



## Body Talk Quiz Questions

Covers health, medicine, biosciences, psychology and sport

Ring or Underline Your Answers

### 1) Which of the following does the UK Government spend most money on?

- a) Education   b) Health   c) Police   d) Armed Forces   e) Housing

### 2) The National Health Service is the largest employer in the UK.

How many people in 2009 do you think worked in hospitals, health trusts and medical centres? Is it

- a) 250,000   b) 500,000   c) 1 million   d) 1.4 million   e) 1.8 million

### 3) Do older people visit doctors and hospitals

- a) more   b) less   c) same as those under 60?

### 4) What percentage of the UK population do you think is over the age of 60?

- a) 5%   b) 10%   c) 15%   d) 20%   e) 25%   f) 30%

### 5) Are there more

- a) doctors   or   b) nurses working in the Health Service?

### 6) There are approximately \_\_\_\_\_ other jobs in the Health Service, can you name 1 for each of the 26 letters of the alphabet?

### 7) Which does it cost most to train?

- a) doctor   b) dentist   c) engineer   d) teacher

### 8) Which sector of the UK economy do you think spends the most on research and development

- a) Aerospace   b) Telecommunications   c) Pharmaceutical (Drug) companies   d) Computer firms  
e) Motor Vehicles

**9) Which school subjects are important if you want to work for a pharmaceutical company?**

**10) Bone marrow transplants can be used in stem cell research to treat leukaemia**

- a) True   b) False

**11) A bio medical engineer might be involved in the design and making of?**

- a) knee and hip replacement joints   b) heart bypass valves   c) computer terminal  
d) heart pacemaker   e) water irrigation system

**12) Do you need a degree in psychology to become a psychiatrist?**

- a) yes   b) no

**13) Professional psychologists can work in which of the following fields?**

- a) clinical psychology   b) occupational   c) educational   d) criminal and forensic

**14) Which school subjects do you think will be useful in a degree covering sports science or sports study?**

You will find more information on jobs and careers in the Body Talk Zone by going to the Future Morph website [www.futuremorph.org](http://www.futuremorph.org) and the Jobs4U website on [www.connexions-direct.com/jobs4u](http://www.connexions-direct.com/jobs4u) Also check out [www.mathscareers.org.uk](http://www.mathscareers.org.uk) and [www.tomorrowseengineers.org.uk](http://www.tomorrowseengineers.org.uk)



## Body Talk Quiz; Answers

### 1) Which of the following does the UK Government spend most money on

- a) Education   **b) Health**   c) Police   d) Armed Forces   e) Housing

*Health is the 2nd largest spending area after social protection (pensions, state benefits) In 2010 the Health budget will be £119 billion compared to £ 88 billion on education.*

### 2) The National Health Service is the largest employer in the UK.

How many people in 2009 do you think worked in hospitals, health trusts and medical centres? Is it

- a) 250,000   b) 500, 000   c) 1 million   **d) 1.4 million**   e) 1.8 million

*Between 1997 and 2007 an extra 200,000 people have been employed in the NHS.*

### 3) Do older people visit doctors and hospitals

- a) more**   b) less   c) same as those under 60?

*For example - the Over 80s are likely to visit their doctor at least 4 times more than the rest of the population. The largest number of patients in hospital are the Over 65s.*

### 4) What percentage of the UK population do you think is over the age of 60?

- a) 5%   b) 10%   c) 15%   **d) 20%**   e) 25%   f) 30%

*By 2030 this percentage is expected to rise to over 25%.*

### 5) Are there more

- a) doctors   or   **b) nurses working in the Health Service?**

*Nurses make up the largest number of staff in the Health Service, at just over 400,000. Hospital consultants were around 32,000 and GPs at 35,000 ( 2005 figures).*

### 6) There are approximately 300 different careers in the Health Service.

*explore the Careers A-Z list on [www.nhscareers.nhs.uk](http://www.nhscareers.nhs.uk)*

### 7) Which does it cost most to train?

- a) doctor**   b) dentist   c) engineer   d) teacher

*Training of a doctor is the most expensive, it is calculated that it takes around £250,000 to train a medical student to becoming a doctor (cost is more in London), dentists work out around £ 200,000, engineers are on £100,000 because of all the equipment and laboratories for practical work. The cost of training teachers will normally be less than engineers. Science teachers cost more to train than arts, social scientists because of laboratory equipment involved.*

### 8) Which sector of the UK economy do you think spends the most on research and development

- a) Aerospace   b) Telecommunications   **c) Pharmaceutical** (Drug) companies   d) Computer firms  
e) Motor Vehicles

Pharmaceutical companies across the world spend billions of pounds in research and development. Two British pharmaceutical companies GlaxoSmithKline and AstraZeneca spend the most on research and development. GlaxoSmithKline is ranked as the world's 3rd largest pharmaceutical company and AstraZeneca 7th.

### 9) Which school subjects are important if you want to work for a pharmaceutical company?

Crucial subjects are chemistry as well as biology, Mathematics especially statistics, IT, while physics is also useful.

### 10) Bone marrow transplants can be used in stem cell research to treat leukaemia

- a) True**   b) False

Stem cell research is a massively expanding area which is working to cure or help in the treatment of a wide variety of conditions from certain forms of cancer as well as spinal cord injuries to Parkinson's disease.

### 11) A bio medical engineer might be involved in the design and making of?

- a) knee and hip replacement joints**   **b) heart bypass valves**   c) computer terminal  
**d) heart pacemaker**   e) water irrigation system

There is currently a shortage of bio -medical engineers which is an expanding field with medical advances and an aging population.

### 12) Do you need a degree in psychology to become a psychiatrist?

- a) yes   **b) no**

psychiatrists are doctors who have taken a medical degree and then specialise in the field of mental health.

### 13) Professional psychologists can work in which of the following fields?

- a) clinical psychology**   **b) occupational**   **c) educational**   **d) criminal and forensic**

All of these - there are around 5,000 in clinical, 3,000 in occupational, 1250 in educational and 1,000 in forensic psychology.

All these fields are highly competitive to enter as there has been a significant rise in the number of students studying psychology in the past 20 years. They require a good degree in psychology in a course recognised by the British Psychological Society followed by further post graduate qualifications.

**14) Which school subjects do you think will be useful in a degree covering sports science or sports study?**

*Biology, especially human biology is a core subject, sports studies, chemistry, Maths is also very relevant.*

*There are numerous sports courses in universities and colleges across the UK, they will have their own specific entry requirements. Sports science courses usually require rather more specific A level sciences or else good passes in vocational sports studies from colleges of Further Education.*