

**CANDIDATE NAME:** 

# **LISTENING: QUESTION AND ANSWER BOOKLET**

D.O.B.:	D M M Y Y Y Y PROFES	SION:
VENUE:	TEST DA	ATE:
Example:	Starting at the left, print your Candidate Number and fill in the corresponding circle below each number using a 2B pencil.  CANDIDATE NUMBER	CANDIDATE DECLARATION
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	XIMATELY 40 MINUTES	
	ONS TO CANDIDATES  nis question paper until you are told to do so.	
·	e granted for each correct answer.	
Answer <b>ALL</b> que	estions. Marks are <b>NOT</b> deducted for incorrect ans	swers.
At the end of the	e test, you will have two minutes to check your ans	swers.

# **HOW TO ANSWER THE QUESTIONS**

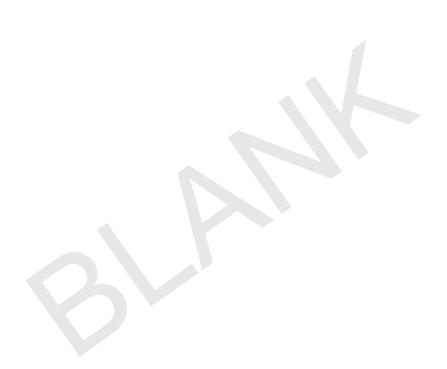
At the end of the test, hand in this Question and Answer Booklet.

You must not remove OET material from the test room.

Part A: Write your answers on this Question and Answer Booklet by filling in the blanks. Example: Patient: Ray Sands

Part B & Part C: Mark your answers on this Question and Answer Booklet by filling in the circle using a 2B pencil. Example: (A)





# **Occupational English Test**

# **Listening Test**

This test has three parts. In each part you'll hear a number of different extracts. At the start of each extract, you'll hear this sound: --beep--

You'll have time to read the questions before you hear each extract and you'll hear each extract **ONCE ONLY**. Complete your answers as you listen.

At the end of the test you'll have two minutes to check your answers.

#### Part A

In this part of the test, you'll hear two different extracts. In each extract, a health professional is talking to a patient.

For **questions 1-24**, complete the notes with information that you hear.

Now, look at the notes for extract one.

# **Extract 1: Questions 1-12**

You hear a gastroenterologist talking to a patient called Andrew Taylor. For **questions 1-12**, complete the notes with a word or short phrase that you hear.

You now have thirty seconds to look at the notes.

Patient	Andrew Taylor							
Background	• has had (1)	_ over long period						
	reports frequent (2)	in the last year						
	most recently (3)	has become a problem						
	word used to describe symptoms – (4)							
	pre-existing skin condition aggravated							
	frequent (5)     bowel condition	_ – patient didn't initially link these to						
Effects of condition	n on everyday life							
	• works as an (6)							
	situation at work means patient is (7)							
	complains of lack of (8)							
	has noticed an increase in insomnia							
Diet	claims to be consuming sufficient (9)							
	claims to keep hydrated							
	has experimented with excluding (10)	from diet						
	very slight reduction in caffeine intake							
	has undergone (11)  problematic	<ul><li>– no indications of anything</li></ul>						
Medication	has taken an anti-spasmodic – not very effective							
	• now trying (12)							

# Extract 2: Questions 13-24

You hear a hospital neurologist talking to a new patient called Kathy Tanner. For **questions 13-24**, complete the notes with a word or short phrase that you hear.

You now have thirty seconds to look at the notes.

Patient Kathy Tanner

Background to con	dition	
	experienced discomfort and a (13)     whilst driving	feeling in neck
	osteopathy exacerbated problem	
	• used (14)	to relieve symptoms in neck
Further developme	nts in condition and diagnosis	
	describes a pulling sensation (dragging her her	ead to the right)
	doctor recommended (15)	
	diagnosis of spasmodic torticollis (ST)	
	- condition described as (16)	
	- resulted in feelings of depression	
Tuesday and biodomic		
Treatment history (a) from home	some months of (17)	
	visited two neurologists without success	
	prescribed (18)	(anti-spasmodic)
	joined an ST support group	
	• bought (19)	to provide extra support
(b) from univers	sity hospital	
	treatment using (20)	injections
	- side effects included difficulties (21)	
	- reports treatment as increasingly ineffecti	ve
	supplemented by (22)	
	experienced confusion and (23)	
	analgesic relief: morphine self-administered v	ia
	(24)	

#### Part B

In this part of the test, you'll hear six different extracts. In each extract, you'll hear people talking in a different healthcare setting.

