

INSTRUCTIONS

- This test consists of a series of passages, each of which is followed by several statements.
- Your task is to evaluate each statement, **based on the information given in the passage**, and to mark the appropriate space on the answer sheet, following the rules given below.
- Now we will work through the examples given below, to ensure you know how the test works.
- Mark your answers in the section below.

EXAMPLE

The slogan, "leadership through quality", has been adopted for our current public Relations campaign in an attempt to upgrade our image. This reflects the emphasis this company has always placed on quality. The campaign aims to express outwardly our interpretation of quality as technical excellence, breadth of product range, customer service and value for money. We are convinced that the investment involved will result in increased profits

Mark A if the statement is **TRUE** or follows logically

Mark B if the statement is **FALSE** or the opposite follows logically

Mark C if you **CANNOT SAY** whether the statement is true or untrue

1. Quality is being defined in terms of four concepts.
2. The company has previously paid little attention to public relations.
3. Investment in public relations is not expected to produce a financial return.
4. The quality slogan is being used as an image-building device.

Question Number	A	B	C
1	X		
2			X
3		X	
4	X		

REMEMBER

- The test consists of 40 questions and you have 20 minutes in which to answer them.
- You will need to work quickly and accurately
- Fill in completely the appropriate square or circle on the answer sheet.
- Do not make any marks on this test book
- Always make sure that the number of the question corresponds with the number on the answer sheet
- Fully erase any answer you wish to change

DO NOT TURN THE PAGE UNTIL YOU ARE TOLD TO DO SO

Confederation and Friendly Trust published a rather self-conscious statement yesterday morning, to inform shareholders of 'an approach' which could possibly lead a bid for the company. It now transpires that the approach was made by Executive Life Group whose subsidiary, Crown and Colonial Insurance, already has a substantial holding in Confederation and Friendly. The exact nature of the approach has still not been made clear.

Mark A if the statement is **TRUE** or follows logically

Mark B if the statement is **FALSE** or the opposite follows logically

Mark C if you **CANNOT SAY** whether the statement is true or untrue

1. **A** Executive Life Group has an indirect holding in Confederation and Friendly Trust.
2. **B** Crown and Colonial Insurance has no involvement in Confederation and Friendly Trust
3. **A** Confederation and Friendly are showing a degree of caution in releasing information about the potential bid.
4. **C** Confederation and Friendly Trust wish to contest any bid to control over them.

Parts can only be drawn on the basis of properly completed dockets, which are issued by the Engineering Department. For jobs which are currently in progress, any request for materials or spares will be prioritized in accordance with the urgency of the order, as determined by the Chief Engineer's office. Only in the case of emergency call-out where spares or materials are needed immediately will these be made available without such explicit authorization.

Mark A if the statement is **TRUE** or follows logically

Mark B if the statement is **FALSE** or the opposite follows logically

Mark C if you **CANNOT SAY** whether the statement is true or untrue

5. **A** The procedure for indenting for parts has become more rigorous.
6. **B** The issue of spares for emergency repairs has no priority over parts planned for project work.
7. **A** The issue of parts is normally subject to an assessment of urgency.
8. **B** Materials cannot be issued from the store without the express approval of the Chief Engineer.

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Infocorp was originally set up as a joint venture between the Business Office Bureau and Cash Machines Limited. The latter contributed both technical and marketing know-how for 50% of the equity, whilst the government agency, which controls the rest of the ownership, provided 90% of the necessary initial funding. Hitherto, government departments and local authorities have provided the main client base. Whilst continued marketing effort will be put into this area, the organisation's current 'mission statement' refers primarily to the area of small businesses, which is also of particular interest to the Business Office Bureau

Mark A if the statement is **TRUE** or follows logically

Mark B if the statement is **FALSE** or the opposite follows logically

Mark C if you **CANNOT SAY** whether the statement is true or untrue

9. **B** The majority of Infocorp's initial funding came from the private sector.
10. **B** Infocorp is seeking to change its client mix.
11. **A** Cash Machines Limited's holding in Infocorp was justified more by their expertise than by financial input.
12. **C** A change in the ownership structure of Infocorp is imminent.

A recent survey showed that employees of the Inland Revenue were three times as likely as other members of the national workforce to suffer from anxiety or depressive illness. So one can only welcome the new guidelines to them, which encourage a more informal, helpful and co-operative approach to their work, both with individuals and corporate entities. The image of the tax inspector or collector has been rather negative, from biblical times onwards, and they can even be the butt of much humour, as well as being blamed for the misfortunes of many small business people who cannot keep their books straight. Law enforcement agencies always have a narrow tightrope to tread, but some manage better than others.

Mark A if the statement is **TRUE** or follows logically

Mark B if the statement is **FALSE** or the opposite follows logically

Mark C if you **CANNOT SAY** whether the statement is true or untrue

13. **B** It is only since the Industrial; revolution that tax collectors have acquired a negative image.
14. **B** Depression and anxiety are less prevalent among tax officials than in the rest of the economy.
15. **C** One in three employees of the revenue service suffers from anxiety or depression.
16. **A** Revenue staff should aim to carry out their enforcement role in a generally helpful manner.

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Until the 1970's the design and manufacture method of bicycles had remained virtually static for many years. However, in recent years the market has grown with increased demand from children, business people and keep fit enthusiasts. The trend has been to produce more racing bicycles with multiple gears, folding bicycles and exercise bicycles. The variety of models has increased enormously, though their durability and reliability has not improved.

