OFFICE OF TASMANIAN ASSESSMENT, STANDARDS & CERTIFICATION

Tasmanian Certificate of Education
External Assessment 2017

PLACE YOUR CANDIDATE LABEL HERE

HEALTH STUDIES

(HLT315113)

Pages:	12
Questions:	4

Section A – Personal Health

Time: 60 minutes

Candidate Instructions

1. You **MUST** make sure that your responses to the questions in this examination paper will show your achievement in the criteria being assessed.
2. Answer **THREE** questions from this part.
   - You must answer **BOTH** Questions 1 and 2.
     and
   - **EITHER** Question 3 **OR** Question 4
3. Answers must be written in the spaces provided on the examination paper.
4. You should make sure you answer all parts within each question so that the criterion can be assessed.
5. It is recommended that you spend approximately 60 minutes in total answering the questions in this booklet.
6. All written responses must be in English.

On the basis of your performance in this examination, the examiners will provide results on each of the following criteria taken from the course statement:

Criterion 1 Demonstrate an understanding of health and the factors that influence the health of individuals.

Criterion 3 Identify and profile health issues, and demonstrate understanding of preventative, curative and treatment strategies.

Criterion 7 Analyse and interpret health related data and information.

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Question 1 (10 minutes)

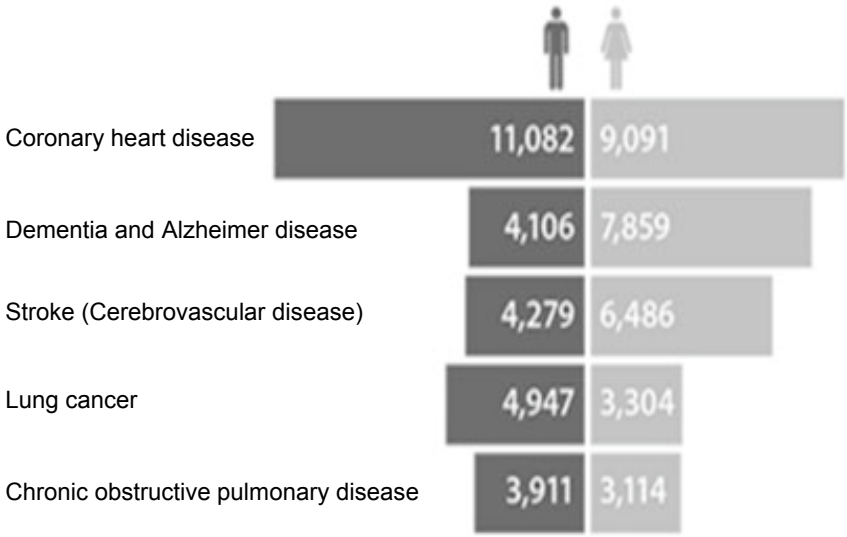
This question assesses **Criterion 7**.

Use the information contained in the table and graph below to answer the following questions.

Figure 1: Leading underlying cause of death by sex – 2009

	Males			Females		
Rank	**Cause of death (code)**	**Number of deaths**	**% of all male deaths**	**Cause of death (code)**	**Number of deaths**	**% of all female deaths**
1	Coronary heart disease (I20-25)	12 047	16.7	Coronary heart disease (I20-25)	10 476	15.3
2	Lung cancer (C33-C34)	4 761	6.6	Stroke (cerebrovascular disease) (I60-I69)	6 706	9.8
3	Stroke (cerebrovascular disease) (I60-I69)	4 514	6.2	Dementia and Alzheimer's disease (F01, F03, G30)	5 491	8.0
4	Chronic lower respiratory diseases (J40-J47)	3 209	4.4	Lung cancer (C33-C34)	3 025	4.4
5	Prostate cancer (C61)	3 111	4.3	Breast cancer (C50)	2 772	4.1

Figure 2: Leading underlying cause of death by sex – 2014 (by number of deaths)



(a) What was the leading cause of death (by number of deaths) for males and females in? (2 marks)

Year	Males	Females
2009		
2014		

Question 1 continues.

Question 1 (continued)

(b) Compare the differences between the three leading causes of death in males and females in 2009. Use data to support your answer. (3 marks)

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(c) Compare the differences between the three leading causes of death in males and females in 2014. Use data to support your answer. (3 marks)

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(d) Identify **one** major trend that is similar in leading causes of death between 2009 and 2014 for either males or females? Use data to highlight this trend. (2 marks)

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Question Total
/10

Question 2 (20 minutes)

This question assesses **Criterion 1**.

