

11 PSYCHOLOGY 2015

TEST THREE

Name: _____

Teacher: _____

Mark: _____ /50

Percentage: _____ %

Section One: Research methods

(16 marks)

Question 1

Are there any differences between obtaining informed consent from a 15-year-old student and a 25-year-old adult? Explain your answer. (1 mark)

Question 2

When looking at the use of ethical considerations in research, give one reason why deception would be allowed. (1 marks)

Question 3

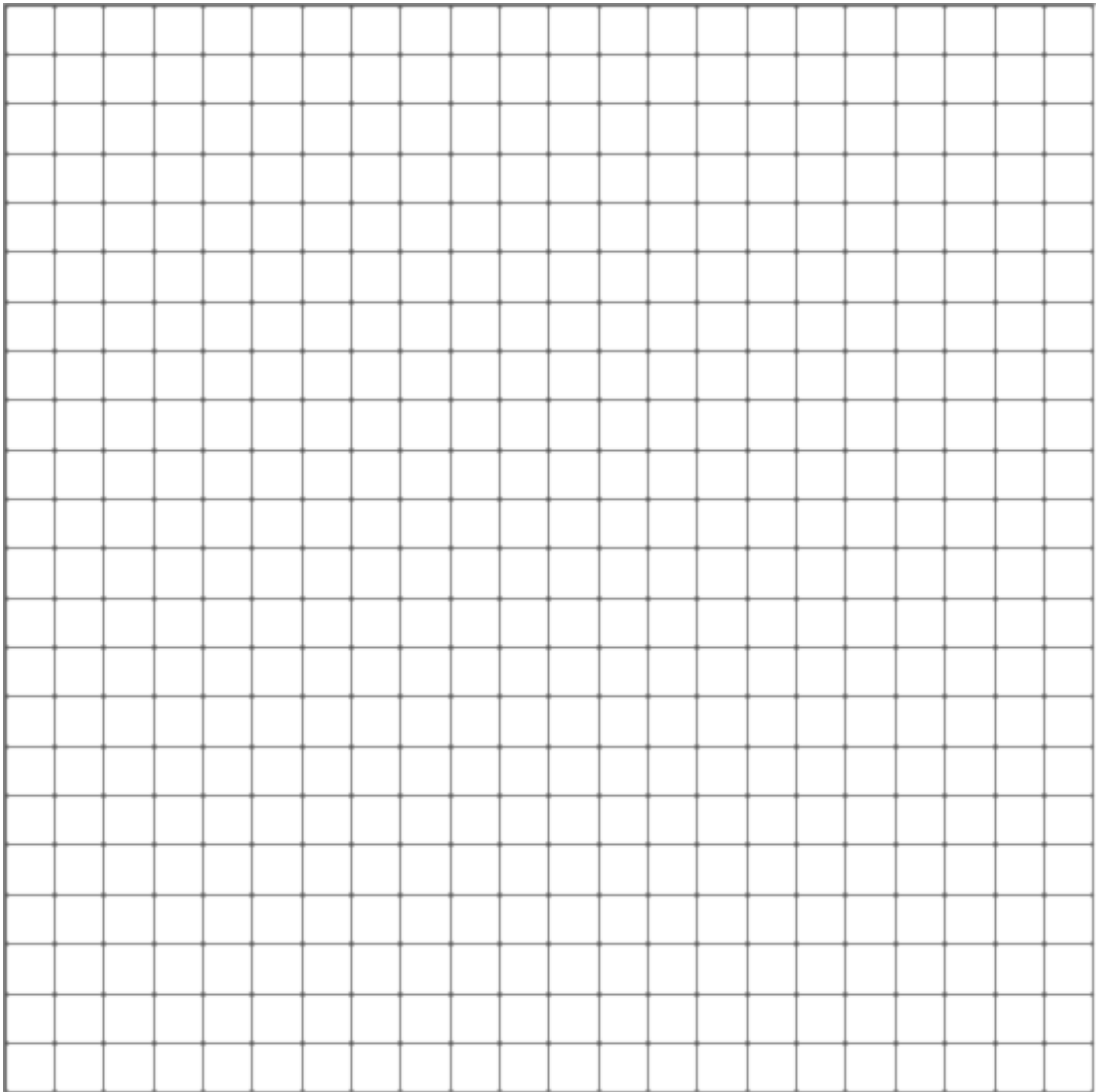
Give one reason why it is important for researchers to debrief research participants. (1 marks)