Mark A if the statement is **TRUE** or follows logically

Mark B if the statement is **FALSE** or the opposite follows logically

Mark C if you **CANNOT SAY** whether the statement is true or untrue

17. **A** There has been an increase in sales of bicycles to keep fit enthusiasts.
18. **C** The demand for folding bicycles comes mainly from business people and keep fit enthusiasts.
19. **B** Since the 1970's the range of bicycles produced has lacked diversity.
20. **A** Folding bicycles are a recent innovation.

By the middle of the next decade a sharp fall in the availability of graduates has been predicted, which is in contrast to the present upwards trend towards a peak in three years time. Competition for graduates, which is already intense, is likely to increase over the next decade, as demand exceeds supply. Employers need to be increasingly proactive in their planning for coping with the anticipated shortage,

Mark A if the statement is **TRUE** or follows logically

Mark B if the statement is **FALSE** or the opposite follows logically

Mark C if you **CANNOT SAY** whether the statement is true or untrue

21. **A** There will be an increase in the number of graduates available for employment next year.
22. **B** Despite declining numbers of graduates in the next decade supply will still exceed demand.
23. **A** By the middle of the next decade, graduates should have improved prospects of gaining employment, compared with current graduates.
24. **C** Current and future trends in graduate employment are the subject of much research.

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Ocean-going vessels need charts of the sea bed, often more than a thousand for a single voyage; frequent changes of knowledge about the sea bed entail many hours of work altering the charts by hand. A new electronic system would be able to store and automatically update all the information presently contained in charts and display this on a screen. Such charts are invaluable to fishermen in locating fish and in helping them to avoid fouling their nets.

Mark A if the statement is **TRUE** or follows logically

Mark B if the statement is **FALSE** or the opposite follows logically

Mark C if you **CANNOT SAY** whether the statement is true or untrue

25. **B** The proposed electronic system would not be an alternative to conventional charts of the sea bed.
26. **C** The proposed system would be more valuable to the fishing industry than to other mariners.
27. **A** The new electronic system would make the updating of information a less labour intensive operation.
28. **C** The shape of the ocean floor is constantly changing.

During the last six months vehicles covering the North and West regions have consistently managed to exceed their targets for delivery within three days from receipt of order. They have also been able to cope with 90% of all 'specials'; that is, emergency orders for immediate delivery at premium rates. The South and East regions, on the other hand, are still performing below target. A number of reasons have been put forward for this difference in performance: greater traffic congestion, higher labour turnover of drivers and more variability in customer ordering patterns in the South and East; and a fall off in volume of business in the North and West, compared with the same period last year.

Mark A if the statement is **TRUE** or follows logically

Mark B if the statement is **FALSE** or the opposite follows logically

Mark C if you **CANNOT SAY** whether the statement is true or untrue

29. **A** Customers have to pay extra for an immediate delivery service.
30. **B** 'Special' orders are on the increase in the South and East.
31. **C** The delivery service in the North and West is no more cost effective than that in the South and East regions.
32. **B** More goods have been sold in the North and West regions in the past 6 months, than in the same period last year.

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Palmer's survey posed a number of questions relating to the introduction of new technology, a key issue for most firms in this industry over the past decades. The survey report suggests that this may become an increasingly important topic in management-union discussions. Hitherto, bargaining has mainly concerned pay and manning, with subjects such as health and safety being negotiated in about half the cases quoted. It was only in a small minority of cases covered by the survey that capital investment policy or choice of technology were formally raised as bargaining issues.

Mark A if the statement is **TRUE** or follows logically

Mark B if the statement is **FALSE** or the opposite follows logically

Mark C if you **CANNOT SAY** whether the statement is true or untrue

33. B According to Palmer's survey, health and safety is less frequently a bargaining subject than is technology.
34. A Based on issues raised in bargaining, the evidence for union interest in technology is still far from overwhelming.
35. B The survey suggests that the effect of technology changes on employee relations is largely a matter of past history.
36. B Unions are becoming less concerned with pay as a bargaining issue.

Under new regulations, airlines need only publish proposed changes to fares 10 days in advance and these will be implemented automatically unless the Aviation Authority finds them unfair. It is not expected that a price war will result and the encouragement of new market opportunities is welcomed, as well as a speeding up in the process of launching new fare scales.

Mark A if the statement is **TRUE** or follows logically

Mark B if the statement is **FALSE** or the opposite follows logically

Mark C if you **CANNOT SAY** whether the statement is true or untrue

37. B All fares are currently unreasonably high.
38. B Under previous regulations, it took longer than 10 days to bring new passenger tariffs into effect.
39. A The new regulations may enable airlines to attract new business.
40. B Even though the Aviation Authority accepts a new fare scale, an airline must wait 10 days before publishing the change.

