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# **GCSE MARKING SCHEME**

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**SUMMER 2016**

**PERSONAL AND SOCIAL EDUCATION  
4931/01**

## **INTRODUCTION**

This marking scheme was used by WJEC for the 2016 examination. It was finalised after detailed discussion at examiners' conferences by all the examiners involved in the assessment. The conference was held shortly after the paper was taken so that reference could be made to the full range of candidates' responses, with photocopied scripts forming the basis of discussion. The aim of the conference was to ensure that the marking scheme was interpreted and applied in the same way by all examiners.

It is hoped that this information will be of assistance to centres but it is recognised at the same time that, without the benefit of participation in the examiners' conference, teachers may have different views on certain matters of detail or interpretation.

WJEC regrets that it cannot enter into any discussion or correspondence about this marking scheme.

**GCSE Personal and Social Education**

**SUMMER 2016 MARK SCHEME**

**SECTION A - ACTIVE CITIZENSHIP**

1. Allow ONE mark for a correct answer from the list

Welsh Labour  
Welsh Conservatives  
Plaid Cymru  
Welsh Liberal Democrats  
Newid -  
Cymru Rydd -  
Cymru Annibynnol  
Wales Green Party  
British National Party  
Welsh Communist Party  
Plaid Rhyddfrydol i Gymru  
Socialist Party Wales  
Welsh Christian Party  
Respect - The Unity Coalition  
UK Independence Party

(1x1)

2. Allow ONE mark for correctly explaining one method of voting  
Allow TWO marks for explaining both methods

An Election is a formal decision making process by which member of the population (voters) elect a representative.

A Referendum is a direct vote in which an entire electorate is asked to either accept or reject a particular proposal, issue or question by means of YES or NO

(2x1)

3. Allow ONE mark for each of TWO correct answers from the list

The seven core aims are that all children and young people:

1. having a flying start in life
2. have a comprehensive range of education and learning opportunities
3. enjoy the best possible health and are free from abuse, victimisation and exploitation
4. have access to play, leisure, sporting and cultural activities
5. are listened to, treated with respect, and have their race and cultural identity recognised
6. have a safe home and a community which supports physical and emotional wellbeing
7. are not disadvantaged by poverty.

(2x1)

4. Allow ONE mark for a correct answer from the list  
National Insurance  
Income Tax  
Student loan repayments,  
Union subscriptions  
Pension contributions  
Or other suitable suggestions

(1x1)

5. (a) Allow ONE mark for correctly identifying 58 per cent of 18-34 year olds get their news through social media or online

(b) Allow TWO marks for correctly identifying two other ways people can access the news

Newspapers,

Television,

Radio,

Word of mouth.

Do not accept social media or other online methods

(c) Allow ONE mark for each of 3 correct answers from the list below

Answers may include reference to:

- To be aware of local, national and world events.
- Events happening in a distant location can affect economies and various commodities over the long term.
- Having access to information can help people know what is going on in other countries so that they can help in times of disaster e.g. a drought in a foreign country can cause grain prices to rise in other regions as the afflicted population begins calling for aid from allies.
- To understand politics, government, world issues, etc.
- To keep yourself informed to make decisions.

(1x3)

(d) Answers may include reference to:

- Many people have access to the internet through phones, tablets and computers.
- People can access newspaper online through apps
- Newspapers can harm the environment by using trees to make paper - some newspapers used recycled paper
- Cost of newspapers can be expensive
- Some people prefer to read the newspapers, it's only for news but other information and articles
- Television is an easy way of being told about current affairs - can see events happening live
- Newspapers tell the story after it has happened.
- Certain age groups prefer newspapers and radio

0 marks for an answer that shows no evidence of discussion on the role of television and radio coming to an end.

**Level 1**

1-3 marks for an answer, which shows some discussion on the role of television and radio coming to an end. Answers lack structure. There is limited use of specialist terminology with frequent errors in spelling, punctuation and grammar.

**Level 2**

4-6 marks for an answer, which includes an in depth discussion on the role of television and radio coming to an end. There is a good use of specialist terms with minor errors in punctuation and grammar that are not intrusive.

6. (a) Allow ONE mark for correctly identifying the education of children particularly education for girls (1)

(b) Allow TWO marks for correctly identifying two of the following:

Education beats poverty.  
Education promotes gender equality  
Education reduces child mortality  
Education contributes to improved maternal health  
Education helps combat HIV, malaria and other preventable diseases.  
Education encourages environmental sustainability.  
Education helps global development.  
Education is more than reading, writing, and arithmetic. It is one of the most important investments a country can make in its people and its future, and is critical to reducing poverty and inequality.

