

IOP1503

(489446)

May/June 2017

ENVIRONMENTAL PSYCHOLOGY

Duration 2 Hours

75 Marks

EXAMINERS

FIRST

SECOND

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Closed book examination

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This examination question paper consists of 15 pages plus instructions for the completion of a mark-reading sheet.

ANSWER ALL QUESTIONS

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SECTION A

Answer all the questions on the mark reading sheet Please complete the mark reading sheet as indicated on the instruction form The unique number is 483712

- 1 Which one is **not** of the behavioural theories which are important when trying to find out what has caused certain behaviour within a particular environment?
 - 1) Motivation theories
 - 2) Stimulus theories
 - 3) Arousal theories
 - 4) Overload theories

- 2 Which of the following statements is **not** one of the issues with open-plan offices
 - 1) The overall perceptions of employees in open-plan offices tend to be positive
 - 2) The overall perceptions of employees in open-plan offices tend to be negative
 - 3) Open-plan offices are supposed to improve communication and supervisory control
 - 4) Open-plan offices are supposed to facilitate positive work-related behaviour

- 3 Which of these options is **not** a benefit, which a person experiences when territoriality has been achieved?
 - 1) A sense of wellbeing
 - 2) Feelings of control
 - 3) Regulated usage
 - 4) A pleasant setting

- 4 In Kurt Lewin's formula for understanding environmental psychology what does the "B" stand for?
 - 1) Bridging
 - 2) Biology
 - 3) Behaviour
 - 4) Bona fide

- 5 Sustained life on earth is a characteristic of _____
 - 1) individual organisms
 - 2) ecosystems
 - 3) populations
 - 4) recycling

- 6 Which of the following is **not** one of the current trends influencing environmental psychology?
 - 1) Population trends
 - 2) Human behaviour
 - 3) Resource depletion
 - 4) Environmental upgrading

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- 7 Environmental psychology is the study of _____
- 1) the changing physical environment
 - 2) location, design, membership and social organisation
 - 3) physical aspects and dimensions of places
 - 4) interactions between people and their environment
- 8 Designing spaces to have natural ventilation, thereby decreasing the need for air-conditioning which uses electricity, is an example of _____
- 1) social design
 - 2) green design
 - 3) communal design
 - 4) beneficial design
- 9 The extent to which measurements provide consistent information is known as _____, whether those measurements actually measure what they claim to is _____
- 1) validity, reliability
 - 2) reliability, operationalism
 - 3) operationalism, validity
 - 4) reliability, validity
- 10 Arousal theories can be explained as _____
- 1) when there is too little or too much provocation
 - 2) sensory overload that guides our behaviour
 - 3) the assumption that how we act or behave depends on how stirred up we are
 - 4) the role of the body, emotions and thinking in person-environment interaction
- 11 According to the _____, the environment can limit or interfere with the behaviour of a person within that environment depending on how much power or influence that person has over it
- 1) behaviour setting theory
 - 2) stimulus theory
 - 3) arousal theory
 - 4) control theory
- 12 Light is important to our overall well-being and general health. People who encounter a lack of sunlight during winter often experience levels of depression, which is known as _____
- 1) ambient stressor syndrome
 - 2) lack of light depression
 - 3) seasonal affective disorder
 - 4) winter depression disorder

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- 13 What does the term "environmental degradation" mean?
- 1) The impact of cities on the natural environment
 - 2) Unsustainable practices
 - 3) The depletion or destruction of potentially renewable resources
 - 4) The effect of humans on the natural environment
- 14 _____ is/are the amount of goods and services that a worker produces in a given amount of time
Physical and location factors greatly affect performance
- 1) Physical performance
 - 2) Individual work roles
 - 3) Sustainable productivity
 - 4) Worker productivity
- 15 There are several business benefits for organisations that pursue green business and sustainability Which of the following areas is **not** a benefit or opportunity of green business?
- 1) Reduced costs
 - 2) Employee morale
 - 3) Positive public relations
 - 4) Increased socialisation
- 16 The General Adaptation Model developed by Hans Selye is a handy way of understanding the _____ reaction to stress
- 1) biophysical
 - 2) psychological
 - 3) physiological
 - 4) psychosocial
- 17 Which of the following areas is **not** a way in which we can conserve energy?
- 1) Re-using discarded products
 - 2) Developing an energy-saving attitude
 - 3) Throwing used goods away
 - 4) Recycling products