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Mobil Producing Nigeria
Human Resources
Staffing and Development Group

NUMERICAL
CRITICAL REASONING

NCR 04-2

Duration: 35 min

Last updated Feb 2006

THIS BOOK CONTAINS 6 PAGES

DATA SHEET FOR NUMERICAL REASONING NCR 04-2

NIGERIAN OILFIELDS 1995				
Field	Average Daily Output (x1000 bls)	Total Output as % of previous year's	Operating Costs for year (Million \$)	Exploration & Capital Costs (Million \$)
ORION	150	90%	210	9,000
JUPITER	224	80%	240	6,000
GALILEO	510	150%	300	8,000
SIRIUS	418	110%	375	12,000
NEPTUNE	240	75%	120	12,000

1 Barrel sells for \$30

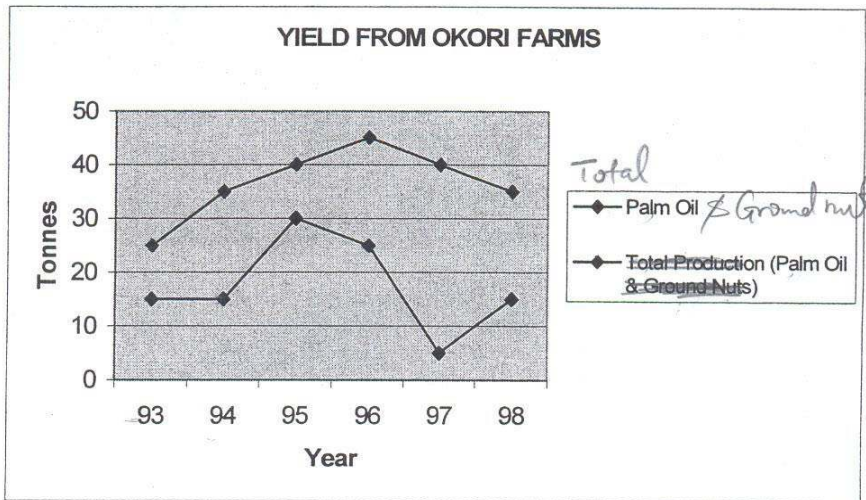
NEW ADMISSIONS TO PROFESSIONAL ASSOCIATIONS 2004				
	Graduates		Non-Graduates	
	N	%	N	%
Accountancy & Law	3672	18.3	5140	34.9
Engineering	7094	36.4	362	2.5
Science & Tech.	2447	12.6	816	5.5
Others (Commercial)	4759	24.4	3666	24.8
Others (Technical)	1596	8.2	4756	32.2
ALL PROFESSIONS	19468	100.00	14740	100.00

CROSS CHANNEL FERRIES TO AND FROM DOVER			
To Calais	To Boulogne	From Calais	From Boulogne
03:30	03:30	02:00	03:30
06:30	06:15	04:30	06:45
08:30	09:30	07:00	10:00
etc. until 23:30	etc. until 19:15	etc. until 22:00	etc. until 19:45

NB: All times are local times, i.e. France 1 hour ahead
 Crossing time to/from Calais 1.25 hours
 Crossing time to/from Boulogne 1.75 hours

COFFEE PRICE INDEX		
YEAR	GENERAL INFLATION RATE FOR THE YEAR (JAN - DEC)	COFFEE PRICE INDEX AT START OF YEAR
1995	6%	100
1996	10%	124
1997	10%	135
1998	7%	110
1999	12%	123

CHIROMA INSURANCE		
Sales Rep. Mileage Chart		
	Daramola	Ajani
WEEK 1	490	630
WEEK 2	502	322
WEEK 3	307	496
WEEK 4	752	525
WEEK 5	487	821



WORLD TOURISM 1991 (Most Popular Destinations)							
UK Tourists		French Tourists		German Tourists		American Tourists	
Spain	2172	Spain	9476	Denmark	13307	Canada	11641
France	2000	Italy	1678	Austria	7369	Mexico	2700
Italy	690	UK	1171	Spain	3880	Italy	1840
Germany	673	Switzerland	644	Italy	3595	UK	1490
Netherlands	531	Germany	579	France	2890	Germany	1232
Belgium	472	Austria	368	Switzerland	1589	France	1055
Total Home Populations:							
50,000		50,000		60,000		230,000	

9.30
~~2.80~~
 * 12.15
 + 2.45
 11.20
 * 15.00
 2.45
 * 17.45
 2.45

ESSIEN CHEMICALS					
	1996	1997	1998	1999	2000
Capital	\$789,600	\$884,300	\$994,800	\$1,126,000	\$1,261,200
Ratio(Turnover:Capital)	1.4:1	1.2:1	1.3:1	1.4:1	1.3:1
Pre-Tax Profit	\$157,920	\$221,000	\$218,900	\$225,200	\$252,240

INSTRUCTIONS

- In this test you will use facts and figures presented on the data sheet to answer questions.
- In each question you are given up to 5 possible answers, only one is correct.
- Do not write anything in this test paper, you will be given scratch paper to do your rough work on.
- Identify the correct answer and mark it on your answer sheet.
- We will work through the examples to ensure you understand the test.

EXAMPLES

1 What was Daramola's lowest mileage week?

A	Week 1	B	Week 2	C	Week 3	D	Week 4	E	Week 5
---	--------	---	--------	---	--------	---	--------	---	--------

2. How many tonnes of Ground Nuts were produced by Okori Farms in 1997?

A	5	B	10	C	35	D	40	E	45
---	---	---	----	---	----	---	----	---	----

3. What was the coffee price index mid way through 1995?

A	100	B	103	C	106	D	124	E	Cannot say
---	-----	---	-----	---	-----	---	-----	---	------------

ANSWERS

Question Number	A	B	C	D	E
1			X		
2			X		
3					X

REMEMBER

- This test consists of 35 questions and you have 35 minutes to answer them
- Fill in the appropriate answer on the answer sheet
- Always make sure that the number of the question corresponds to the number on the answer sheet
- Do not make any marks on this test booklet
- Do your calculations on the paper provided
- Fully erase any answer you wish to change

