



# Workforce Ability Test 5

Question Booklet

## Instructions

This Ability test comprises **50 questions**, and you will have **50 minutes** in which to correctly answer as many as you can. Calculators are not permitted for this test, and it is recommended you have some rough paper to work on.

The test comprises of three sections:

1. Verbal Section (15 Questions)
2. Numerical Section (15 Questions)
3. Critical Reasoning (15 Questions)
4. General Questions (5 Questions)

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.

You may click Back and Next during the test to review or skip questions.

You can submit your test at any time. If the time limit is up before you click submit the test will automatically be submitted with the answers you have selected. It is recommended to keep working until the time limit is up.

Try to find a time and place where you will not be interrupted during the test.

**When you are ready, begin the test.**

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The European Space Agency (ESA) is the body which decides the scope and direction of European space initiatives. It is funded by its participating states, currently 18 in number. Each state contributes funding according to its own economic strength. The ESA controls the funding of existing activities such as the Planar rocket and space station projects but is also responsible for the initiation of new projects like the next generation of weather satellites. Some of the ESA projects are compulsory but others are not, in which case member states are free to choose whether they become involved. There is a direct correlation between the amount of money that a member state agrees to invest in a programme and the amount of benefit it can expect in return through contracts awarded to its domestic space industry. ESA directors are keen to maintain a high level of funding from its member states even in times of global economic downturn since they believe that a longer-term view is needed to preserve the reputation of European space technology.

Q1 Efforts toward the Planar rocket have not yet begun.

True

False

Cannot say

Q2 Financial support provided to the ESA is proportional to each member state's gross domestic product.

True

False

Cannot say

Q3 ESA member states are obliged to contribute to some of the projects managed by the ESA.

True

False

Cannot say

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Some commentators argue that in times of global economic uncertainty governments should be boosting flagging economies by investing in major infrastructure projects. Governments should grasp the opportunities presented to tackle global climate change, at the same time as stimulating the economy, by using this public sector investment to move towards a new low-carbon economy. Investment is needed in low-carbon (popularly referred to as ‘green’) projects like renewable energy generation, adapting buildings to be more energy efficient, improving transport networks and even building pipelines to carry captured CO<sub>2</sub> to undersea storage facilities. No country is untouched by the effects of climate change and everyone acknowledges that the political will has to be found if we are to see any real changes.

Q4 Government investment in green infrastructure projects will promote economic growth.

True

False

Cannot say

Q5 Many people anticipate that a flagging economy will benefit green Projects

True

False

Cannot say

Q6 Some countries are not yet affected by climate change.

True

False

Cannot say

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Outsourcing – purchasing services from an external supplier rather than performing the work internally – is a popular but politically sensitive means of cutting costs. There has been an increasing use of third parties for HR functions, such as managing payroll and other employee data, and for traditional Finance functions, such as invoice services. The manufacture of goods has even become part of this trend; though the design function is typically kept in-house. Third party call centre operatives can offer customer service expertise that may be more expensive to provide in-house. “Offshoring”, when functions are moved abroad, often to India or China, where the average wage is considerably lower raises job protection issues. The potential profits from outsourcing operations encourage underdeveloped countries to invest in the necessary educational infrastructure and skills training that are required to support such business. Still, higher corporate profits may be seen to be at the expense of low-wage economies, and the cost benefits are not always passed on to the consumer. Additionally the consumer may not benefit from an improved quality of customer service. Outsourcing decreases prices in another way – the competitive marketplace in which service providers companies operate gets squeezed.

Q7 Offshoring is synonymous with outsourcing.

True

False

Cannot say

Q8 Low wage countries may need to enhance their infrastructure to attract outsourcing contracts.

True

False

Cannot say

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Q9 Outsourcing providers compete aggressively for client contracts.

True

False

Cannot say

Q10 The outsourcing trend has led to a reduction in the cost of consumer goods.