For **questions 25-30**, choose the answer (**A**, **B** or **C**) which fits best according to what you hear. You'll have time to read each question before you listen. Complete your answers as you listen.

read	each question before you listen. Complete your answers as you listen.
Now	ook at question 25.
	Fill the circle in completely. Example: ©
25.	You hear an optometrist talking to a patient who's trying contact lenses for the first time.
	What is the patient concerned about?
	A his blurred vision
	B soreness in his eyes
	c how to remove the lenses
26.	You hear a nurse asking a colleague for help with a patient.
	Why does the nurse need help?
	A The patient's condition has deteriorated.
	B The patient is worried about a procedure.
	© The patient is reporting increased pain levels.
27.	You hear a senior nurse talking about a new initiative that has been introduced on her ward.
	What problem was it intended to solve?
	A patients' confusion over information given by the doctor
	B relatives not being able to discuss issues with the doctor
	c patients not discussing all their concerns when meeting the doctor

	They agree to choose the method which will
	allow them to see the whole of the appendix.
	B probably give the most accurate results.
	© have the fewest risks for the patient.
29.	You hear part of a surgical team's briefing.
	The male surgeon suggests that the patient could
	require specialist equipment during surgery.
	B benefit from a specific anaesthetic procedure.
	© be at risk of complications from another health issue.
30.	You hear a senior research associate talking about a proposal to introduce inter-professional, primary healthcare teams.
	What hasn't been established about the teams yet?
	A the best way for collaboration to take place
	B the financial impact that they are likely to have
	c the aspects of medical care they are best suited to
That i	is the end of Part B. Now look at Part C.

You hear two radiologists talking about the type of scan to be given to a patient.

28.

#### Part C

In this part of the test, you'll hear two different extracts. In each extract, you'll hear health professionals talking about aspects of their work.

For **questions 31-42**, choose the answer (**A**, **B** or **C**) which fits best according to what you hear. Complete your answers as you listen.

Now look at extract one.

A B ole: ©

Fill the circle in completely. Example: ©

#### Extract 1: Questions 31-36

You hear a presentation by a specialist cancer nurse called Sandra Morton, who's talking about her work with prostate cancer patients, including a man called Harry.

You now have 90 seconds to read questions 31-36.

- 31. What does Sandra Morton see as the main aim in her work?
  - (A) to inform patients about the different treatments on offer
  - (B) to publicise the availability of tests for the condition
  - c to raise awareness of the symptoms of the illness
- **32.** When Harry was offered a routine health check at his local surgery, he initially
  - (A) resisted the idea due to his wife's experience.
  - (B) felt that he was too fit and well to be in need of it.
  - (c) only agreed to attend because his doctor advised him to.
- **33.** During Harry's investigations for prostate cancer at a hospital clinic, he
  - (A) felt part of the examination procedure was unpleasant.
  - (B) found it hard to cope with the wait for some results.
  - (c) was given false hope by a preliminary blood test.

	(A) He found himself reacting in a way he hadn't anticipated.
	B He was unconvinced by the prognosis he was given.
	© He immediately researched treatment options online.
35.	What typical patient response to the illness does Sandra mention?
	an unwillingness to commence appropriate medication
	B a failure to seek advice regarding different treatment options
	© a reluctance to talk about the embarrassing aspects of treatment
36.	Sandra believes that community follow-up clinics are important because they
	offer patients more personal aftercare.
	B are proven to be less traumatic for patients.
	c provide rapid treatment for patients developing new symptoms.
Now	look at extract two.
140M I	IOUN AL CALIACI IWO.

**34.** What was Harry's response to being diagnosed with prostate cancer?

# Extract 2: Questions 37-42

Value book a natural agist called Dr Fran	ak Madiaan airina a procentation	shout the everyon of painkillers
You hear a neurologist called Dr Fran	ik iviadison diving a presentation	i about the overuse of ballikillers.
	3 3 p	

You now have 90 seconds to read questions 37-42.

37.	In Dr Madison's experience, patients who become addicted to painkillers
	are more likely to move on to hard drugs.
	B come from a wide variety of backgrounds.
	© usually have existing psychological problems.
38.	Dr Madison thinks some GPs over-prescribe opioid painkillers because these
	A have a long-standing record of success.
	B enable them to deal with patients more quickly.
	c represent a relatively inexpensive form of treatment.
39.	Dr Madison regrets that management of acute pain
	(A) is often misunderstood by the general public.
	B receives inadequate attention in medical training.
	c fails to distinguish between different possible triggers.
40.	Dr Madison's main concern about painkillers being readily available is that
	A patients may build up a resistance to them.
	B they may be taken in dangerous amounts by patients.
	c they may interact adversely with patients' other medication.

