Numerical Reasoning

Free Test 2

📖 Questions Booklet

Instructions

This practice test contains **5 questions**, and you will have **5 minutes** to answer them.

Each question will have four possible answers, one of which is correct.

Calculators are permitted for this test. It's recommended to have some rough paper for your calculations. You will have to work quickly and accurately to perform well in this test. If you don't know the answer to a question, leave it and come back to it if you have time.

Try to find a time and place where you will not be interrupted during the test. When you are ready, turn to the next page and begin.

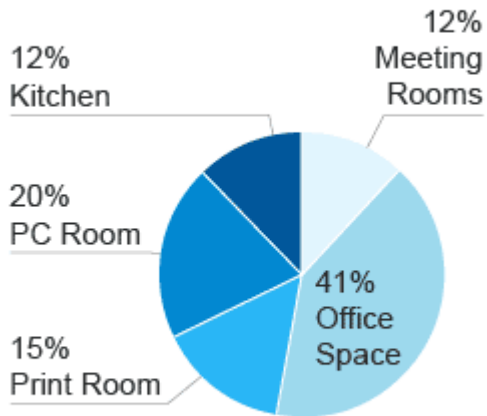| Company	Company Annual Profit (£)	Cost to Buy Company (£)	Number of Employees
A	20,000	18,000	5
B	26,000	25,000	8
C	21,000	20,000	8
D	30,000	30,000	18

Q1 If the profits per employee remain the same, how many extra employees would Company B have to recruit to achieve annual profits of £39,000?
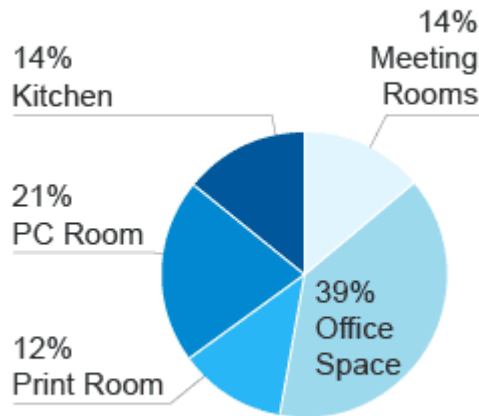
(A) A
(B) B
(C) C
(D) D

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Building Energy Use 1990
Total: 17,000 kWh

12% Kitchen
12% Meeting Rooms
20% PC Room
15% Print Room
41% Office Space

Building Energy Use 2000
Total: 15,000 kWh

14% Kitchen
14% Meeting Rooms
21% PC Room
12% Print Room
39% Office Space

Q2 Which space experienced the smallest reduction in kWh used between 1990 and 2000?

(A) Office Space
(B) Print Room
(C) Meeting Rooms
(D) PC Room

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Sector	Male	Female
Voluntary Work	41,000	67,000
IT	121,000	107,000
Engineering	398,000	105,000
Legal Services	273,000	251,000
Healthcare	227,000	271,000
Business Services	186,000	124,000
Self-Employed	45,000	62,000
Unemployed	52,000	43,000
Total	**1,343,000**	**1,031,000**

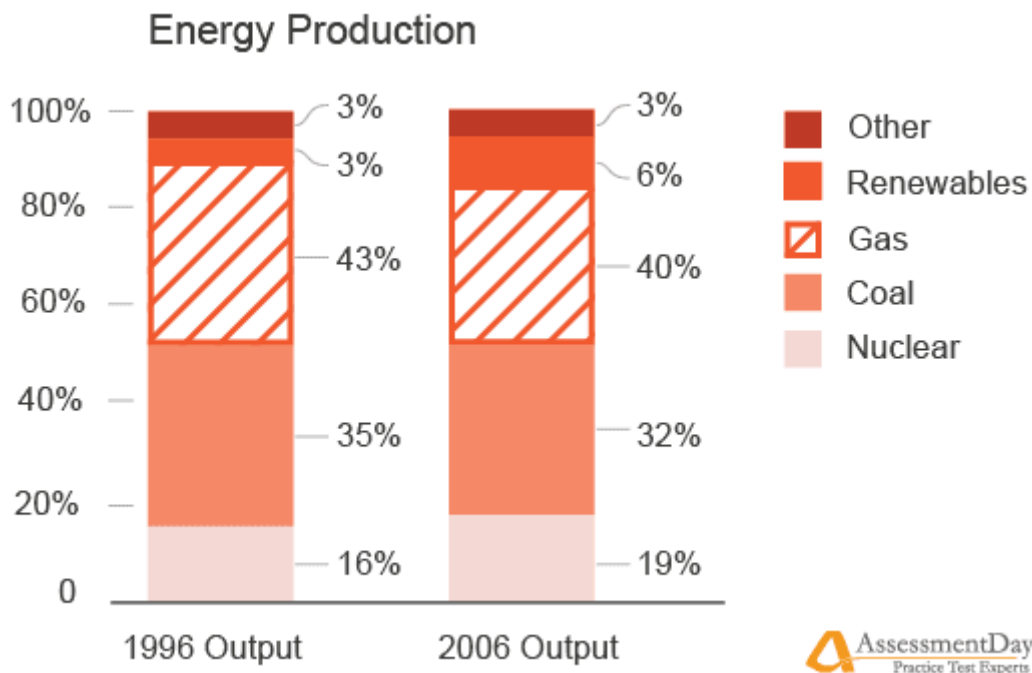**Q3** Approximately what percentage of the people sampled are unemployed?

(A) 7%
(B) 5%
(C) 6%
(D) 4%

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Town		Aug	Sept	Oct	Nov	Average Cost per Accident (£)
Ribley	Number of Accidents	8	6	12	10	1,900
	Vehicles on Road	85,000	76,000	79,000	81,000	
Wartop	Number of Accidents	14	18	4	20	3,200
	Vehicles on Road	112,000	101,000	89,000	117,000	
Surren	Number of Accidents	6	20	9	21	1,050
	Vehicles on Road	96,000	104,000	119,000	125,000	

Q4 The only towns in the County are Ribley, Wartop and Surren. What was the average accident cost per vehicle on the road in September for the County?

(A) £0.17
(B) £0.32
(C) £0.94
(D) £2.50

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Energy Production

Q5 In 1996, total output from all fuels was 200TWh. If output for Nuclear in 2006 was twice that for Coal in 1996, what was the output for Nuclear in 2006?

(A) 140Twh
(B) 400Twh
(C) 64Twh
(D) 96Twh

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End of test

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