

# Holiaduron

1.

Bydd arolwg yn cael ei gynnal i ddarganfod poblogrwydd prynu llyfrau gyda gwahanol grwpiau oedran o'r boblogaeth gyffredinol.

Mae'r arolwg yn cael ei gynnal drwy ofyn cwestiynau i bobl wrth iddyn nhw ddod allan o siop lyfrau.

Mae dau gwestiwn o holiadur yr arolwg yn cael eu dangos isod.

1. Beth yw eich oedran? Ticiwch y blwch.	dan 20	<input type="checkbox"/>
	20 i 30	<input type="checkbox"/>
	30 i 40	<input type="checkbox"/>
	mwya na 40	<input type="checkbox"/>
2. Ydych chi'n prynu llyfrau? Ticiwch y blwch.	Ydw	<input type="checkbox"/>
	Nac ydw	<input type="checkbox"/>

(a) Eglurwch pam efallai mae hwn yn arolwg â thuedd (*biased*). [1]

.....

.....

.....

(b) Nodwch feirniadaeth am ddyluniad cwestiwn 1 yn yr arolwg. [1]

.....

.....

.....

(c) Ysgrifennwch gwestiwn gyda dewis o flychau ateb, i ddarganfod faint mae pobl yn fodlon ei dalu am lyfr clawr meddal (*paperback*). [2]

.....

.....

.....

.....

.....

.....

.....

2.

Mae arolwg yn mynd i gael ei gynnal i ymchwilio i ba mor boblogaidd mae ffonau clust (*earphones*) gyda grwpiau oedran gwahanol o'r boblogaeth gyffredinol.

Mae'r arolwg yn mynd i gael ei gynnal drwy ofyn cwestiynau i bobl wrth iddyn nhw ddod allan o siop nwyddau electronig a ffonau.

Mae dau gwestiwn o holiadur yr arolwg i'w gweld isod.

1. Beth yw eich oedran?	
Ticiwch y blwch	dan 10 <input type="checkbox"/>
	10 i 20 <input type="checkbox"/>
	30 i 40 <input type="checkbox"/>
	40 i 50 <input type="checkbox"/>
	Yn fwy na 50 <input type="checkbox"/>
2. Ydych chi'n berchen ar ffonau clust?	
Ticiwch y blwch	Ydw <input type="checkbox"/>
	Nac ydw <input type="checkbox"/>

(a) Esboniwch pam mae hwn yn arolwg â thuedd (*biased*). [1]

.....

.....

.....

(b) Nodwch 2 feirniadaeth am gynllun cwestiwn 1 yn yr arolwg.  
Beirniadaeth gyntaf: [1]

.....

.....

.....

Ail feirniadaeth: [1]

.....

.....

.....

(c) Ysgrifennwch gwestiwn, gyda dewis o flychau ateb, i ddarganfod faint mae pobl yn fodlon ei dalu am ffonau clust. [2]

.....

.....

.....

.....

.....

5

3.

Gwnaeth clwb drama mewn tref gynnal arolwg drwy ofyn cwestiynau i bobl wrth iddyn nhw adael y theatr leol un nos Sadwrn.  
Mae rhan o holiadur yr arolwg yn cael ei dangos isod.

1. Oes gennych chi ddiddordeb mewn drama? Ticiwch (✓) un blwch yn unig.

Dim diddordeb  Rhywfaint o ddiddordeb  Llawer o ddiddordeb

2. Beth yw eich oedran chi?

Dan 12  12 i 20  21 i 50  50 i 75

3. Pam na fyddech chi'n dod i weld cynhyrchiad arall?  
Beth sy'n achosi i chi beidio â (*puts you off*) dod eto?

.....

.....

(a) Eglurwch pam mae hwn yn arolwg â thuedd (*biased*).

.....

.....

[1]

(b) Nodwch **ddwy** feirniadaeth (*criticisms*) ynghylch cynllun (*design*) **cwestiwn 2** yn yr arolwg.

(i) .....

.....