Question 4

A psychologist conducted a study to investigate the relationship between the total number of hours of television watched and the total hours of sleep over seven days. Seven volunteer participants recorded for seven days the number of hours of television they watched and the number of hours they slept. The results of the study are shown in the table below.

Participant number	Total number of hours of television watched	Total number of hours of sleep
1	35	45
2	14	50
3	9	58
4	8	60
5	5	64
6	2	67
7	2	62

a) Construct a graph to display this data on the grid below. A spare grid is provided at the end of this test. If you need to use it, cross out this attempt. (5 marks)



b) Identify the mean number of hours of television watched. (1 mark)

c) Identify the mode of the number of hours of television watched. (1 mark)

d) Identify the median number of hours of television watched. (1 mark)

e) Identify the range of hours of television watched. (1 mark)

Question 5

Every morning before school Chase's mum would pack his lunch. She would often give him an icy pole, but it would always melt before he got to eat it for recess. Chase decided to try packing his lunch in different containers and then recording the amount of icy pole that had melted when he came to eat it. For one week, he used an Esky and during the next week he used an insulated bag.

a) State the independent variable in Chase's experiment. (1 mark)

b) State the dependent variable in Jade's experiment. (1 mark)

c) Explain two uncontrolled variables that may have influenced Chase's results. (2 marks)

Section Two: Short answer

(21 marks)

Question 6

Explain the difference between selected attention and divided attention.

(2 marks)

Question 7

a) Describe two physiological ways that could be used to determine if an individual is in an altered state of consciousness. (2 marks)

b) Explain why it is difficult to determine whether an individual is in an altered state of consciousness or not. (1 mark)

Question 8

State two functions of photoreceptors found in the retina.

(1 mark)

Question 9

Galvanic skin response (GSR) can indicate an altered state of consciousness. Abyan is in an altered state of consciousness with heightened arousal. Compared to her normal state, how would her GSR reading be different? (1 mark)

Question 10

In 1966, Edward T Hall outlined four levels of interpersonal space he called 'distance zones'. State the name of each zone and briefly identify the people/relationships involved. (4 marks)

◆ _____

◆ _____

◆ _____

◆ _____

Question 11

Describe two key ideas in Charles Spearman's theory of intelligence. (2 marks)

Question 12

Explain what the 'intelligence quotient' is.

(2 marks)

Question 13

(3 marks)

There are three main types of recreational drugs. Write the correct name of the type of recreational drug below its matching description.

Calms the activity of the nervous system and slows body functions.

Excites the nervous system and arouses body functions.

Changes our perceptions and gives us sensory images without input from the senses.

Question 14

Describe the three steps of assertive communication.

(3 marks)

Section three: Extended answer

(13 marks)

This section contains **one (1)** question that you must answer.

Pages are included at the end of the question for planning and writing your answer.

- ♦ **Planning:** If you use a page for planning, indicate this clearly at the top of the page.
- ♦ **Answering the question:** In the pages provided indicate clearly the section of the question you are answering.

Two marks are allocated for spelling, grammar and paragraph format.

Suggested working time: 20 minutes.

Question 15

Humans have five main senses. For each of the five senses, describe the sense organ involved and the stimulus energy that is detected. Within your response, state the name of the energy that all of the sense organs converts the stimulus energy into.

[illegible]