There are many socio-cultural factors that can affect the health of an adolescent. These can include and are not limited to: socioeconomic status, employment, education, gender, ethnicity, geographical location, sexual orientation and peer influences.

Choose **two** of the above factors:

- discuss how they impact on the health of an adolescent, both positively and negatively; and
- explain how the **two** chosen factors interrelate.

(20 marks)

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Question 2 continues.

Question 2 (continued)

Question 2 continues.

Question 2 (continued)

Question Total
/20

Answer:	**EITHER**	**Question 3**
	OR	**Question 4**

Question 3 (30 minutes)

This question assesses **Criterion 3**.

Adolescents make frequent lifestyle choices that affect their health. These choices are assisted by but not limited to: peer pressures, cultural pressures, lack of health education, health inequalities, mental capacity, genetic predisposition and in the case of drugs and alcohol, addiction to a substance.

- Describe **one** high profile preventable lifestyle health issues affecting the health of adolescents. You should refer to **at least two** statistics in your answer.
- What supportive environments/services are available for prevention/treatment or cure of the health issue?
- What strategies could a young person put in place to advocate more towards the prevention of this health issue?

(30 marks)

Question 4 (30 minutes)

This question assesses **Criterion 3**.

There are a wide range of behaviours that young people may engage in with some being but not limited to: drug and alcohol use, unsafe sexual activity, risky online activity, illegal or hazardous activities (e.g. vandalism), dangerous driving and gang involvement.

Choose **one** of the above risk taking behaviours and answer the following questions in relation to the behaviour.

- Discuss **two** reasons why a young person might engage in the risk taking behaviour.
- Discuss **three** health related (physical/emotional/mental/social) consequences of engaging in the behaviour; refer to statistics to highlight the impact on young people.
- What are **three** effective risk reduction strategies/personal skills that a young person might use to reduce any harm associated with the risk taking behaviour? One of the strategies **must** include how a parent/carer/friend could help the adolescent.

(30 marks)

Question Number:

(In the box write the number of the question you are answering)

Question Total
/30

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HEALTH STUDIES

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Pages:	12
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Section B – Health in Australia

Time: 60 minutes

Candidate Instructions

1. You **MUST** make sure that your responses to the questions in this examination paper will show your achievement in the criteria being assessed.
2. Answer **THREE** questions from this part.
   - You must answer **BOTH** Questions 5 and 6
   and
   - **EITHER** Question 7 **OR** Question 8
3. Answers must be written in the spaces provided on the examination paper.
4. You should make sure you answer all parts within each question so that the criterion can be assessed.
5. It is recommended that you spend approximately 60 minutes in total answering the questions in this booklet.
6. All written responses must be in English.

On the basis of your performance in this examination, the examiners will provide results on each of the following criteria taken from the course statement:

Criterion 2 Analyse factors influencing the health status of a population.

Criterion 3 Identify and profile health issues, and demonstrate understanding of preventative, curative and treatment strategies.

Criterion 7 Analyse and interpret health related data and information.

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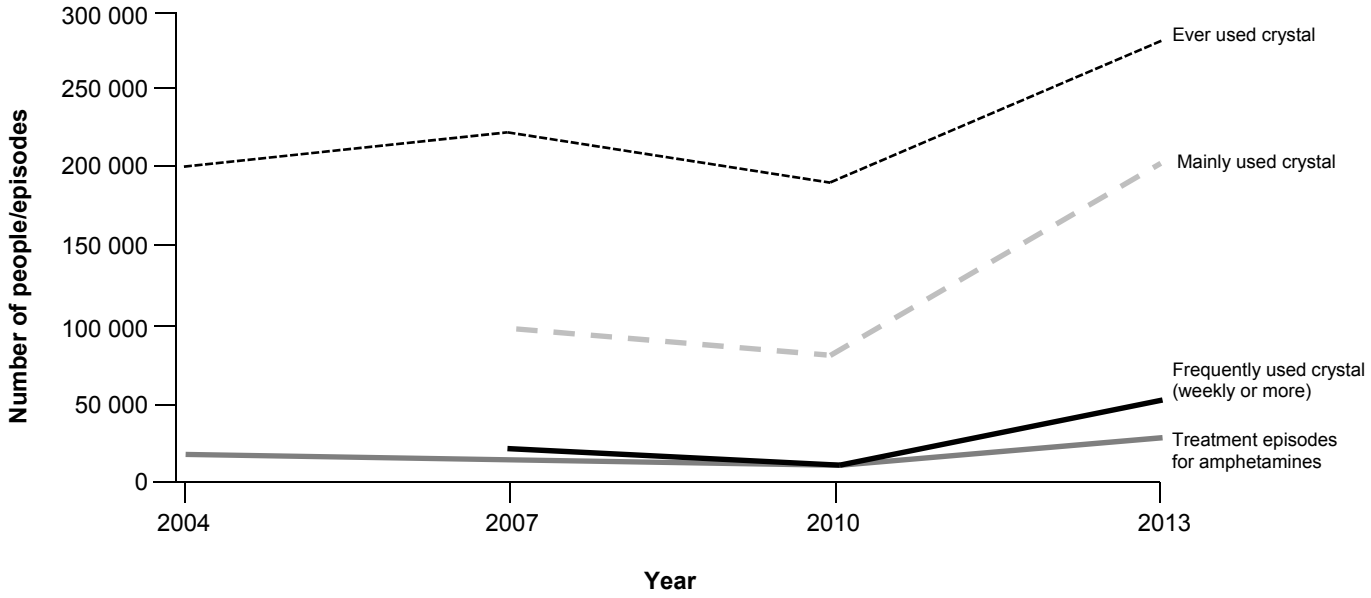
Question 5 (10 minutes)