(2x1)

(c) Answers may include reference to 3 of the following areas:

Write a letter to a person in authority  
Ask to speak to someone in authority  
Gather a petition of signatures  
Organise a protest  
Use social media to get your message across - Facebook, Twitter

(3x1)

(d) Answers may include reference to

- If people are not educated then they will be ignorant and will follow the wrong beliefs. They persuaded to join terrorist groups as a way out of poverty and poor lifestyle.
- Terrorists use sophisticated methods and are well educated.
- By keeping people un-educated the terrorists can enforce their rule and keep people in poverty.

0 marks for an answer that shows no evidence of discussion of the statement

### **Level 1**

1-3 marks for an answer, which shows some discussion of the statement. Answer lacks structure. There is limited use of specialist terminology with frequent errors in spelling, punctuation and grammar.

### **Level 2**

4-6 marks for an answer, which makes realistic and sensible arguments with regards to the statement. Information is organised and ideas are expressed in a logical manner. There is good use of specialist terms with minor errors in punctuation and grammar that are not intrusive.

## SECTION B - HEALTH AND EMOTIONAL WELL BEING

7. Allow ONE mark for correctly stating one of the following:

- Lack of exercise causes many problems with, little or no exercise, you are more at risk for heart disease
- Lack of exercise is associated with obesity, increased blood pressure, increased risk of diabetes, high cholesterol
  
- Increased risk of developing certain cancers
- Increased risk of Diabetes
- Lack of consistent physical activity, over time, decreases the function of the heart muscle, affects the blood vessels, including the large aortic artery to the veins and small capillaries.
- Increased risk of suffering a stroke
- Increased risk of cognitive decline and dementia.
- Poor muscle tone.
- Increased risk of Osteoporosis
- Increased mental health issues - People who don't exercise on a regular basis are more prone to develop depression.
- Poor immune system

(1)

8. Allow ONE mark for each of TWO correct answers from the list

- Be prepared and have a revision table
- Eat well and give yourself treats
- Sleep well
- Relax and take a break - go for a walk, listen to music, play a game
- Don't compare yourself to others
- Be nice to yourself - It's all about positive mental attitude. If you tell yourself that you are great, that you can pass these exams, and just generally psyche yourself up you will be in a far better frame of mind both for revising and for sitting your exams.
- Getting extra help - don't be afraid to ask for support and guidance
- Talk to someone if it gets too much to cope with

(1)

9. Allow ONE mark for each of THREE correct ticks in the table

Cocaine - Class A  
Cannabis - Class B  
LSD - Class A

(3x1)



10. (a) Allow ONE mark for correctly identifying that teenage pregnancies have fallen by 25% in the last 10 years (1)

(b) Allow ONE marks for each of two correct answers from the following list:

- Contraceptive injection
- Contraceptive implant
- Intrauterine system, or IUS
- Intrauterine device, or IUD, also called the coil
- Female sterilisation
- Contraceptive patch
- Vaginal ring
- Combined pill
- Progestogen-only pill
- Natural family planning
- Male condom
- Female condom
- Diaphragm with spermicide
- Cap with spermicide

(2x1)

(c) Allow ONE marks for each of three correct answers from the following list:

- Abortion for the sake of the mother's health including her mental health
- Abortion where a pregnancy is the result of a crime such as crimes like rape, incest, or child abuse
- Abortion where the child of the pregnancy would have an 'unacceptable quality of life' such as cases where the child would have
  - Serious physical handicaps,
  - Serious genetic problems,
  - Serious mental defects
  - Abortion for social reasons, including:
  - Poverty
- Mother unable to cope with a child (or another child),
- Mother being too young to cope with a child

(1x3)

(d) Answers could include:

- Better sex education
- Contraception more readily available
- Greater availability of morning after pill - pharmacies, school, clinics
- Sex education discussed more openly at home

0 marks for an answer that shows no discussion of the strategies that have led to a fall in teenage pregnancy rates and their effectiveness.

### **Level 1**

1-3 marks for an answer, which shows some discussion of the strategies that have led to a fall in teenage pregnancy rates and their effectiveness. Answer lack structure. There is limited use of specialist terminology with frequent errors in spelling, punctuation and grammar.