DO NOT TURN THE PAGE UNTIL YOU ARE TOLD TO DO SO

- B 1. What proportion of Okorie Farm's total production in 1995 was accounted for by Ground Nuts?
- | | | | | |
|-------|---------|-------|-------|-------|
| A 20% | B 25% ✓ | C 75% | D 60% | E 10% |
|-------|---------|-------|-------|-------|
- C 2. How many daily sailings are there from Dover to Boulogne?
- | | | | | |
|-----|------|-------|-----|-----|
| A 4 | B 10 | C 7 ✓ | D 6 | E 9 |
|-----|------|-------|-----|-----|
- B 3. Which professional association had the highest number of new admissions in 2004?
- | | | | | |
|---------------|-----------------------|------------------------|-----------------------|----------------------|
| A Engineering | B Accountancy & Law ✓ | C Science & Technology | D Others (Commercial) | E Others (Technical) |
|---------------|-----------------------|------------------------|-----------------------|----------------------|
- C 4. Approximately how many miles did Daramola cover during the five week period?
- | | | | | |
|--------|--------|----------|--------|--------|
| A 2100 | B 2300 | C 2500 ✓ | D 2790 | E 3100 |
|--------|--------|----------|--------|--------|
- D 5. Which field produced the most oil in 1994 (not 1995)?
- | | | | | |
|---------|-----------|-----------|------------|-----------|
| A Orion | B Jupiter | C Galileo | D Sirius ✓ | E Neptune |
|---------|-----------|-----------|------------|-----------|
- A 6. What was the approximate turnover of Essien Chemicals in 1999?
- | | | | | |
|-----------------|-------------|-------------|---------------|--------------|
| A \$1,576,000 ✓ | B \$804,300 | C \$225,200 | D \$1,836,000 | E Cannot say |
|-----------------|-------------|-------------|---------------|--------------|
7. What proportion of the UK population in 1991 was equivalent to the number of UK tourists visiting France in that year?
- | | | | | |
|--------|------|------|------|-------|
| A 0.2% | B 2% | C 6% | D 8% | E 42% |
|--------|------|------|------|-------|
- D 8. How much higher was the coffee index at the beginning of 1997 than if it had risen with the general inflation rate in 1995 and 1996?
- | | | | | |
|-------|--------|--------|----------|--------|
| A 7.4 | B 10.6 | C 14.4 | D 18.4 ✓ | E 20.6 |
|-------|--------|--------|----------|--------|
- E 9. Which category of professional associations had the greatest ratio of non-graduate to graduate new admissions in 1994? 2004
- | | | | | |
|---------------------|-----------------|------------------------|-----------------------|------------------------|
| A Accountancy & Law | B Engineering ✓ | C Science & Technology | D Others (Commercial) | E Others (Technical) ✓ |
|---------------------|-----------------|------------------------|-----------------------|------------------------|
- C 10. How many more German tourists visited France than French tourists visited Germany in 1991?
- | | | | | |
|-----------|-------------|---------------|-------------|-------------|
| A 740,000 | B 4,016,000 | C 2,311,000 ✓ | D 3,428,000 | E 3,131,000 |
|-----------|-------------|---------------|-------------|-------------|
- D 11. Between which years did Essien Chemicals' pre-tax profits as a percentage of capital decrease?
- | | | | | |
|-------------------------|-------------------------|---------------------------|---------------------------|---------------------------|
| A 1996 - 97 & 1998 - 98 | B 1996 - 97 & 1998 - 99 | C 1997 - 98 & 1999 - 2000 | D 1997 - 98 & 1998 - 99 ✓ | E 1998 - 99 & 1999 - 2000 |
|-------------------------|-------------------------|---------------------------|---------------------------|---------------------------|
- C 12. If output from the Neptune field increased by 50% in 1996, by how many thousands of barrels would its average daily output be more or less in 1996 compared with the output in 1994?
- | | | | | |
|-----------|------------|-------------|-----------|------------|
| A 20 less | B the same | C 20 more ✓ | D 40 more | E 110 more |
|-----------|------------|-------------|-----------|------------|
- E 13. If the price of coffee rose by the rate of inflation during 1999, approximately how much higher would the index have been at the start of 1990 than at the start of 1995?
- | | | | | |
|------|------|------|------|--------|
| A 21 | B 49 | C 61 | D 43 | E 38 ✓ |
|------|------|------|------|--------|
- C 14. Which is the first available ferry after 12.50pm (Dover time) to leave Dover for either French port?
- | | | | | |
|----------------------|--------------------|-----------------------|----------------------|-----------------|
| A 1.30pm to Boulogne | B 1.15pm to Calais | C 1.30 pm to Calais ✓ | D 1.45pm to Boulogne | E None of these |
|----------------------|--------------------|-----------------------|----------------------|-----------------|

