

Week 3 TSA Questions

Question 1: (2)

Splashford Swimming Pool charges £2 per session for adults and £1 for children. Also available is a Family Swimcard. At a cost of £50, the Family Swimcard allows unlimited use of the pool for one year for 2 adults and up to 3 children. For larger families, every additional child must pay half the children's rate each time. Mr and Mrs Teal and their 4 children are keen swimmers. They used their Swimcard when the family went swimming 40 times last year.

How much did the Swimcard save the Teal family last year?

- A £ 50
- B £ 190
- C £ 230
- D £ 250
- E £ 270

Question 2 (3)

Every year in this country there are over 8000 personal accidents on golf courses, yet it is estimated that as few as five per cent of all golfers take out adequate insurance against claims for injury. If more golfers could be encouraged to take out appropriate insurance policies the number of accidents could be dramatically reduced. Which one of the following identifies the flaw in the argument above?

- A It ignores the fact that millions of golfers never have an accident.
- B It assumes that all insurance policies provide adequate insurance against claims.
- C It implies that the occurrence of golfing accidents is causally related to the lack of insurance.
- D It overlooks the possibility that some accidents would not be covered by insurance.
- E It ignores the fact that there are different kinds of insurance for different kinds of activity

Question 3 (6)

Acme Haulage pays dividends to its shareholders every six months. Better Ball Bearings pays its shareholders every eight months and Koffmore Chemists pays every eighteen months. In January 1990 all three companies paid me a dividend. In what month and year did this next happen?

- A July 1991
- B January 1992
- C July 1995
- D January 1996
- E January 2002

Question 4 (8)

- 8 The Richter Scale is used to measure the strength of earthquakes. It has the property that an increase of one unit on the scale represents a tenfold increase in the strength of the quake. Three earthquakes have the following values on the Richter Scale:

X : 2.0

Y : 3.0

Z : 4.0

Which one of the following statements about their relative strengths is true?

- A X is one-tenth the strength of Y and one-twentieth the strength of Z.
- B X is one-tenth the strength of Y and one-hundredth the strength of Z.
- C X is one-tenth the strength of Y and one-thousandth the strength of Z.
- D Z is twice as strong as X and Y is one-and-a-half times as strong as X.
- E Z is one-tenth stronger than Y which is one-tenth stronger than X.

Question 5 (11)

Many people imagine that large country houses in the eighteenth century had smooth lawns. But in those days there was no way of killing wild plants and weeds and, with the lawnmower not invented, the only method of cutting a lawn was by teams of gardeners with hand scythes; today's weed-free close cuts were unthinkable. Given this, lawns must have been like flowery meadows.

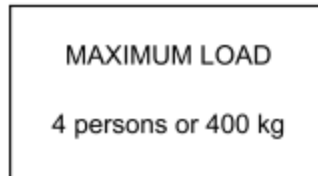
Which one of the following best expresses the main conclusion of the argument above?

- A Modern lawns are kept smooth only with the use of weedkillers and lawnmowers.
- B The upkeep of eighteenth century lawns required the employment of large numbers of gardeners.
- C In the eighteenth century, lawns were not smooth but more like flowery meadows.
- D It is more natural to have a lawn like a flowery meadow than one kept in smooth condition.
- E Modern lawns would seem boring to a person from the eighteenth century.

Question 6 (18)

- 18 I have been asked to move 120 boxes weighing 25kg each and 90 boxes weighing 20kg each from the ground floor to the fifth floor of the office block in which I work. Unfortunately, nobody is available to give me any help.

There is a sign in the lift which reads:



I weigh 80kg.

What is the minimum number of journeys I will have to make from the ground floor to the fifth floor?

- A 10
- B 12
- C 13
- D 15
- E 16

Question 7 (21)

Increasingly, the affluent middle classes are choosing private health care. This has been accompanied by steady decline in the National Health Service (NHS), evidenced by poor funding, understaffing, long waiting lists and substandard hygiene. The obvious solution would be to ban private healthcare, since its take-up by a privileged but growing minority is inevitably driving down standards in the NHS.

Which one of the following is the best illustration of the flaw in the above argument?

- A The NHS has recently received funding increases.
- B The NHS is not in decline, we simply expect more of it these days.
- C People might choose private health care because of decline in the NHS.
- D People should have the freedom to choose the best healthcare option.
- E The NHS would flourish if funds were not diverted to private health care.

Question 8 and 9 are the same as last week, but we did not get a chance to go through them in full and some groups did not reach them. If you already have answers from last week, try to make them longer and then think of more answers to q.10

Question 8

Should parking fines be based on the driver's income?

One argument for; one argument against!

Question 9:

What changes in society will follow from increased life expectancy?

Three points!

Question 10:

In what ways is equality important in our society?

Have a think about some answers - in what way do we need to be "equal"?