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- 18 These three topics concern factors influencing the ways humans position themselves in comparison with others in the social and physical environment, also known as person-environmental spatial relationships
- 1) Territoriality, privacy and personal space
 - 2) Territoriality, isolation and personal space
 - 3) Territoriality, solitude and personal space
 - 4) Territoriality, privacy and private space
- 19 Primary, secondary and public human territories are categorised as such by what factor?
- 1) The centrality of the territory to one's personal life
 - 2) The degree of ownership and access
 - 3) Permanence of the territory
 - 4) The value of the property to the individual
- 20 Anonymity refers to when a person wishes to be among others but does not want to be personally identified, and is a form of _____
- 1) solitude
 - 2) privacy
 - 3) reservation
 - 4) intrusion
- 21 The types of distances associated with personal space have a close and far phase which represent the distance zones between two people _____ is for comforting and other full-contact activities. People who interact at this distance are on close terms
- 1) Personal space
 - 2) Intimate space
 - 3) Social space
 - 4) Public space
- 22 Which of the following is **not** an appropriate environmental psychology value that is important for environmental best practices?
- 1) *Protecting the environment*
 - 2) Unity with nature
 - 3) Awareness for a world of beauty
 - 4) Disregard for tradition

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- 23 Stress is the emotional and physical strain caused by our response to pressure from the outside world. Ramona's child has been very sick at home for a long time and this has kept her awake at night causing her to make mistakes at work and this has been stressing her out even more. This is an example of which type of stressor?
- 1) Major life event
 - 2) Ambient environment
 - 3) Daily problems
 - 4) Cataclysmic event
- 24 When designing workspaces several factors must be taken into account, which are not related to the physical design, but rather to their psychological impact on the workers. _____ is a psychological factor that should be taken into account.
- 1) Stimulation
 - 2) Socialisation
 - 3) Identity
 - 4) Control
- 25 The stimulus theory as used in environmental psychology refers to _____.
- 1) the fact that how we act or behave in an environment depends on how stirred up we are
 - 2) stimulation received during childhood experiences
 - 3) the behaviour of a person within that environment
 - 4) the environment as full of sensory information that guides our behaviour
- 26 In environmental psychology research terminology, cognition refers to _____.
- 1) the direct observation of phenomena in their natural setting
 - 2) the process of thought
 - 3) having an emotional impact
 - 4) the quality of being dependable
- 27 Which of the following is **not** part of the definition of environmental perception?
- 1) The initial gathering of information
 - 2) The stimuli in the environmental assessment
 - 3) The collection of information through our senses
 - 4) A very complicated process
- 28 The study found that Western culture (e.g. North American) people think of themselves as highly independent entities. And when looking at scenes, Westerners tend to focus on central objects more than on their surroundings (Hedden & Gabrieli, 2008). This is an example of how _____ influence(s) environmental perception.
- 1) cultural environment
 - 2) the perception of culture
 - 3) cultural inaccuracy
 - 4) cultural differences