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15. Between which two weeks was there the greatest proportional increase or decrease in Daramola's mileage, relative to the previous week?
- | | | | | |
|---------------|---------------|--|---------------|--------------|
| A Weeks 1 - 2 | B Weeks 2 - 3 | <input checked="" type="radio"/> C Weeks 3 - 4 | D Weeks 4 - 5 | E Cannot say |
|---------------|---------------|--|---------------|--------------|
16. What was the approximate ratio of German to French tourists visiting Austria in 1991?
- | | | | | |
|--------|-------|--------|--------|---|
| A 40:1 | B 6:1 | C 15:1 | D 30:1 | <input checked="" type="radio"/> E 20:1 |
|--------|-------|--------|--------|---|
17. If the output figure from the Galileo field represents crude oil only, which was 30% of the total output with the remainder being water, how many thousands of barrels of water were produced per day along with the oil?
- | | | | | |
|-------|--------|-------|--------|---|
| A 270 | B 2860 | C 910 | D 1700 | <input checked="" type="radio"/> E 1190 |
|-------|--------|-------|--------|---|
18. If Daramola received 5cents per mile less than Ajani and Ajani was due \$220.50 for week 1, how much was Daramola due
- | | | | | |
|---|------------|------------|------------|-----------------|
| <input checked="" type="radio"/> A \$147.00 | B \$171.50 | C \$275.80 | D \$322.50 | E None of these |
|---|------------|------------|------------|-----------------|
19. What will the time be in Dover when the last ferry arrives from either French port?
- | | | | | |
|----------|---|----------|-----------|----------|
| A 8.00pm | <input checked="" type="radio"/> B 9.00pm | C 9.45pm | D 10.15pm | E 1.00am |
|----------|---|----------|-----------|----------|
20. If Ground nuts sold for \$385 per tonne what was the value of Okorie Farms crop of Ground nuts for 1997?
- | | | | | |
|-----------|------------|---|------------|--------------|
| A \$8,475 | B \$10,475 | <input checked="" type="radio"/> C \$13,475 | D \$15,475 | E Cannot say |
|-----------|------------|---|------------|--------------|
21. What was the approximate percentage fall (to the nearest 5%) in the price of coffee from the beginning of 1996 to the beginning of 1998?
- | | | | | |
|---|------|-------|-------|-------|
| <input checked="" type="radio"/> A None | B 5% | C 10% | D 20% | E 35% |
|---|------|-------|-------|-------|
22. What was the approximate pre-tax profit of Essien Chemicals as a percentage of turnover in 2000?
- | | | | | |
|------|-------|-------|-------|--|
| A 5% | B 23% | C 11% | D 28% | <input checked="" type="radio"/> E 15% |
|------|-------|-------|-------|--|
23. Which oilfield has the highest ratio of annual operating costs to exploration and capital costs?
- | | | | | |
|---------|-----------|-----------|----------|--|
| A Orion | B Jupiter | C Galileo | D Sirius | <input checked="" type="radio"/> E Neptune |
|---------|-----------|-----------|----------|--|
24. What proportion of the total populations of the four tourist nations shown was the equivalent to the number visiting Italy in 1991?
- | | | | | |
|--------|---------------------------------------|--------|------|------|
| A 0.2% | <input checked="" type="radio"/> B 2% | C 0.3% | D 3% | E 4% |
|--------|---------------------------------------|--------|------|------|
25. If Okorie Farms' crop of Palm Oil was of equal value to their crop of Ground Nuts in 1993, and Ground nuts were worth \$300 per tonne, how much was Palm oil worth per tonne?
- | | | | | |
|---------|---------|---------|---------|--|
| A \$125 | B \$275 | C \$225 | D \$100 | <input checked="" type="radio"/> E \$200 |
|---------|---------|---------|---------|--|
26. In which category of professional associations did the ratio of graduate to non-graduate admissions in 1994 exceed 10:1?
- | | | | | |
|---------------------|--|------------------------|----------|-----------------|
| A Accountancy & Law | <input checked="" type="radio"/> B Engineering | C Science & Technology | D Others | E None of these |
|---------------------|--|------------------------|----------|-----------------|
27. At the start of which year did the coffee price index show the greatest percentage change, relative to the start of the previous year?
- | | | | | |
|--------|--------|--------|---|--------------|
| A 1996 | B 1997 | C 1998 | <input checked="" type="radio"/> D 1999 | E Cannot say |
|--------|--------|--------|---|--------------|

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28. If Daramola's car uses 25% less fuel than Ajani's, in which week was their combined petrol consumption the lowest?
- | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|------------|
| A | 1 | B | 2 | C | 3 | D | 4 | E | Cannot say |
|---|---|---|---|---|---|---|---|---|------------|
29. By approximately what percentage did Essien Chemicals' turnover increase during the period 1996 - 2000?
- | | | | | | | | | | |
|---|-----|---|-----|---|-----|---|-----|---|-----|
| A | 11% | B | 19% | C | 25% | D | 32% | E | 48% |
|---|-----|---|-----|---|-----|---|-----|---|-----|
30. How many ferries from the two French ports are due to arrive at Dover between 1.45pm and 4.00pm (Dover time)?
- | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| A | 0 | B | 1 | C | 2 | D | 4 | E | 6 |
|---|---|---|---|---|---|---|---|---|---|
31. Approximately what proportion of all new admissions to science & technology associations in 1994 were non-graduates?
- | | | | | | | | | | |
|---|-----|---|-----|---|-----|---|-----|---|-----|
| A | 60% | B | 55% | C | 25% | D | 40% | E | 33% |
|---|-----|---|-----|---|-----|---|-----|---|-----|
32. Over which two year period did Okori Farms' total output of Ground nuts equal that of Palm oil?
- | | | | | | | | | | |
|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|
| A | 1993 - 94 | B | 1994 - 95 | C | 1995 - 96 | D | 1996 - 97 | E | 1997 - 98 |
|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|
33. If Chiroma Insurance's sales reps each receive 32c per mile, how much more than Daramola should Ajani have received for week 1?
- | | | | | | | | | | |
|---|---------|---|---------|---|---------|---|---------|---|------------|
| A | \$44.80 | B | \$24.20 | C | \$64.60 | D | \$76.80 | E | Cannot say |
|---|---------|---|---------|---|---------|---|---------|---|------------|
34. Between which years did Essien Chemicals' pre-tax profit as a percentage of capital increase the most?
- | | | | | | | | | | |
|---|-----------|---|-----------|---|-----------|---|-------------|---|------------|
| A | 1996 - 97 | B | 1997 - 98 | C | 1998 - 99 | D | 1999 - 2000 | E | Cannot say |
|---|-----------|---|-----------|---|-----------|---|-------------|---|------------|
35. If I catch the latest ferry from either French port which is due to arrive in Dover by noon, how long before noon (Dover time) would I arrive?
- | | | | | | | | | | |
|---|------------|---|------------|---|------------|---|------------|---|------------|
| A | 15 minutes | B | 30 minutes | C | 60 minutes | D | 75 minutes | E | 90 minutes |
|---|------------|---|------------|---|------------|---|------------|---|------------|