This question assesses **Criterion 7**.

Use the information contained in the graph below to answer the following questions.

Recent methamphetamine (crystal) users who 'ever used', 'mainly used' and 'used crystal at least weekly' and closed episodes for clients receiving treatment for amphetamines 2004 to 2013



(a) From 2010 to 2013 how much did crystal use increase in the 'mainly used' crystal group? (1 mark)

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(b) Using data, discuss a major concern represented on the graph. (2 marks)

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Question 5 continues.

Question 5 (continued)

(c) Describe the trend in methamphetamine use for those who 'ever used' crystal from 2004 to 2013. (3 marks)

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(d) What is the relationship between users who 'ever used', 'mainly used' and 'frequently used' crystal in relation to treatment episodes? Make reference to data. (4 marks)

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Question Total
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Question 6 (20 minutes)

This question assesses **Criterion 3**.

Choose **one** National Health Priority Area (NHPA).

- Detail what the condition/disease is and discuss **one** lifestyle factor that could contribute towards developing the condition/disease.
- Discuss whether the prevalence of this condition/disease is increasing or decreasing, make reference to statistics.
- Discuss **two** community preventative OR curative OR other treatment strategies associated with this NHPA.

(20 marks)

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Question 6 continues.

Question 6 (continued)

Question 6 continues.

Question 6 (continued)

Question Total
/20

Answer: **EITHER** **Question 7**

OR **Question 8**

Question 7 (30 minutes)

This question assesses **Criterion 2**.

Within Australia, exist groups of people who experience poor health when compared to other Australians.

- Compare and contrast the health status of **one** group of your choice. Make reference to **two** factors that create health inequalities for this group in Australia.
- Discuss **one** physical, **one** sociocultural and **one** political factor that contributes to the group's disadvantage.
- Discuss **one** strategy that has been implemented to improve the inequalities in health status for your chosen group. Make reference to the Social Justice Principles (SJP's).

(30 marks)

Question 8 (30 minutes)

This question assesses **Criterion 2**.

How does our current health care system work? In your answer discuss:

- The **two** main components of Australia's health care system; the public health system and private health system, including advantages and disadvantages of each.
- A range of examples of how our current health system supports and does not support the Social Justice Principles (SJP's)?
- How do complementary and alternative health care services differ in the public and private health care systems, and how does this have an effect on the population's health?

(30 marks)

Question Number:

(In the box write the number of the question you are answering)