[1]

(ii) .....

.....

[1]

(c) Beth yw'r broblem gyda chynllun **cwestiwn 3** yn yr arolwg?

.....

.....

[1]

4.

Cafodd arolwg ei gynnal i ddarganfod pa mor aml mae arddegwyr (*teenagers*) yn defnyddio llyfrgelloedd.

Cafodd y ddau gwestiwn canlynol eu gofyn mewn holiadur.

<p><i>Cw1. Beth yw eich cyfeiriad?</i></p> <p><i>Cw2. Pa mor aml rydych chi'n ymweld â llyfrgell?</i></p>			
<i>Byth</i>	<i>1-5 gwaith</i>	<i>5-10 gwaith</i>	<i>Mwy na 10 gwaith</i>
<input style="width: 50px; height: 40px;" type="text"/>	<input style="width: 50px; height: 40px;" type="text"/>	<input style="width: 50px; height: 40px;" type="text"/>	<input style="width: 50px; height: 40px;" type="text"/>

(a) Ar gyfer pob cwestiwn rhwch **un** rheswm pam nad yw'n addas.

*Cw1* .....

.....

*Cw2* .....

.....

[2]

(b) Cafodd yr arolwg ei gynnal drwy adael ffolder yn cynnwys copïau o'r holiadur ar ddesg flaen llyfrgelloedd.

Rhwch **un** feirniadaeth (*criticism*) o sut cafodd yr arolwg ei gynnal.

.....

.....

[1]

5.

Cafodd arolwg ei gynnal yn Newcastle yng ngogledd Lloegr.

Cafodd y ddau gwestiwn canlynol eu gofyn.

*Cw1. Yn eich barn chi, ydy hi'n iawn chwarae holl gemau rhyngwladol Lloegr i lawr yn Llundain, sy'n ei gwneud yn anodd i bobl o ogledd Lloegr fynd i'r gemau?*

YDY       NAC YDY

*Cw2. Pa mor aml rydych chi wedi ymweld â'r stadiwm Wembley newydd yn Llundain?*

1-5 gwaith      6-10 gwaith      10 gwaith neu fwy

          

(a) Ysgrifennwch **un** feirniadaeth (*criticism*) o'r cwestiwn cyntaf. [1]

.....

.....

.....

(b) Rhowch **ddau** reswm pam **nad** yw'r ail gwestiwn yn addas. [2]

Rheswm 1 .....

.....

.....

Rheswm 2 .....

.....

.....

6.

Mewn cynllun Parcio a Theithio, mae pobl yn gadael eu ceir y tu allan i dref ac yn teithio i mewn i'r dref ar fws.

Cafodd arolwg ei gynnal i benderfynu a ddylai tref ddechrau cynllun Parcio a Theithio.

Gofynnodd rhywun y pedwar cwestiwn canlynol i siopwyr yn y dref.

*Cw1. Wnaethoch chi deithio i mewn i'r dref mewn car?*

DO  NADDO

*Cw2. Pa fath o gar sydd gennych?*

.....

*Cw3. Oedd hi'n hawdd cael lle i barcio eich car yn y dref?*

OEDD  NAC OEDD

*Cw4. Sawl gwaith byddwch chi'n defnyddio Parcio a Theithio, os bydd ar gael?*

1-5 gwaith	6-10 gwaith	mwya na 10 gwaith	llai na 20 gwaith
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(a) Pa un o'r tri chwestiwn cyntaf byddech chi'n cael gwared ohono? Rhaid i chi roi rheswm. [1]

.....

.....

(b) Rhwng ddau reswm pam nad yw cwestiwn 4 yn addas. [2]

Rheswm 1 .....

.....

.....

Rheswm 2 .....

.....

.....

7.

Mae arolwg yn mynd i gael ei gynnal i ddarganfod pa mor boblogaidd yw chwaraewyr MP3 ar draws gwahanol grwpiau oedran y boblogaeth gyffredinol.

