GCE AS/A LEVEL

2290U20-1

S18-2290U20-1

PSYCHOLOGY – AS unit 2
Using Psychological Concepts

THURSDAY, 17 MAY 2018 – AFTERNOON

1 hour 30 minutes

ADDITIONAL MATERIALS

In addition to this examination paper, you will need a WJEC pink 16-page answer booklet.

You may require a calculator and a ruler.

INSTRUCTIONS TO CANDIDATES

Use black ink or black ball-point pen. Do not use pencil or gel pen. Do not use correction fluid.

Answer **all** questions.

Write your answers in the separate answer booklet provided, following the instructions on the front of the answer booklet.

Use both sides of the paper. Write only within the white areas of the booklet.

Write the question number in the two boxes in the left hand margin at the start of each answer, e.g. **0** **1** .

Leave at least two line spaces between each answer.

INFORMATION FOR CANDIDATES

The number of marks is given in brackets at the end of each question or part-question.

You are reminded of the necessity for good English and orderly presentation in your answers.

Assessment will take into account the quality of written communication used in your answers.

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Answer **all** *questions in Section A* **and** *Section B.*

SECTION A – Contemporary Debate

0 1 Assess the role of the mother as primary care-giver, including consideration of social and cultural diversity. [20]

SECTION B – Principles of Research and Application of Research Methods

0 2 **a)** Define the term 'dependent variable'. [2]

b) Identify **one** variable measured in Milgram's (1963) 'Behavioral study of Obedience'. [1]

0 3 Using an example, describe a matched pairs experimental design. [4]

0 4 Explain the ethics of working with vulnerable individuals in Kohlberg's (1968) research 'The child as a moral philosopher'. [4]

0 5 Evaluate research that is conducted on-line. [6]

0 6 **a)** Define the term 'internal validity'. [2]

b) Define the term 'external reliability'. [2]

0 7 In Milgram's (1963) 'Behavioral study of Obedience' he chose to use a target population of male, self-selected participants. Explain how his choice impacted on the possible applications of the research. [5]

0 8 A psychologist conducted an experiment into whether people who are bilingual (fluently speak two languages) have a wider vocabulary than those who are monolingual (fluently speak one language). 60 participants, chosen using snowball sampling, were asked to take a multiple choice on-line vocabulary test.

Average vocabulary scores for each group

	Average Score on the Vocabulary Test /100
Bilingual Group	75
Monolingual Group	62

a) State a research hypothesis for the above study. [2]

b) Describe how **one** extraneous variable could have affected the results for the above study. [2]

c) (i) Explain how the psychologist could have collected participants using snowball sampling in the above research. [4]

(ii) Give **one** disadvantage of snowball sampling. [2]

d) Identify and explain the experimental design used in the above study. [2]

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0 9 A psychologist used primary sources to see if longer beards made males more attractive to women. A correlational study was used, where photographs of 10 men with beards were taken and 20 women were asked to rate their attractiveness on a scale of 1-10 (1 = very unattractive, 10 = extremely attractive). The women's scores of attractiveness were then averaged, using the mean, to create one attractiveness score for each bearded man. The psychologist created the following frequency table to compare beard length to mean attractiveness.

Length of beard compared to level of attractiveness

Photograph number	Length of Beard (in cms)	Level of attractiveness (mean score out of 10)
1	5	6
2	8	4
3	10	4
4	2	8
5	1	9
6	3	7
7	6	5
8	3	4
9	2	7
10	4	6

a) Identify the aim of this research. [1]

b) Give **one** advantage and **one** disadvantage of using a correlational study in this research. [2 + 2]

c) Describe the term 'primary sources'. [3]

d) Explain how the mean score for attractiveness could have been calculated in this research. [3]

e) (i) Using the data in the table, draw a scatter diagram. [5]

(ii) State the strength and direction of the correlation shown in the scatter diagram you created in part (i). [2]

f) Describe **one** issue of validity in this research, and explain **one** way to deal with this issue. [4]

END OF PAPER

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