47 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 82 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 117 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ |
| 13 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 48 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 83 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ |
| 14 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 49 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 84 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ |
| 15 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 50 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 85 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | |
| 16 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 51 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | c2ɔ c5ɔ | 121 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ |
| 17 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 52 c1ɔ c2ɔ c3ɔ c4ɔ | 86 c2ɔ c3ɔ c4ɔ c5ɔ | 122 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ |
| 18 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 53 c1ɔ c2ɔ c3ɔ c5ɔ | 88 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 123 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ |
| 19 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 54 c2ɔ c3ɔ | 89 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 124 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ |
| 20 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | c2ɔ | 90 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 125 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ |
| 21 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 55 c2ɔ c3ɔ c4ɔ c5ɔ | 91 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 126 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ |
| 22 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 92 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 127 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ |
| 23 c1ɔ c2ɔ c3ɔ c4ɔ | 58 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 93 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 128 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ |
| 24 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 59 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 94 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 129 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ |
| 25 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 60 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 95 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 130 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ |
| 26 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 61 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 96 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 131 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ |
| 27 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 62 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 97 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 132 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ |
| 28 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 63 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 98 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 133 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ |
| 29 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 64 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 99 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 134 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ |
| 30 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 65 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 100 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 135 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ |
| 31 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 66 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 101 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 136 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ |
| 32 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 67 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 102 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 137 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ |
| 33 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 68 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 103 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 138 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ |
| 34 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 69 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 104 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 139 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ |
| 35 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 70 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 105 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ | 140 c1ɔ c2ɔ c3ɔ c4ɔ c5ɔ |