Mae'r arolwg yn cael ei gynnal drwy ofyn cwestiynau i bobl wrth iddyn nhw ddod allan o sinema.

Mae dau gwestiwn o holiadur yr arolwg yn cael eu dangos isod.

<b>1. Beth yw eich oedran?</b>		
Ticiwch y blwch	dan 10 oed	<input type="checkbox"/>
	10 i 20	<input type="checkbox"/>
	20 i 30	<input type="checkbox"/>
	mwy na 30	<input type="checkbox"/>
<b>2. Ydych chi'n berchen ar chwaraewr MP3?</b>		
Ticiwch y blwch	Ydw	<input type="checkbox"/>
	Nac ydw	<input type="checkbox"/>

(a) Ydy hwn yn arolwg â thuedd (*biased*)? Rhowch reswm dros eich ateb.

.....

.....

.....

[1]

(b) Nodwch feirniadaeth (*criticism*) o ddyluniad cwestiwn 1 yn yr arolwg.

.....

.....

.....

[1]

(c) Ysgrifennwch gwestiwn, gyda dewis o flychau atebion, i ddarganfod faint mae pobl yn fodlon ei dalu am chwaraewyr MP3.

.....

.....

.....

.....

[2]

8.

Mae Denise eisiau profi'r rhagdybiaeth (*hypothesis*) ganlynol.

*'Mae ceir newydd yn defnyddio llai o danwydd na hen geir.'*

Mae hi'n bwriadu

- anfon holiadur byr i bob tŷ yn ei stryd,
- gofyn y cwestiynau canlynol,
  - (i) A oes gennych gar?
  - (ii) Faint o danwydd (*fuel*) mae e'n ei ddefnyddio?

Ysgrifennwch dri sylw anffafriol am y cynllun hwn.

1. ....  
.....  
.....

2. ....  
.....  
.....

3. ....  
.....  
.....

[3]

9.

Mae Martha eisiau rhoi prawf ar y rhagdybiaeth ganlynol.

*'Mae mwy o ddynion na menywod yn prynu papur newydd dyddiol.'*

Mae hi'n bwriadu

- rhoi holiadur byr allan mewn cyfarfod Sefydliad y Merched (*Women's Institute*),
- gofyn y cwestiynau canlynol yn yr holiadur,

(i) Beth yw eich oedran?							
<input style="width: 100px; height: 20px;" type="text"/>							
(ii) Pa mor aml rydych chi'n prynu papur newydd?							
Byth	<input style="width: 30px; height: 20px;" type="text"/>	1-3 gwaith	<input style="width: 30px; height: 20px;" type="text"/>	3-5 gwaith	<input style="width: 30px; height: 20px;" type="text"/>	Mwy na 5 gwaith	<input style="width: 30px; height: 20px;" type="text"/>

- casglu'r atebion yn y cyfarfod nesaf.

Ysgrifennwch dri sylw anffafriol am y cynllun hwn.

[3]

- .....  
.....  
.....
- .....  
.....  
.....
- .....  
.....  
.....

10.

Mae Nerys eisiau rhoi prawf ar y rhagdybiaeth ganlynol.

*'Mae pobl sy'n berchen cŵn yn fwy ffit na'r person cyfartalog.'*

Mae hi'n bwriadu:

- rhoi holiadur byr allan rhwng 9 a.m. a 10 a.m., wrth i bobl gyrraedd sioe gŵn leol (*local dog show*),
- gofyn y cwestiynau canlynol yn yr holiadur,

(i) Pa mor ffit rydych chi?		
<input type="text"/>		
(ii) Pa mor aml rydych chi'n mynd â'ch ci am dro?		
1–5 gwaith <input type="checkbox"/>	6–10 gwaith <input type="checkbox"/>	10 gwaith neu fwy <input type="checkbox"/>

- casglu'r holiaduron wedi'u llenwi rhwng 4 p.m. a 5 p.m., wrth i bobl adael y sioe gŵn.

Ysgrifennwch dri sylw anffafriol am y cynllun hwn.