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- 29 Cataclysmic events are those stressors which _____
- 1) occur suddenly and have some impact on a few people
 - 2) occur suddenly and have a great impact on large numbers of people
 - 3) occur over long periods of time, have low impact and are present in daily life
 - 4) result in immediate death to those exposed to them
- 30 _____ is a term used to describe practices that facilitate a place's progress towards the goal of sustainable living that attempts to reduce an individual's or society's use of natural resources
- 1) Urban renewal
 - 2) Urban sustainability
 - 3) Urban regeneration
 - 4) Urban augmentation
- 31 In environmental psychology, stress can be thought of as _____
- 1) something terrible that is happening to a person
 - 2) caused by the events in today's times
 - 3) caused by our response to pressure from the outside world
 - 4) the amount of tension placed upon a person
- 32 For purposes of environmental psychology, how is noise defined?
- 1) Unwanted sound
 - 2) Sound above 100 dB
 - 3) Unnatural frequency
 - 4) Sound over which one has no control
- 33 When stress, tension and pain are caused by the improper designing of the job, equipment and workplace to fit the worker such as using furniture incorrectly, this is referred to as _____
- 1) poor design
 - 2) poor ergonomics
 - 3) flawed design
 - 4) ergonomicality

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- 34 Coping refers to the ability to _____
- 1) prevent, avoid or control emotional stress
 - 2) source resources prior to experience
 - 3) acquire knowledge of consequences
 - 4) the evaluation of alternatives involved
- 35 _____ is an example of the stress relieving factor which may assist in stress reduction where a strong network such as friends and family helps the person cope with stress
- 1) Attitude
 - 2) Social support
 - 3) Hardy personality
 - 4) Relaxation
- 36 The goal of workplace design is to provide spaces that allow people to do their jobs with maximum effectiveness and comfort. Which of the following does not support the work of groups?
- 1) Creation of a community
 - 2) Open proximity
 - 3) Link communities
 - 4) Collaborative design
- 37 Designing offices to have natural light coming in from well-placed windows, thereby decreasing the need for artificial lighting, is an example of _____
- 1) social design
 - 2) communal design
 - 3) green design
 - 4) beneficial design
- 38 _____ refers to a collection of health problems linked to substances generated in office environments
- 1) Ambient stressor syndrome
 - 2) Sick-building syndrome
 - 3) Office health syndrome
 - 4) Ill-office syndrome

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- 39 _____ refers to the number of individuals per given unit of land area which put stress on the environment, society and resources
- 1) Territoriality
 - 2) Overcrowding
 - 3) Population density
 - 4) Lack of privacy
- 40 For humans, sustainability is the potential for long-term maintenance of wellbeing, which has environmental, economic and social dimensions _____ is development that meets the needs of the present without compromising the ability of future generations to meet their own needs
- 1) Sustainable development
 - 2) Green development
 - 3) Ecological development
 - 4) Natural development
- 41 Which of the following is **not** a characteristic of territoriality?
- 1) Its boundaries are invisible
 - 2) Its focal point can be the home
 - 3) Defence is the characteristic response to intrusion
 - 4) It is a relatively stationary area
- 42 An architect designing an office and an ergonomist seeing to it that the equipment and the lighting in the offices are up to standard, while an environmental psychologist assesses the psychological impact on the employees, is an example of _____
- 1) behavioural science
 - 2) multidisciplinary science
 - 3) systematic interrelationship
 - 4) environmental design
- 43 A fruit farmer in Mpumalanga putting up "no trespassing" signs and electric fencing around his property to keep the local community from taking the fruit without permission in order to protect his harvest is an example of _____ behaviour
- 1) occupancy
 - 2) possessive
 - 3) ownership
 - 4) territorial

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- 44 Research findings into temperature and productivity of office employees indicate that performance is _____
- 1) better when the weather is somewhat warmer than usual
 - 2) worse when the weather is somewhat warmer than usual
 - 3) better when the weather is a bit colder than usual
 - 4) worse when the weather is a bit colder than usual
- 45 _____ occurs in situations of high population density where personal space is at a premium and is a source of environmental stress
- 1) Territoriality
 - 2) Crowding
 - 3) Population density
 - 4) Lack of privacy
- 46 The types of distances associated with personal space have a close and far phase which represents the distance zones between two people _____ is a zone is used by speakers and their audiences such as a lecturer speaking to a group of 30 or 40 people
- 1) Personal space
 - 2) Public space
 - 3) Intimate space
 - 4) Social space
- 47 According to Garvare and Isaksson (2001) which of the following reasons do **not** indicate why businesses should pursue sustainability?
- 1) The objective is to satisfy the needs of humans while keeping a balance with organisational *profitability*
 - 2) Our morality (our ethical values and principles) and our respect for the next generation This implies that we live only on what is available today without borrowing from future generations
 - 3) In terms of survival, the stress that we are placing on ecosystems is far too large for the continued wellbeing of the planet Therefore, sustainability is in fact a prerequisite for the long-term survival of the planet and its resources
 - 4) There are several organisational benefits and by embracing sustainability an organisation positions itself to face the future
- 48 As an *environmental psychology* practitioner, you may be asked to assist organisations in tackling and managing the issue of employee privacy _____ is what happens when a person is publicly misrepresented, which is highly offensive to any reasonable person
- 1) Intrusion
 - 2) Appropriation
 - 3) Public disclosure of private facts
 - 4) False light