Question Total
/30

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HEALTH STUDIES

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Section C – Global Health

Time: 60 minutes

Candidate Instructions

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2. Answer **THREE** questions from this part.
   - You must answer **BOTH** Questions 9 and 10.
   and
   - **EITHER** Question 11 **OR** Question 12
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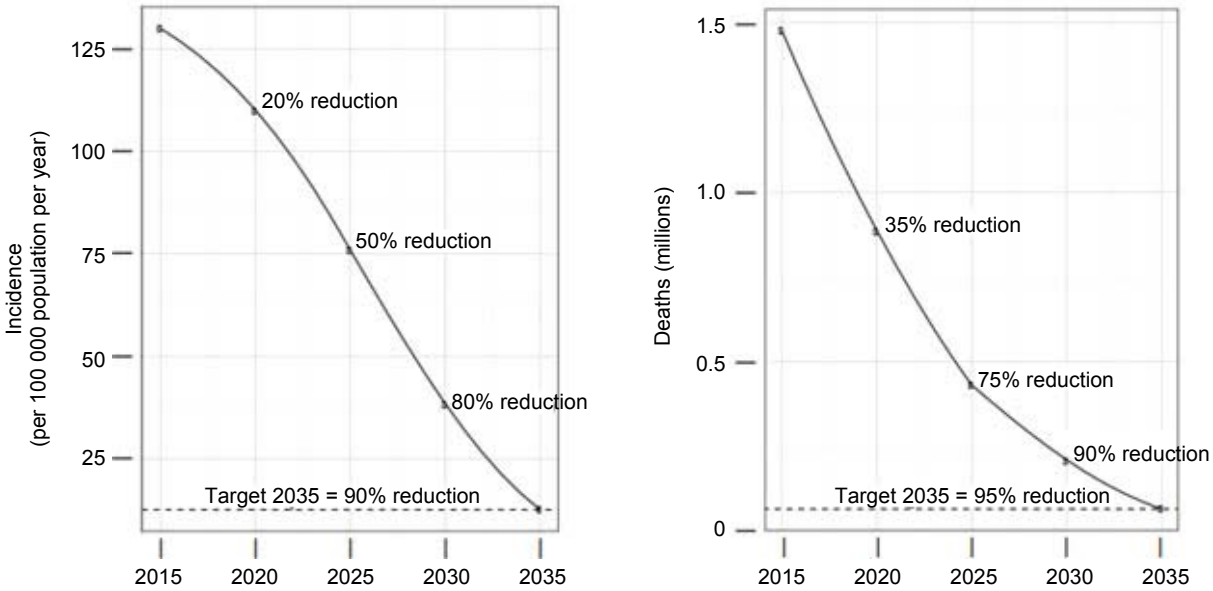
Question 9 (10 minutes)

This question assesses **Criterion 7**.

Use the information contained in the table below to answer the following questions.

Trajectories of Tuberculosis (TB) incidence and number of TB deaths required to achieve the target's set out in the World Health Organisation (WHO) End TB Strategy



(Source: Adapted from World Health Statistics – 2016)

(a) (i) How many incidences of TB were there in 2015? (1 mark)

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(ii) How many deaths from TB were there in 2015? (1 mark)

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(b) What is the WHO 2030 percentage projected reduction in the:

(i) TB incidence rate? (1 mark)

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(ii) number of TB deaths? (1 mark)

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Question 9 continues.

Question 9 (continued)

(c) Refer to the data on deaths, what is the projected percentage reduction difference between: (2 marks)

2020 and 2025?

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2025 and 2030?

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(d) Describe using data, the projected trend evident in the TB incidences graph as compared to the projected trend evident in the TB deaths graph. (4 marks)

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Question Total
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Question 10 (20 minutes)

This question assesses **Criterion 2**.

Current data suggests large differences between developing and developed countries health status.

- Briefly outline **two** indicators that are used to measure the health status of populations, both developed and developing.
- Use data to compare the indicators mentioned above between Australia and a developing country of your choice. Provide **one** reason this exists.
- Discuss **two** components of sustainable Primary Health Care (PHC) that would be of benefit to the developing country mentioned above, that would contribute to reducing the burden of disease.

(20 marks)

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Question 10 continues.

Question 10 (continued)

Question 10 continues.

Question 10 (continued)

Question Total
/20

Answer: **EITHER** **Question 11**

OR **Question 12**

Question 11 (30 minutes)

This question assesses **Criterion 1**.

A range of Government and Non-Government agencies are heavily engaged in improving global health. Their work involves research, policy development and the provision of aid to countries in need.

- Discuss the differences, using examples between emergency aid (volunteer), multilateral aid, bilateral aid and non-government organisation (NGO) aid.
- How does the provision of aid have a direct impact on the health status of those individuals benefiting from it?
- Discuss **one** reason why Australia provides aid to developing countries. Outline an example of **one** program **AusAID** has implemented in a country of your choice.

(30 marks)

Question 12 (30 minutes)

This question assesses **Criterion 1**.

The Sustainable Development Goals (SDGs) are a universal call to action to end poverty, protect the planet and ensure that all people enjoy peace and prosperity. These 17 Goals build on the successes of the Millennium Development Goals, while including new areas of concern.

- Choose **one** of the first six SDG's and explain why it is a global initiative.
- Using a developing country of your choice, give **one** example of a strategy that has been implemented in that country to work towards achieving this SDG. How will this strategy improve the life of an individual in this country?
- What evidence/statistics indicate that this goal may be achieved by 2030 in a country of your choice and worldwide?

(30 marks)

Question Number:

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