[3]

- .....  
.....  
.....
- .....  
.....  
.....
- .....  
.....  
.....

## Cynllun Marcio

1.

7. (a) Reason, e.g. outside the bookshop	E1	Accept reference to people not buying, but checking out ready for downloading, 'showcasing', or that 'older people are more likely these days to buy from shops than younger people' Do not accept reference to groups under 20 and over 40.
(b) Two boxes if you are 30	E1	Or refers to widths groups for younger or older people, or unequal groups. Allow 'overlap(s)'. Ignore incorrect response if correct response is given. Do not accept 'doesn't give options for under 20s or over 40s', or '2 options for 20 year olds'
(c) Suitable question with at least 3 boxes, no overlaps or gaps and prices from a low value upwards (to maybe £20) considered or a number of boxes given but concentrated at lower prices	B2	B1 Suitable question with at least 3 boxes, with either consistent overlaps or gaps OR a suitable range of prices is not considered, OR B1 for suitable choice of groups with no gaps or overlaps but without a suitable question being asked  <i>Examples of consistent overlaps or gaps:</i> '£0 - £5, £5 - £10, £10 - ...' 'under £5, £6 - £10, £11 - £15, £16 - ...' 'over £5, over £10, over £20'* *however possible B2 if asked to tick only one box
	4	

2.

(a) Reason, e.g. outside the electronics / phone shop	E1	
(b) In any order: No option for(over) 20 and/to (under) 30 year olds	E1	Accept an example of an age not given within the selection, e.g. age 25
Two boxes for 40 year olds	E1	Do not accept 'some ages are listed twice', or '10 and 40 both appear twice' Do not accept reference to unequal groups
(c) (Suitable question with) at least 3 boxes, no overlaps or gaps	E2	E1 (Suitable question with) at least 3 boxes, max of 1 overlap or 1 gap. Allow e.g. £30 to £39 with £40 to £49 etc, as no gap Do not allow e.g. £5 to £15 with £15 to £25, or e.g. £11 - £20 with £20+, due to overlap
	5	

3.

1. (a) Valid reason, e.g. 'only those interested in drama will be leaving the theatre', 'Q3 assumes you won't return'.	B1	Accept reference to location or to Q3 <i>Ignore additional information given by candidates once a correct response has been given credit.</i>
1. (b) (i) / (ii) Any reference to two of the following. '50 appears in two boxes' 'no over 75 box' 'people might object to giving their age', 'too personal'.	B1 B1	<i>Ignore additional information given by candidates once a correct response has been given credit.</i> Do not accept 'not relevant' or 'different age gaps'.
1.(c) Valid reason, e.g. 'asks the same thing twice', 'vague', 'difficult to collect responses', 'people have to write answer', 'better to have tick boxes', 'biased', 'negative', 'leading question', 'taken for granted you won't return	B1	<i>Ignore additional information given by candidates once a correct response has been given credit.</i>

4.

13. (a) Q1. A statement regarding e.g. 'not relevant', 'confidentiality', 'too personal'	B1	For any equivalent statement. Ignore extra comments.
Q2. 'times not exclusive' 'over what period of time?'	B1	For any <b>one</b> of these, or equivalent statement. Ignore extra comments. <i>SC1 if both correct but in reverse order.</i>
(b) A criticism regarding location (biased at library) OR poor distribution method. OR does not target teenagers.	B1	For any <b>one</b> of these, or equivalent statement. Ignore extra comments.
	3	

5.

11. (a) The question is biased or leading.	B1	Accept any statement that implies question is biased or leading. Do not accept an answer that implies the question is biased because of the location.
(b) Any two from, e.g. 'No box for those who have never been', '10 times is not exclusive', 'No time period indicated'.	B2	B1 for each different reason (maximum of 2 marks).
	3	

6.