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- 49 _____ is one of the *described* psychological factors that impact on workers which should be taken into account when designing workspaces
- 1) Lighting
 - 2) Manageability
 - 3) Identity
 - 4) Temperature
- 50 When designing workspaces several factors must be taken into account, which are not related to the physical design, but rather to their psychological impact on the workers _____ is often facilitated by an open-plan office, such as being able to look at one another and the sound of other people talking, reminding us that we are not alone
- 1) Stimulation
 - 2) Socialisation
 - 3) Identity
 - 4) Control
- 51 Attitudes are known to have three components, namely cognitive, affective and conative components. What is an example of a conative component?
- 1) Emotion
 - 2) Thought
 - 3) Behaviour
 - 4) Situation
- 52 Several psychological factors must be taken into account when designing work spaces which are not related to the physical design but rather to their psychological impact on the workers. Which of the options below is **not** a psychological factor?
- 1) Stimulation
 - 2) Socialisation
 - 3) Identity
 - 4) Relaxation
- 53 To burst into tears during an argument with someone is an example of which component of an attitude?
- 1) Cognitive
 - 2) Situation
 - 3) Conative
 - 4) Affective
- 54 As an environmental psychology practitioner, you may be asked to assist organisations in tackling and managing the issue of employee privacy. _____ arises when someone intentionally intrudes on another person's private affairs or concerns and is considered to be highly offensive
- 1) Intrusion
 - 2) Appropriation
 - 3) Public disclosure of private facts
 - 4) False light

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- 55 The term "urbanisation" used in environmental psychology refers to _____
- 1) movement of people from rural to urban areas and the growth of urban areas
 - 2) high population volumes
 - 3) practices that facilitate a place's or region's progress towards the goal of sustainable living
 - 4) high population density
- 56 Which of the following is **not** a stress relieving factor?
- 1) Attitude
 - 2) Relaxation
 - 3) Action
 - 4) Control
- 57 What is environmental perception?
- 1) The way and means by which we collect information through all our senses
 - 2) The way we acquire, store, organise and recall information about our environment
 - 3) How individuals respond to everyday scenes
 - 4) How we think about or remember a place with no particular reference to its relative location
- 58 "The region surrounding a person which they regard as psychologically theirs" is a definition of _____
- 1) personal space
 - 2) psychological space
 - 3) territoriality
 - 4) space allocation
- 59 The term "environment" as used in environmental psychology refers to _____
- 1) the setting in which behaviour takes place
 - 2) the individual's reaction to certain environmental stimuli
 - 3) orderly, predictable relationships between dependent systems
 - 4) human-environment interaction
- 60 Kurt Lewin's formula for understanding environmental psychology states that behaviour is a function of the person and his or her environment. What does the "P" stand for?
- 1) Place
 - 2) Personality
 - 3) Person
 - 4) Psychology
- 61 Privacy is an interpersonal boundary-control process by means of which we regulate contact with others. Within this context, "selective control" refers to _____
- 1) acquiring a balance between too much and too little privacy
 - 2) particular forces that cause us to approach some for interaction and to avoid others so as to be alone
 - 3) whether others will be permitted to join in and on the type of interaction we want to exhibit
 - 4) a dialectic process of opening and closing the self to others, thereby regulating contact