41.	Dr Madison refers to the case of an osteoarthitic patient called Ann to highlight
	A the unsuitability of opioids for patients with particular conditions.
	B the effect on patients' working lives of dependence on painkillers.
	c the extreme fear patients may have of living without pain medication.

- **42.** Ann's GP initially failed to identify her dependence because
  - (A) she managed to conceal its physical effects from him.
  - (B) he was unaware that she had another source of drugs.
  - c he lacked experience in dealing with problems like hers.

That is the end of Part C.

You now have two minutes to check your answers.

THAT IS THE END OF THE LISTENING TEST



# **READING PART A:** TEXT BOOKLET

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2 5									By signing this, you agree not to disclose or use in any way (other than to take the test) or assist any other person to
0 0	0	0 (	0 0	0	0	0	0	0	disclose or use any OET test or sub-test content. If you cheat
1 1	1	1 (	1) (1	1	1	1	1	1	or assist in any cheating, use any unfair practice, break any of the rules or regulations, or ignore any advice or information, yo
2	2	2 (	2 2	2	2	2	2	2	may be disqualified and your results may not be issued at the sole discretion of CBLA. CBLA also reserves its right to take
3 3	(3)	(3)	3) (3		(3)	(3)	(3)	(3)	further disciplinary action against you and to pursue any other
4 4	(4)	(4) (	4) (4)		(4)	(4)	(4)	(4)	remedies permitted by law. If a candidate is suspected of and investigated for malpractice, their personal details and details or
5 <b>(</b> 6) <b>(</b> 6)	(5)	(5) (	(5) (5) (6) (6)		(5)	(5)	(5)	(5)	the investigation may be passed to a third party where required
7 7	7	7	7) (7	7	7	(7)	7	7	CANDIDATE SIGNATURE:
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# **INSTRUCTIONS TO CANDIDATES**

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### Text A

#### Paracetamol: contraindications and interactions

#### 4.4 Special warnings and precautions for use

Where analgesics are used long-term (>3 months) with administration every two days or more frequently, headache may develop or increase. Headache induced by overuse of analgesics (MOH medication-overuse headache) should not be treated by dose increase. In such cases, the use of analgesics should be discontinued in consultation with the doctor.

Care is advised in the administration of paracetamol to patients with alcohol dependency, severe renal or severe hepatic impairment. Other contraindications are: shock and acute inflammation of liver due to hepatitis C virus. The hazards of overdose are greater in those with non-cirrhotic alcoholic liver disease.

#### 4.5 Interaction with other medicinal products and other forms of interaction

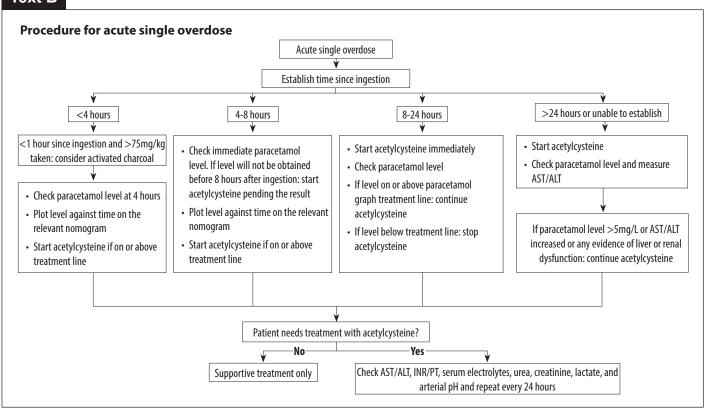
- Anticoagulants the effect of warfarin and other coumarins may be enhanced by prolonged regular use of paracetamol with increased risk of bleeding. Occasional doses have no significant effect.
- Metoclopramide may increase speed of absorption of paracetamol.
- Domperidone may increase speed of absorption of paracetamol.
- Colestyramine may reduce absorption if given within one hour of paracetamol.
- Imatinib restriction or avoidance of concomitant regular paracetamol use should be taken with imatinib.

A total of 169 drugs (1042 brand and generic names) are known to interact with paracetamol.