True

False

Cannot say

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Choose a word or group of words that can replace the underlined words in the sentence

Q11 Her approaches cut him to the quick. This means that he

- A. Was made to eat quickly
- B. Was wounded
- C. Was deeply hurt
- D. Began to speak angrily
- E. Was tortured

Q12 Nonso's father gave him a free hand to run the family business. This means that his Father

- A. Assisted him freely
- B. Allowed him to make his own decisions
- C. Made him sole owner of the business
- D. Allowed him freedom of movement in the premises
- E. Made him to leave the business

Q13 The lady swallowed the whole story hook, line and sinker. This means that the lady

- A. Totally delivered the story
- B. Totally believed the story
- C. Had her doubts about the story
- D. Thoroughly enjoyed the story
- E. Totally disbelieved the story

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Q14 The government has approved a new salary structure as an incentive for workers

- A. A reward
- B. An encouragement
- C. A package
- D. An advance
- E. A promise

Q15 She was reprimanded by her boss for negligence

- A. Sacked
  - B. Rebuked
  - C. Punished
  - D. Surcharged
  - E. Charged
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£	Jan	Feb	March	April	May
<b>Total sales</b>	136,000	135,000	136,500	156,000	145,000
<b>Operating expenses</b>	61,000	63,000	65,000	50,000	55,000
<b>Income</b>	£75,000	£72,000	£71,500	£106,000	£90,000
<b>Current assets</b>	66,500	63,000	65,000	68,000	66,000
<b>Property assets</b>	36,000	35,500	36,000	38,000	36,500
<b>Fixed assets</b>	38,000	34,000	32,000	45,000	40,000
<b>Total assets</b>	£140,500	£132,500	£133,000	£151,000	£142,500
<b>Liabilities</b>	34,400	35,600	33,000	35,000	33,500

*Working Capital to Total Assets ratio = (Current Assets – Liabilities) / Total Assets*

Q16 Which month has the lowest asset turnover value? (Use the formula Asset Turnover = Total Sales / Fixed Assets)

- A. January
- B. February
- C. March
- D. April
- E. May

Q17 Compared to May's figures, Total sales for June show an increase of 8% and Operating expenses show a decrease of 7%. What is June's Income?

- A. £105,450
- B. £95,450
- C. £85,450
- D. £75,450
- E. Can't tell from the data



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Q18 Which month has the highest Working capital to Total assets ratio?

- A. January
- B. February
- C. March
- D. April
- E. May

Q19 If the average value of Total assets between the months of April to June is £150,000, what is the value of Total assets in June?

- A. £154,500
- B. £155,000
- C. £155,500
- D. £156,000
- E. £156,500

Q20 If the average monthly sales for the first five months of the year was the same for the months of June to December, what was the total annual sales?

- A. £1,500,400
  - B. £1,600,400
  - C. £1,700,400
  - D. £1,800,400
  - E. £1,900,400
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Laptop model	COSTS		UK Price (£)	Sale price as fraction of normal UK price
	Manufacturing cost (£)	Design cost (£)		
Adelphi	165	60	400	1/2
Adele	140	90	350	3/4
Faze	120	60	380	2/5
Stunn	145	115	420	1/2
Brete	195	130	650	2/3

Q21 For which laptop, or laptops, is the difference between the manufacturing cost and the design cost less than 20% of the manufacturing cost?

- A. Brete
- B. Stunn and Adelphi
- C. Adelphi
- D. Stunn
- E. None of these

Q22 Put the laptop models in order of increasing mark-up (Mark-up = Price – Costs).

- A. Adele, Adelphi, Stunn, Faze, Brete
- B. Adele, Stunn, Brete, Adelphi, Faze
- C. Adele, Stunn, Adelphi, Faze, Brete
- D. Stunn, Adele, Adelphi, Brete, Faze
- E. Adele, Stunn, Adelphi, Brete, Faze

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Q23 If the same number of each model was sold last month and total sales were £220,000, how many of each model were sold?