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- 62 Raising a white-coloured flag to show that we don't want to fight anymore is an example of a(n) _____ influence on environmental perception
- 1) personal
 - 2) cultural
 - 3) physical
 - 4) environmental
- 63 _____ is/are an example of the physiological processes that take place in a stressful situation
- 1) The appraisal process
 - 2) The cognitive process
 - 3) Emotional outbursts
 - 4) The alarm reaction
- 64 Personal, cultural and physical _____ will have an effect on how we perceive the environment
- 1) personalities
 - 2) activities
 - 3) reactions
 - 4) influences
- 65 Rating scales can be defined as _____, and are used when doing research in environmental psychology
- 1) an instrument that requires the rater to assign the number which is considered to reflect their perceived value
 - 2) instruments used when people are asked to provide information regarding their opinions, beliefs, behaviours and attitudes
 - 3) carefully controlled conditions designed to eliminate the influence of non-related variables
 - 4) the relationship or association between two or more variables associated with a natural event or real-world situation
- 66 At the World Summit on Sustainable Development held in Johannesburg in 2002 five areas of sustainable development were identified Which of the following is **not** one of those areas?
- 1) Increased housing possibilities
 - 2) Increased use of renewable energy sources
 - 3) The reduction of land degradation
 - 4) The reduction of hazardous waste materials

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- 67 Environmental psychology as field of study examines _____
- 1) physical and social dimensions of the environment
 - 2) overcrowding, traffic congestion and noise
 - 3) human behaviour and wellbeing in relation to the environment
 - 4) reduced stress and increased productivity
- 68 According to Gifford (207), when people believe that it is impossible or too difficult to regain control (that no matter how much effort they put in they won't be successful) in overcoming an unpleasant or painful situation, it is referred to as _____
- 1) a stressful situation
 - 2) learned helplessness
 - 3) negative behaviour
 - 4) loss of control
- 69 Privacy is an interpersonal boundary-control process by means of which we regulate contact with others. Within the context, "selective control" refers to _____?
- 1) Particular forces that cause us to approach some for interaction and to avoid others to be alone
 - 2) Acquiring a balance between too much and too little privacy
 - 3) Whether others will be permitted to join in and on the type of interaction we want to exhibit
 - 4) A dialectic process of opening and closing the self to others thereby regulating contact
- 70 In environmental psychology the term "environment" is defined by Veitch and Arkkelin (1995) as any natural setting, man-made setting or work setting. Which of the following examples cannot be included in this definition?
- 1) The beach
 - 2) Airplane cockpit
 - 3) A cafeteria
 - 4) A human
- 71 Environmental psychologists study the ways people and the physical environments influence each other. The definition of this "systematic inter-relationship" is _____
- 1) employees reactions to certain environmental stimuli
 - 2) orderly, predictable relationships between dependent systems
 - 3) the effect of cramped work environments on the execution of a specific task
 - 4) the kind of behaviour a person exhibits in an office
- 72 Which of the following examples is a characteristic of an unsustainable city?
- 1) There is no dumping of waste
 - 2) Materials are reused
 - 3) It is vehicle-orientated
 - 4) Vegetation in the city is protected

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- 73 When comparing rural-living to urban-living, which of the following is **not** an issue of the urban environment on the physical, social and psychological functioning of people as discussed by Veitch and Arkkelin (1995)
- 1) Noise pollution
 - 2) People avoid eye contact with strangers
 - 3) Incidence of crime
 - 4) Slow pace of living
- 74 A sustainable city is a city that has been designed with environmental concerns in mind. Which of the following is **not** a characteristic of a sustainable city?
- 1) There is no pollution or dumping of waste
 - 2) Energy and materials are used effectively
 - 3) It is orientated to motor vehicles
 - 4) Vegetation in close proximity to the city is protected
- 75 How workspace is designed and occupied affects not only how people feel, but also their work performance, their commitment to their employer, and the creation of _____ in the organization
- 1) new knowledge
 - 2) employment opportunities
 - 3) interaction
 - 4) dependency