13 (a) Question 2 because it is not relevant.	B1	Allow e.g. 'not valid' for 'not relevant'. Do not credit 'too personal'. Q2 with no reason, or an incorrect reason, is B0.
(b) Two valid reasons given. E.g. "No box for 'Never'", "More than 10' and 'less than 20' are not exclusive", "Less than 20 overlaps all the other three answers", "Over what period of time?"	B2	B1 for each different reason (maximum of 2 marks). Ignore extra incorrect statements such as, '2 <sup>nd</sup> and 3 <sup>rd</sup> boxes overlap' or 'last box should be more than twenty' if marks have been awarded for correct reasons.
	3	

7.

4(a) Reason, e.g. all different age groups	E1	Not marking choice 'yes' or 'no', marking understanding of cross-section of people asked. So could be, e.g. 'yes, as older people don't go to the cinema', or 'no, as all sorts of people go to the cinema'. Look for focus on age in response. Do not accept contradiction of choice yes or no with reason.
(b) Two boxes if you are 20 or refers to 'wide' group of older people	E1	Do not accept reference to age related ownership of MP3. Do not accept 'people not liking to give age', or 'lie about age', or 'not enough boxes' (as ambiguous)
(c) Suitable question with at least 3 boxes, no overlap or gaps (in pence) and prices from a low value upwards considered	E2	E1 for suitable question with at least 3 boxes, max of 1 overlap or 1 gap, must be suitable for amounts such as £19.99, i.e. pence considered as well as £s, OR E1 for prices from a low value upwards considered, minimum acceptable range ≈£30 to ≈£50
(d) Reason implying 'no' showing understand that repeating an experiment can lead to different results	E1	Accept 'no, as different people have different thoughts/amount to spend'
(e)(i) Reason implying no, such as: 'all columns total 20', 'all 60 answered', 'all people selected red, black or silver'	E1	Accept more complex answers. Do not accept reference to just 20 people
(ii) Strategy to use all data (for 60 people) 12/60 (= 1/5 = 0.2)	S1 B1 8	Ignore incorrect cancelling of 12/60. B0 for 12 out of 60, or 12 in 60, but either of these responses gets S1

8.

14.	Three different valid comments. e.g. 'Not representative.' 'Should only be distributed to car owners', 'Does not ask about the age of the car', 'Does not specify over what period of time', 'How are the questionnaires returned?' 'People might confuse quantity with cost', 'Engine size' 'Type of fuel (diesel/petrol)'	✓ ✓ ✓	B3	B1 for each different valid comment.  Accept equivalent statements e.g. 'biased' (by location).  Do not give more than one mark for the same criticism(s).
-----	---	-------------	----	--

9.

12.	Three different valid comments. e.g. 'Not representative of population'  'Not relevant to the hypothesis being tested' 'Personal' 'Gender not asked'  'Does not specify over what period of time', 'Can tick one of two boxes if answer is 3'  'People might forget to bring them' 'Might be different people at the next meeting'	✓ ✓ ✓	B3	<i>Ignore irrelevant statements.</i> B1 for each different valid comment. Accept equivalent statements e.g. 'biased' (by gender or interest group). Do not give more than one mark for similar criticism(s). Reference to location should only be credited once.  ( criticisms of question (i))  ( criticisms of question (ii))  ( criticisms of the method of collection)
-----	---	-------------	----	--

10.

June 2015 UNIT 1 Foundation		✓	Mark	Comments
11.	Three different valid comments. e.g. 'Not representative of population'  'Fitness not defined' or 'Vague' or 'No options given'.  'Might not have a dog' or 'No room for 'Never''  'Does not specify over what period of time', 'Can tick one of two boxes if answer is 10'  'People might have left the show before 4p.m.' 'People might arrive later than 10a.m.'		B3	<i>Ignore irrelevant statements.</i> B1 for each different valid comment. Accept equivalent statements e.g. 'Biased' (by interest group). Do not give more than one mark for similar criticism(s). Reference to location should only be credited once.  ( criticisms of question (i)) Treat these three as similar comments.  ( criticisms of question (ii)) Treat these two as similar comments.  These are different comments.  ( criticism of the method of distribution / collection) Treat these two as similar criticisms.