- A. 200
- B. 2510
- C. 100
- D. 2150
- E. Cannot Say

Q24 Which of the following would generate the highest total amount at the sale prices shown?

- A. 75 Adele laptops on sale
- B. 150 Adele laptops at a further 60% reduction to the sale price
- C. 50 Faze and 50 Stunn laptops on sale
- D. 45 Brete laptops on sale
- E. 90 Stunn laptops on sale

Q25 If the sale price for a Faze laptop is \$182.40 in the United States and 255.36 Euros in France, what is the sale price ratio for UK:US:France? (Use exchange rates of 1.2 Euros to the £; and 1.5\$ to the £).

- A. 152:121:212
  - B. 7:6:9
  - C. 5:4:7
  - D. 4:5:7
  - E. 152:122:213
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- Q26 Judy is now twice as old as Adam but 6 years ago she was 5 times as old as he was. How old is Judy now?
- A. 10 B. 16 C. 20 D. 24 E. 32
- Q27 If 25 students took an exam and 4 of them failed, what percent of them passed?
- A. 84 B. 88 C. 90 D. 100 E. 102
- Q28 The price of a can of soup was increased by 20%. How many cans can be purchased for the amount of money that used to buy 300 cans?
- A. 200 B. 240 C. 250 D. 300 E. 350
- Q29 A hospital has enough pills on hand to treat 10 patients for 14 days. How long will the pills last if there are 35 patients.
- A. 4 B. 5 C. 6 D. 7 E. 8
- Q30 John can read 72 pages per hour. At this rate, how many pages can he read in 72 minutes
- A. 68.4 B. 86.4 C. 88.4 D. 89.2 E. 92.4
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The following are considered general questions, attempt as many as you can

Q31 A banking institution that avoids making interest from it's customers is the

- A. Islamic Bank
- B. Arabic Bank
- C. Central Bank
- D. Regional Bank
- E. Microfinance Bank

Q32 A Bank that provides liquidity to the banking System and act as the lender of last resort in the event of crisis is the

- A. SenateBank
- B. National Bank
- C. World bank
- D. Commercial Bank
- E. Continental Bank

Q33 After the first capitalization screening exercise where 5 banks were found to be insolvent. The CBN improved the banks liquidity by injecting

- A. 620 billions
- B. 500 billions
- C. 420 billions
- D. 300 billions
- E. 220 billions

Q34 Dr J.O sanusi was the governor CBN which period

- A. 1992 – 1997
  - B. 1997 – 2002
  - C. 1999 – 2004
  - D. 2000 – 2005
  - E. 2009 – 2013
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Q35 Tom was ineligible to vote at the general elections because he was under the age of eighteen, this makes him a

- A. Criminal
- B. Offender of the law
- C. Minor
- D. Major
- E. Convict

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The next 15 Questions deal with Critical Reasoning:

Q36 Families with 2-3 children are more likely to own a cat than are members of any other demographic group. The popular belief that single, old ladies are more likely to be feeding cats than a family, must therefore be false.

There is a problem in the argument because...

- (A) The author does not supply any information about demographic groups other than families with 2-3 children.
- (B) The author depends on a popular belief rather than documented research.
- (C) The author does not specify the precise types and ages of cats involved.
- (D) The author fails to point the difference between owning cats and feeding possibly stray cats.
- (E) The author might be working for a cat-food factory.

Q37 Last year, inflation in Canada stood at 2%, but this year inflation is just 0.7%. However, this downwards trend might stop, and inflation might go back up next year.

Which of the following, if true, most strengthens the conclusion?

- (A) Inflation figures are calculated using a sample of economic data, and not all the available data.
- (B) Low inflation figures generally last for periods of at least 3 years.
- (C) Government intervention cannot affect the rate of inflation to any significant degree.
- (D) The 0.7% figure represents a 15-year low in Canada.
- (E) The economic crisis, which lowered inflation figures this year, is expected to be over before next year starts.