STOP, END OF TEST

Mobil Producing Nigeria
Human Resources
Staffing and Development Group

ABSTRACT REASONING

ACR 04-1

Duration: 20 min

Last updated Feb 2006

THIS BOOK CONTAINS 6 PAGES

ABSTRACT CRITICAL REASONING (ACR 04-2)

INSTRUCTIONS

Each problem in this test consists of a series of diagrams, on the left of the page, which follow a logical sequence. You are to choose the next diagram in the series from the five options on the right and then indicate your answer by filling in the appropriate space on you answer sheet.

Now we will work through the examples given below, to ensure you know how the test works. Mark your answers in the section below.

EXAMPLES

1	A B C D E
2	A B C D E
3	A B C D E

Place your answers in this section

Question Number	A	B	C	D	E
1					
2					
3					

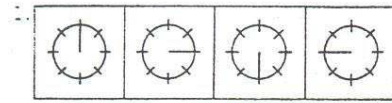
REMEMBER

- The test consists of 40 questions and you have 20 minutes in which to answer them.
- You will need to work quickly and accurately
- Fill in completely the appropriate square or circle on the answer sheet.
- Do not make any marks on this test book
- Always make sure that the number of the question corresponds with the number on the answer sheet
- Fully erase any answer you wish to change

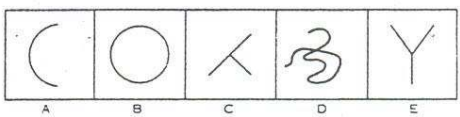
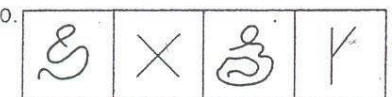
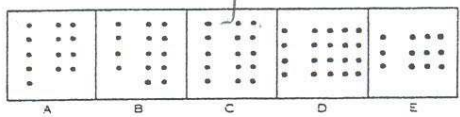
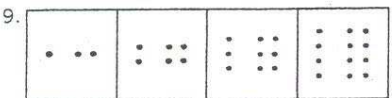
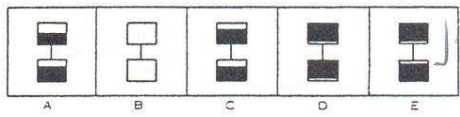
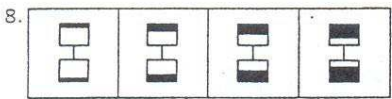
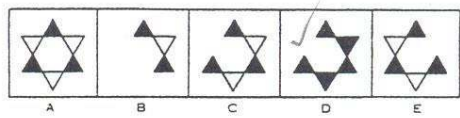
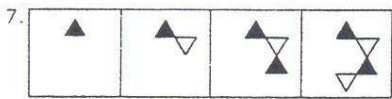
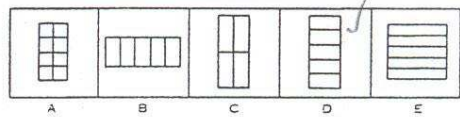
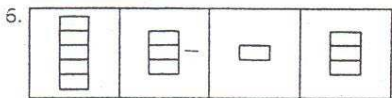
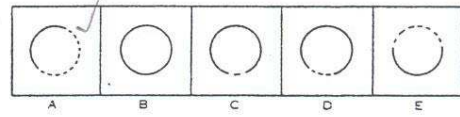
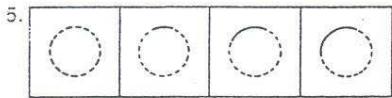
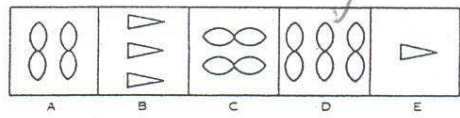
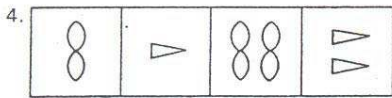
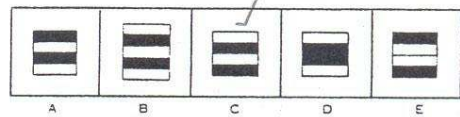
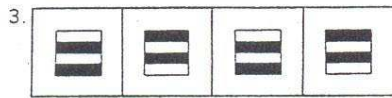
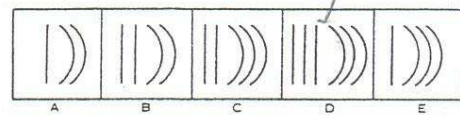
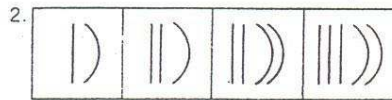
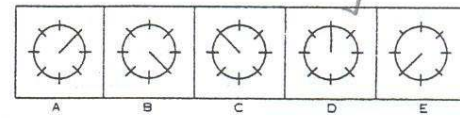
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ABSTRACT CRITICAL REASONING (ACR 04-2)