TOTAL [75]

PART 1 (GENERAL/ALGEMEEN) DEEL 1

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For use by examination invigilator
Vir gebruik deur eksamenopsiener

IMPORTANT

- USE ONLY AN HB PENCIL TO COMPLETE THIS SHEET
- MARK LIKIL THIS
- CHECK THAT YOUR INITIALS AND SURNAME HAS BEEN FILLED IN CORRECTLY
- ENTER YOUR STUDENT NUMBER FROM LEFT TO RIGHT
- CHECK THAT YOUR STUDENT NUMBER HAS BEEN FILLED IN CORRECTLY
- CHECK THAT THE UNIQUE NUMBER HAS BEEN FILLED IN CORRECTLY
- CHECK THAT ONLY ONE ANSWER PER QUESTION HAS BEEN MARKED
- DO NOT FOLD

BELANGRIK

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

PART 2 (ANSWERS/ANTWOORDE) DEEL 2

1	(1)	(2)	(3)	(4)	(5)
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84	(1)	(2)	(3)	(4)	(5)
85					

MARK READING SHEET INSTRUCTIONS

Your mark reading sheet is marked by computer and should therefore be filled in thoroughly and correctly

USE ONLY AN HB PENCIL TO COMPLETE YOUR MARK READING SHEET

PLEASE DO NOT FOLD OR DAMAGE YOUR MARK READING SHEET

Consult the illustration of a mark reading sheet on the reverse of this page and follow the instructions step by step when working on your sheet

Instruction numbers ❶ to ❿ refer to spaces on your mark reading sheet which you should fill in as follows

- ❶ Write your paper code in these eight squares, for instance

P	S	Y	1	0	0	-	X
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- ❷ The paper number pertains only to first-level courses consisting of two papers

WRITE

0	1
---	---

 for the first paper and

0	2
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 for the second. If only one paper, then leave blank

- ❸ Fill in your initials and surname
- ❹ Fill in the date of the examination
- ❺ Fill in the name of the examination centre
- ❻ WRITE the digits of your student number HORIZONTALLY (from left to right). Begin by filling in the first digit of your student number in the first square on the left, then fill in the other digits, each one in a separate square
- ❼ In each vertical column mark the digit that corresponds to the digit in your student number as follows [-]
- ❽ WRITE your unique paper number HORIZONTALLY
NB Your unique paper number appears at the top of your examination paper and consists only of digits (e.g. 403326)
- ❾ In each vertical column mark the digit that corresponds to the digit number in your unique paper number as follows [-]
- ❿ Question numbers 1 to 140 indicate corresponding question numbers in your examination paper. The five spaces with digits 1 to 5 next to each question number indicate an alternative answer to each question. The spaces of which the number correspond to the answer you have chosen for each question and should be marked as follows [-]
- ◆ For official use by the invigilator. Do not fill in any information here

Tear

UNISA University of South Africa
attendance register
(university copy)

Fill-in/MCQ



Examination period

Student number

Surname

First Names

Subject

Code of paper

Number of paper

Centre

Date

This is to certify that I have read the rules governing the examinations as set out on the inside cover of this examination answer book and in the examination instructions

That the information supplied by me in this answer book is correct and valid

I undertake to adhere to the procedures, rules and regulations of the University of South Africa as published in the official brochures

Signature of candidate

ID Number

Batch No
28092015MCQ

Signature of invigilator

UNISA invigilator's personnel number

NOTE Not a valid document if not completed by the invigilator

Tear

UNISA University of South Africa
attendance register
(student copy)

Fill-in/MCQ



Examination period

Student number

Surname

First Names

Subject

Code of paper

Number of paper

Centre

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Signature of candidate

ID Number

Batch No
28092015MCQ

Signature of invigilator

UNISA invigilator's personnel number

NOTE Not a valid document if not completed by the invigilator