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Q38 Which of the following is the most logical completion of the passage below?

In the 1940s, the introduction of the 33 rpm long-playing vinyl record completely changed the way we listen to music. The breakable and three minute 78 rpm record soon disappeared from the marketplace. In our day, the compact disk, superior in quality and convenience, has replaced the vinyl long-playing record and will . . .

- A. increase the size of the record-buying public.
- B. increase the profits of the record industry.
- C. drive the 78 rpm record from the second-hand market.
- D. make the manufacture of phonographs that play 33 rpm records unnecessary.
- E. encourage the growth of computer-generated music.

Q39 Most people who betray their country through some form of espionage are driven by irrational desires to feel powerful or important, to seek revenge, or even to take risks. If these people were thinking rationally, they would not be involved in such self-destructive behavior.

The argument above rests on which of the following assumptions

- A. Self-destruction is the most frequent result of espionage.
- B. The desire to feel powerful is always irrational.
- C. Those involved in espionage do not have rational reasons for their behavior.
- D. Espionage is rarely a successful way to gain revenge.
- E. Risk-taking is a less frequent motivation for espionage than the desire to feel important



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Q40 Fran: I want to stay out of Professor Caldwell's classes if I can. I've heard she's very strict when it comes to giving out the grades.

Sid: That's not true. My friend Phil took her class last year, and she gave her an A

From the conversation above it can be inferred that Sid interpreted Fran's statement to mean that Professor Caldwell.....

- A. makes unfair demands on her students
- B. Only gives good grades to a few favored students
- C. Has become increasingly strict in her grading over the past year
- D. Gives out fewer good grades than most teachers in the department.
- E. Never gives out grades of A

Q41 In a laboratory study 160 rabbits in an experimental group were injected with serum D. While 160 rabbits in a control group were injected with a harmless sugar solution within two weeks, 39% of the experimental group rabbits had contracted jungle fever, a highly contagious and usually fatal disease. Therefore, jungle fever must be caused by some substance similar to the substance found in Serum D.

The above argument would most greatly strengthened if it were shown that

- A. The normal rate of jungle fever among rabbits is less than 0.01%
- B. 40% of the rabbits in the control group had also contracted jungle fever within two weeks
- C. Serum D contains substances extracted from the root of a certain poisonous jungle wildflower
- D. The blood of jungle fever victims invariably contains a high level of a certain toxic substance also found in serum D.
- E. Nearly all the rabbits who contracted jungle fever died within two days of the appearance of the first symptoms

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Q42 The high level of violence in children's television programming today has often been cited as an explanation for the increased violence in our society as a whole. And in fact, some recent studies show that the level of TV violence has increased considerably over the past twenty years. However, other studies indicate that the level, while high is only slightly greater than it was twenty years ago.

All of the following, if true, would be useful in explaining the above EXCEPT

- A. Numerous studies of TV violence have been conducted in the past twenty years, and their results were not always in agreement
- B. All those involved in conducting the studies cited had the same perception of what constitutes "violence" in TV programming
- C. Despite their best efforts at impartiality, those who conducted studies of TV violence sometimes allow their preconceived ideas to affect their findings
- D. Many factors other than TV violence have a significance effect on the level of violence in society
- E. The methodology generally used in studies of TV violence has changed considerably over the past twenty years.

Q43 Prior to the development of the "horseless carriage" around the start of the twentieth century, horses in our cities left tons of unsightly, messy and malodorous manure on our streets. Based on this fact alone there is no question that by any measure, the automobile has been a boon to humankind.

Which of the following, if true, most seriously weakens the, argument above?

- A. Air pollution caused by automobile exhaust is less deleterious to health than that caused by horse manure.
- B. In the nineteenth century, almost as many people were killed each year by horse-drawn conveyances as are killed today by automobiles.
- C. In many cities, automobile traffic has been banned from large downtown area to provide room for pedestrian mails.
- D. Compared to horse- drawn carriages, automobiles are less efficient in terms of the energy required to operate them
- E. Automobiles enable people to travel greater distances in less time than did the horse-drawn conveyances.