PROBLEM FIGURES



ANSWER FIGURES



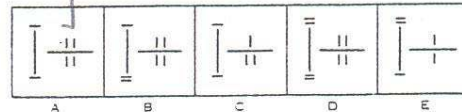
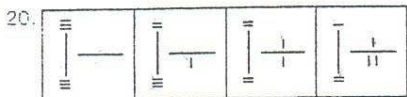
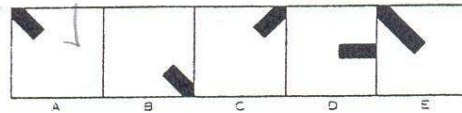
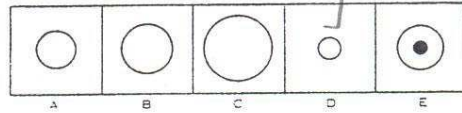
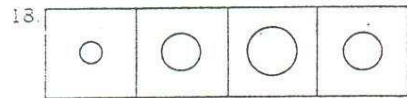
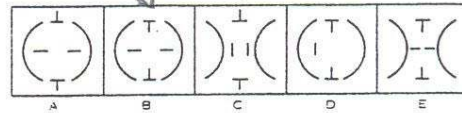
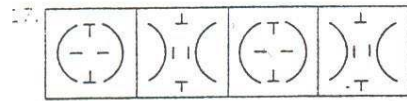
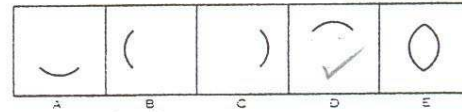
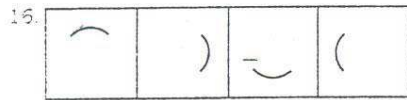
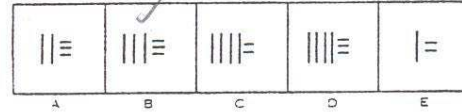
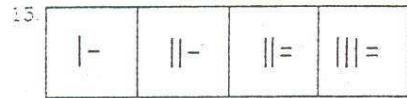
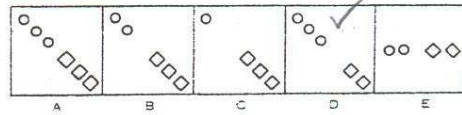
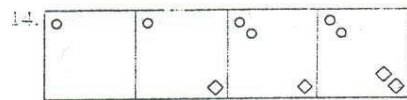
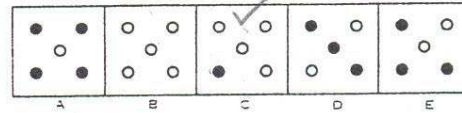
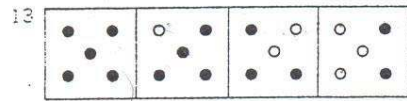
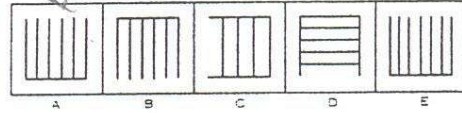
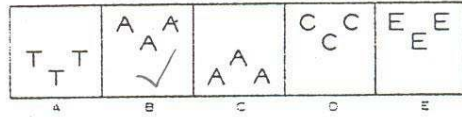
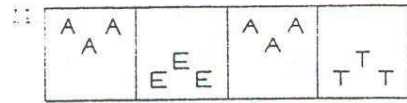
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Mobil Producing Nigeria (MPN)
Human Resources – Staffing and Development

ABSTRACT CRITICAL REASONING (ACR 04-2)