### **Leve 2**

4-6 marks for an answer, which makes realistic and sensible arguments of the strategies that have led to a fall in teenage pregnancy rates and their effectiveness. Information is organised and ideas are expressed in a logical manner. There is a good use of specialist terms with minor errors in punctuation and grammar that are not intrusive.

11. (a) Allow ONE mark for stating that 18% of young adults binge drinking at least once a week in 2013. (1)

(b) Allow ONE mark for each of two correct answers

- Unintentional injuries such as car crash, falls, burns, drowning
- Intentional injuries such as fighting, sexual assault, domestic violence
- Increased family problems, broken relationships
- Alcohol poisoning
- High blood pressure, stroke, and other heart-related diseases
- Liver disease
- Nerve damage
- Sexual problems
- Permanent damage to the brain
- Vitamin B<sub>1</sub> deficiency, which can lead to a disorder characterised by amnesia, apathy and disorientation
- Ulcers
- Gastritis (inflammation of stomach walls)
- Malnutrition
- Cancer of the mouth and throat

(2x1)

(c) Allow ONE mark for each of three correct answers from the following list:

- Price of alcohol
- Prefer to spend time at home using social media
- People don't like the effect of alcohol - prefer a clear head
- Cultural choice
- Sensible drinking campaigns

(3x1)

(d) Answers may include reference to the following areas:

**Peer influence:** One of the main factors associated with young people ever having drunk alcohol is how they perceive their friends' behaviour. The more friends they thought they were drinking, the more likely young people were to have been drinking alcohol in the last week.

**Family influence:** Parents strongly influence young people's alcohol-related behaviour through supervision and monitoring, as well as playing a role in modelling behaviour. Being with a parent suggests an element of supervision and monitoring, which can reduce the likelihood of drinking, frequent drinking, and higher levels of alcohol consumption or drunkenness. Witnessing family member drinking and perceptions of drunkenness among family members in the home can make this kind of drinking appear normal.

**Attitudes and expectations:** Unsurprisingly, young people are more likely to behave in certain ways with alcohol if they believe it is acceptable to act that way. The expectation that drinking will be fun and make you happy increases the likelihood of a young person drinking. Negative associations, including a fear that you will not be able to stop drinking or will be sick, decreases the likelihood of drinking.

**Age:** This is the strongest predictor. Overall, the younger someone had their first drink, the greater the likelihood that they will have been drinking in the previous week.

**Access** to alcohol is easy

0 marks for an answer that shows no discussion of factors influencing the consumption of alcohol in today's society.

### **Level 1**

1-3 marks for an answer, which shows some discussion of the factors influencing the consumption of alcohol in today's society. Answer lacks structure. There is limited use of specialist terminology with frequent errors in spelling, punctuation and grammar.

### **Level 2**

4-6 marks for an answer, which makes realistic and sensible arguments in discussion of the factors influencing the consumption of alcohol in today's society. Information is organised and ideas are expressed in a logical manner. There is a good use of specialist terms with minor errors in punctuation and grammar that are not intrusive.

## SECTION C - SUSTAINABLE DEVELOPMENT AND GLOBAL CITIZENSHIP

12. (a) Allow ONE mark for correctly identifying the difference

A Solar photovoltaic (PV) panel is a technology that converts sunlight directly into electricity. A Solar thermal panel is a technology that uses sunlight to produce hot water for showers, baths and hot taps.

13. Allow TWO marks for correctly identifying two organisations that campaign for Human Rights:

Office of the United Nations High Commissioner for Human Rights  
Human Rights Council  
United Nations Educational, Scientific and Cultural Organisation (UNESCO)  
Office of the United Nations High Commissioner of Refugees  
Amnesty International  
Human Rights Watch  
Action Aid  
CAFOD  
Christian Aid  
Department for International Development  
Oxfam  
Save the Children  
The Red Cross

(1x2)

14. (a) Allow ONE mark for correctly identifying one of the following:

- Reduce waste in terms of use of paper
- Reduce the number of trees cut down to make paper
- Reduce the amount of ink used to print
- Reduce the amount of energy

(1)

- (b) Allow ONE mark each for two correct answers

- Reduces transport costs in sending communication by mail
- Low energy screens
- More efficient technologies use less energy
- Instant communication improves business, retail etc.

15. (a) Allow ONE mark for correctly stating one hundred thousand marine mammals and sea turtles are killed each year.

(1)

- (b) Allow TWO marks for correctly naming two types of plastic items that pollute the ocean.