- 14 major drug interactions (e.g. amyl nitrite)
- 62 moderate drug interactions
- 93 minor drug interactions

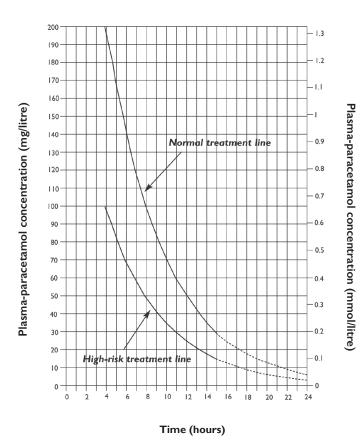
A total of 118 brand names are known to have paracetamol in their formulation, e.g. Lemsip.

#### Text B



## Text C

#### Paracetamol poisoning - Emergency treatment of poisoning



Patients whose plasma-paracetamol concentrations are above the **normal treatment line** should be treated with acetylcysteine by intravenous infusion (or, if acetylcysteine cannot be used, with methionine by mouth, provided the overdose has been taken **within 10-12 hours** and the patient is not vomiting).

Patients on enzyme-inducing drugs (e.g. carbamazepine, phenobarbital, phenytoin, primidone, rifampicin and St John's wort) or who are malnourished (e.g. in anorexia, in alcoholism, or those who are HIV positive) should be treated with acetylcysteine if their plasmaparacetamol concentration is above the high-risk treatment line.

# Text D

#### **Clinical Assessment**

- Commonly, patients who have taken a paracetamol overdose are asymptomatic for the first 24 hours or just have nausea and vomiting
- Hepatic necrosis (elevated transaminases, right upper quadrant pain and jaundice) begins to develop after 24 hours and can progress to acute liver failure (ALF)
- Patients may also develop:
  - Encephalopathy
- · Renal failure usually occurs around day three

Oliquria

- · Lactic acidosis
- Hypoglycaemia

#### History

- · Number of tablets, formulation, any concomitant tablets
- · Time of overdose
- Suicide risk was a note left?
- Any alcohol taken (acute alcohol ingestion will inhibit liver enzymes and may reduce the production of the toxin NAPQI, whereas chronic alcoholism may increase it)

# END OF PART A THIS TEXT BOOKLET WILL BE COLLECTED





# **READING PART A: QUESTION AND ANSWER BOOKLET**

D.O.B.:	PROFES	SSION:
VENUE:	TEST D	ATE:
Example:	Starting at the left, print your Candidate Number and fill in the corresponding circle below each number using a 2B pencil.	
	CANDIDATE NUMBER	CANDIDATE DECLARATION
2 5		By signing this, you agree not to disclose or use in any way (other than to take the test) or assist any other person to
0 0		disclose or use any OET test or sub-test content. If you cheat
1 1		or assist in any cheating, use any unfair practice, break any of the rules or regulations, or ignore any advice or information, you
2		may be disqualified and your results may not be issued at the
3 3	(3) (3) (3) (3) (3) (3) (3)	sole discretion of CBLA. CBLA also reserves its right to take further disciplinary action against you and to pursue any other
(4) (4)		remedies permitted by law. If a candidate is suspected of and
(5)	(5) (5) (5) (5) (5) (5) (5) (6) (6) (6) (6) (6) (6) (6) (6) (6) (6	investigated for malpractice, their personal details and details o the investigation may be passed to a third party where required
(6) (6) (7) (7)		CANDIDATE SIGNATURE:
8 8		CANDIDATE SIGNATURE.

#### **TIME: 15 MINUTES**

#### **INSTRUCTIONS TO CANDIDATES**

DO NOT open this Question and Answer Booklet or the Text Booklet until you are told to do so.

Write your answers in the spaces provided in this Question and Answer Booklet.

You must answer the questions within the 15-minute time limit.

One mark will be granted for each correct answer.

Answer **ALL** questions. Marks are **NOT** deducted for incorrect answers.

At the end of the 15 minutes, hand in this Question and Answer Booklet and the Text Booklet.

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#### Part A

TIME: 15 minutes

- Look at the four texts, **A-D**, in the separate **Text Booklet**.
- For each question, 1-20, look through the texts, A-D, to find the relevant information.
- Write your answers on the spaces provided in this **Question Paper**.
- Answer all the questions within the 15-minute time limit.
- Your answers should **only** be taken from texts **A-D** and must be correctly spelt.

#### Paracetamol overdose: Questions

#### Questions 1-7

For each question, 1-7, decide which text (A, B, C or D) the information comes from. Write the letter A, B, C or D in the space provided. You may use any letter more than once.