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Q44 At the end of the nineteenth century, most Americans lived in houses in rural areas and dogs were by far the most popular type of pet. Today, however, the majority of Americans live in urban apartments and more people keep cats than any other animal.

Which of the following conclusions is most strongly supported by the statements above?

- A. City life is more congenial than country life for people and their pets
- B. Cats are more appropriate as pets for apartment dwellers than are dogs
- C. Today as compared to the past, more people prefer having cats as pets than dogs
- D. Dogs who live in city apartments are often unhealthy and unhappy
- E. Dogs have decreased in popularity due to city ordinances restricting the maintenance of pets in apartments.

Q45 MARY: All of the graduates from Midland High School go to State College.

ANN: I don't know. Some of the students at State College come from North Hill High School

Ann's response shows that she has interpreted Mary's remark to mean that

- A. Most of the students from North Hills High School attend State College
- B. None of the students at State college are from Midland High School
- C. Only students from Midland High School attend State College
- D. Midland High School is a better school than North High Hill School
- E. Some Midland High School graduates do not attend college.

Q46 All students have submitted applications for admission. Some of the applications for admission have not been acted upon, therefore some more student will be accepted. The logic of which of the following is most similar to that of the argument above?

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- A. Some of the barrels have not yet been loaded on the truck, but all of the apples have been put into barrels. So, some more apples will be loaded onto the truck.
  - B. All students who received passing marks were juniors. X received a passing mark. Therefore, X is a junior
  - C. Some chemicals will react with glass bottles, but not with plastic bottles. Therefore, those chemicals should be kept in plastic bottles and not glass ones
  - D. All advertising must be approved by the Council before it is aired. This television spot for a new cola has not yet been approved by the council. Therefore, it is not to be aired until the council make its decision.
  - E. There are six blue marbles and three red marbles in this jar. Therefore, if I blindly pick out seven marbles, there should be two marbles left to pick.

Q47 Some Alphas are not Gammas, All Betas are Gammas

Which of the following conclusions can be deduced from the two statements above?

- A. Some Alphas are not betas
- B. No Gammas are Alphas
- C. All Gammas are Betas
- D. All Alphas are Gammas
- E. Some Alphas are Gammas

Q48 ALI: If an alien species ever visited Earth, it would surely be because they were looking for other intelligent species with whom they could communicate. Since we have not been contacted by aliens, we may conclude that none have ever visited this planet

AMY: Or, perhaps, they did not think human beings intelligent.

How is Amy's response related to Al's argument?

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- A. She misses Ali's point entirely
  - B. She attacks Ali personally rather than his reasoning
  - C. She point out that Ali made an unwarranted assumption
  - D. She ignores the detailed internal development of Ali's logic
  - E. She introduces a false analogy

Q49 I maintain that the best way to solve our company's present financial crisis is to bring out a new line of goods. I challenge anyone who disagrees with this proposed course of action to show that it will not work. A flaw in the preceding argument is that it

- A. Employs group classifications without regard to individuals
- B. Introduces an analogy which is weak
- C. Attempts to shift the burden of proof to those who would object to the plan
- D. Fails to provide statistical evidence to show that the plan will actually succeed
- E. Relies upon a discredited economic theory

- Q50 I. Whenever some of the runners are leading off and all of the infielders are playing in, all of the batters attempt to bunt.
- II. Some of the runners are leading off but some of the batters are not attempting to bunt.

Which of the following conclusions can be deduced from the two statements above?

- A. Some of the runners are not leading off
  - B. Some of the batters are attempting to bunt
  - C. None of the infielders is playing in
  - D. All of the infielders are playing in
  - E. Some of the infielders are not playing in.
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