Plastic bags  
Plastic bottles  
Plastic containers  
Plastic drums  
Expanded polystyrene packaging  
Polyurethane foam  
Polypropylene fishing net  
Plastic rope  
Traffic cones  
Disposable lighters  
Tyres  
Toothbrushes

(2x1)

- (c) Allow THREE marks for each of three ways that pollution affects the ecosystem of the oceans

When an ecosystem gets polluted, the natural balance in the system is disturbed and this affects the organisms in different ways. If the water gets polluted it can wreak havoc on the ecological balance by stimulating plant growth and causing the death of fish due to suffocation resulting from lack of oxygen.

When toxic chemicals enter the environment, organisms may absorb them through their skin or ingest them in their food or water. Animals higher in the food chain accumulate these toxins in higher and higher concentrations, a process called biomagnification. Top predators - including fish, birds and mammals - can have much higher levels of these toxins in their bodies, making them more likely to experience the diseases, birth defects, genetic mutations, and other deleterious effects of these poisons.

Degrading plastics are leaching potentially toxic chemicals such as bisphenol and threatening ocean animals.

Plastics can distribute toxic chemicals throughout the oceans

Plastic can damage corals

Plastic can harm animals if they ingest pieces or become entangled in the debris.

(3x1)

(d) Answers may include reference to the following:

- Permanent damage to the environment - global warming
- Plastic takes a long time to decompose
- Fish stocks will reduce - less food for humans
- Less bio-diversity on the planet as marine mammals and sea turtles become endangered
- Less attractive beach areas - impacting on tourism and the country's economy.

0 marks for an answer that show no discussion of the consequences of continuing to use the oceans as a rubbish facility for plastics.

**Level 1**

1-3 marks for an answer, which shows some discussion of the consequences of continuing to use the oceans as a rubbish facility for plastics. There is limited use of specialist terminology with frequent errors in spelling, punctuation and grammar.

**Level 2**

4-6 marks for an answer, which makes a realistic and sensible discussion of the consequences of continuing to use the oceans as a rubbish facility for plastics. There is a good use of specialist terms with minor errors in punctuation and grammar that are not intrusive.

16. (a) Allow ONE mark for stating that the United Kingdom consumes 1.5 million barrels of oil each day

(b) Allow ONE mark each for correctly identifying two countries that are contributing to the demand for oil

China  
India  
Brazil  
Russia  
Indonesia  
Mexico  
Turkey

(c) Allow ONE mark for each of the three correct reasons

- Developing countries need oil for manufacturers and to generate electricity
- Transport - more cars, more lorries, more haulage
- More people means more demands for fuel, energy, plastics and food - all highly dependent on oil

(1x3)

(d) Answers may include reference to the following:

#### **FOR**

Oil is the most important natural resource of the industrialised nations. It can generate heat, drive machinery and fuel vehicles and airplanes. Its components are used to manufacture almost all chemical resource products, such as plastics, detergents, paints, and even medicines. As it is such an important resource, it is very important to expand our technical ability to discover new sources and extend the production lives of existing oil fields.

Life without oil would be impossible. Within our daily lives oil is used almost everywhere:

Every year, 18 million tonnes of oil are processed into synthetic materials.

Oil within our materials: 40 percent of all textiles contain oil, for functional clothing this may be as much as 100 percent.

Oil within our leisure activities: 40 billion litres of oil a year are used to make CDs and DVD's.

Oil helps us relax: A single sofa contains 60 litres of oil. Modern life is inconceivable without oil.

#### **AGAINST**

Water is one of the most important substances on earth. All plants and animals must have water to survive. If there was no water there would be no life on earth.

Water is also essential for the healthy growth of farm crops and farm stock and is used in the manufacture of many products.



PEOPLE kill each other over diamonds, countries go to war over oil. But the world's most expensive commodities are worth nothing in the absence of water. Fresh water is essential for life, with no substitute. Although mostly unpriced, it is most valuable stuff in the world.

0 marks for an answer that shows no discussion of the statement on oil's importance as a source.

### **Level 1**

1-3 marks for an answer, which shows some discussion of the statement on oil's importance as a resource. Answer lacks structure. There is limited use of specialist terminology with frequent errors in spelling, punctuation and grammar.

### **Level 2**

4-6 marks for an answer, which makes a realistic and sensible discussion of the statement on oil's importance as a resource. Information is organised and ideas are expressed in a logical manner. There is a good use of specialist terms with minor errors in punctuation and grammar that are not intrusive.