PROBLEM FIGURES

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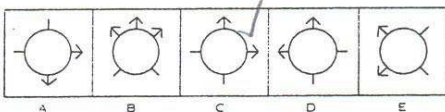
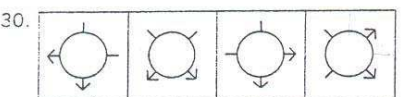
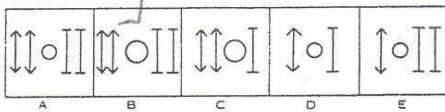
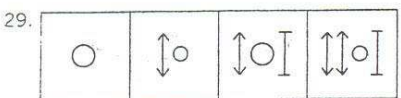
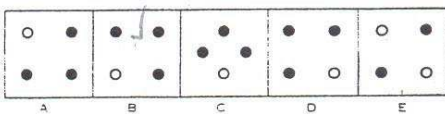
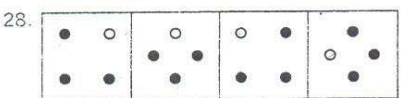
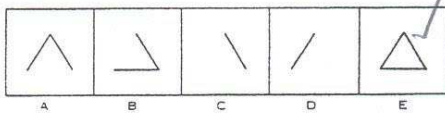
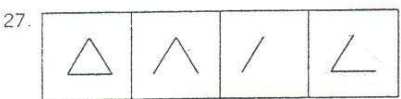
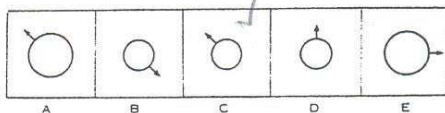
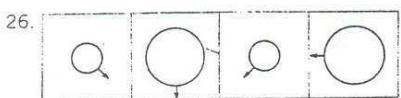
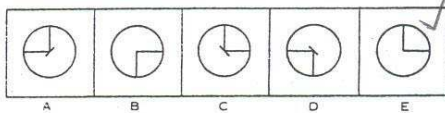
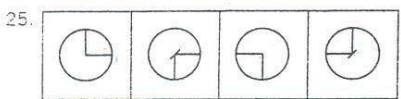
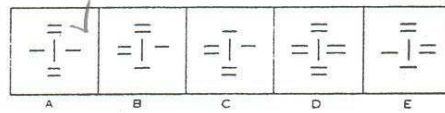
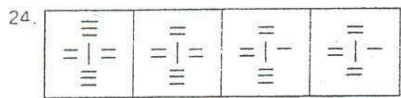
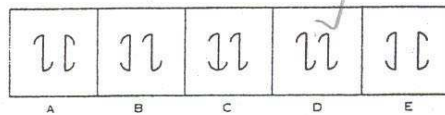
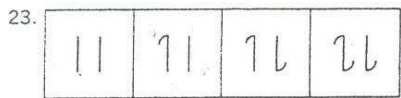
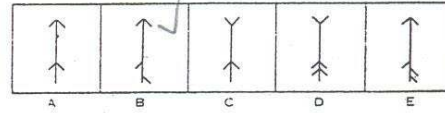
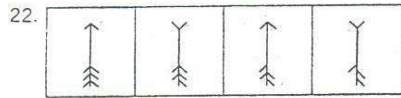
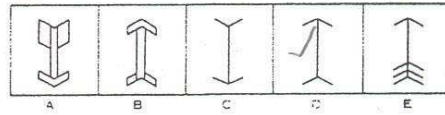
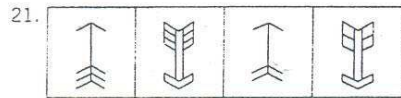


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ABSTRACT CRITICAL REASONING (ACR 04-2)

PROBLEM FIGURES

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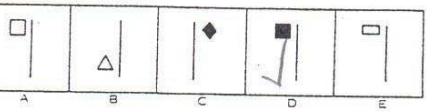
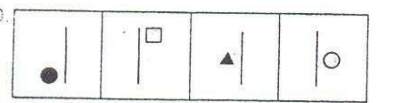
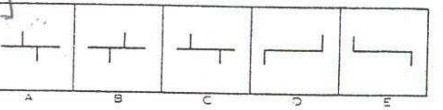
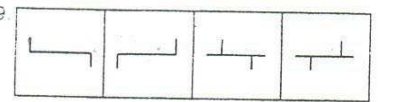
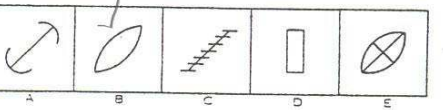
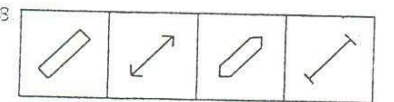
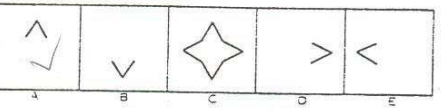
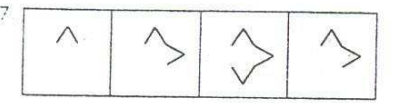
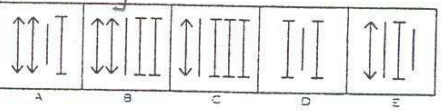
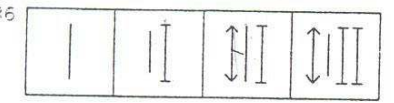
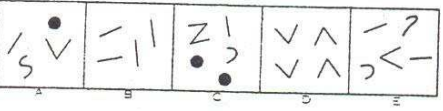
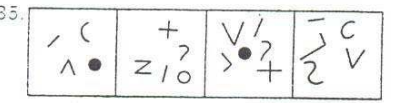
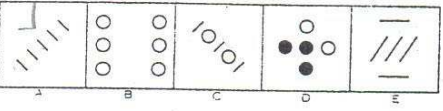
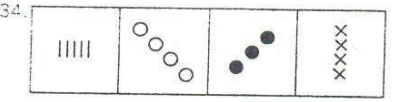
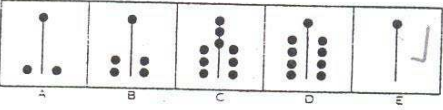
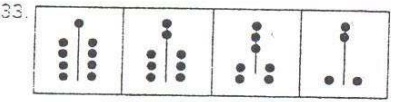
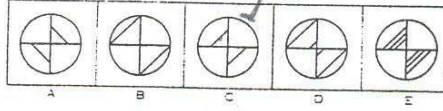
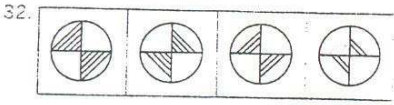
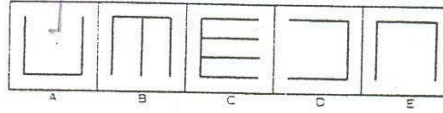
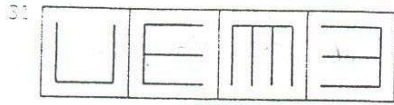


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ABSTRACT CRITICAL REASONING (ACR 04-2)

PROBLEM FIGURES

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END OF TEST – DO NOT GO ON