In which text can you find information about 1 the various symptoms of patients who have taken too much paracetamol? 2 the precise levels of paracetamol in the blood which require urgent intervention? 3 the steps to be taken when treating a paracetamol overdose patient? whether paracetamol overdose was intentional? 4 5 the number of products containing paracetamol? 6 what to do if there are no details available about the time of the overdose? 7 dealing with paracetamol overdose patients who have not received adequate nutrition? **Questions 8-13** 

Answer each of the questions, **8-13**, with a word or short phrase from one of the texts. Each answer may include words, numbers or both. You should **not** write full sentences.

8	If paracetamol is used as a long-term painkiller, what symptom may get worse?
9	It may be dangerous to administer paracetamol to a patient with which viral condition?
10	What condition may develop in an overdose patient who presents with jaundice?

11	What condition may develop on the third day after an overdose?
12	What drug can be administered orally within 10 - 12 hours as an alternative to acetylcysteine?
13	What treatment can be used if a single overdose has occurred less than an hour ago?
Qu	estions 14-20
	nplete each of the sentences, <b>14-20</b> , with a word or short phrase from one of the texts. Each answer may ude words, numbers or both.
14	If a patient has taken metoclopramide alongside paracetamol, this may affect the of the paracetamol.
15	After 24 hours, an overdose patient may present with pain in the
16	For the first 24 hours after overdosing, patients may only have such symptoms as
17	Acetylcysteine should be administered to patients with a paracetamol level above the high-risk treatment line who are taking any type of medication.
18	A non-high-risk patient should be treated for paracetamol poisoning if their paracetamol level is above  mg/litre 8 hours after overdosing.
19	A high-risk patient who overdosed hours ago should be given acetylcysteine if their paracetamol level is 25 mg/litre or higher.
20	If a patient does not require further acetylcysteine, they should be given treatment categorised as only.

END OF PART A
THIS QUESTION PAPER WILL BE COLLECTED



# **READING PARTS B&C: QUESTION AND ANSWER BOOKLET**

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6 6	6	6	(6)	6	6	6	6	6	6
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8 8	8	8	8	8	8	8	8	8	8
9 9	(9)	9	9	9	9	9	9	9	9

TIME: 45 MINUTES

# **INSTRUCTIONS TO CANDIDATES**

DO NOT open this Question and Answer Booklet until you are told to do so.

One mark will be granted for each correct answer.

Answer **ALL** questions. Marks are **NOT** deducted for incorrect answers.

At the end of the test, hand in this Question and Answer Booklet.

**DO NOT** remove OET material from the test room.

#### **HOW TO ANSWER THE QUESTIONS**

Mark your answers on this Question and Answer Booklet by filling in the circle using a 2B pencil. Example: (A)



(C)

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#### Part B

In this part of the test, there are six short extracts relating to the work of health professionals. For **questions 1-6**, choose the answer (**A**, **B** or **C**) which you think fits best according to the text.

Fill the circle in completely. Example: ©

- 1. This guideline extract says that the nurse in charge
  - (A) must supervise the opening of the controlled drug cupboard.
  - (B) should make sure that all ward cupboard keys are kept together.
  - can delegate responsibility for the cupboard keys to another ward.

#### **Medicine Cupboard Keys**

The keys for the controlled drug cupboard are the responsibility of the nurse in charge. They may be passed to a registered nurse in order for them to carry out their duties and returned to the nurse in charge. If the keys for the controlled drug cupboard go missing, the locks must be changed and pharmacy informed and an incident form completed. The controlled drug cupboard keys should be kept separately from the main body of keys. Apart from in exceptional circumstances, the keys should not leave the ward or department. If necessary, the nurse in charge should arrange for the keys to be held in a neighbouring ward or department by the nurse in charge there.

- 2. When seeking consent for a post-mortem examination, it is necessary to
  - A give a valid reason for conducting it.
  - (B) allow all relatives the opportunity to decline it.
  - only raise the subject after death has occurred.

#### **Post-Mortem Consent**

A senior member of the clinical team, preferably the Consultant in charge of the care, should raise the possibility of a post-mortem examination with the most appropriate person to give consent. The person consenting will need an explanation of the reasons for the post-mortem examination and what it hopes to achieve. The first approach should be made as soon as it is apparent that a post-mortem examination may be desirable, as there is no need to wait until the patient has died. Many relatives are more prepared for the consenting procedure if they have had time to think about it beforehand.

- 3. The purpose of these notes about an incinerator is to
  - (A) help maximise its efficiency.
  - (B) give guidance on certain safety procedures.
  - (c) recommend a procedure for waste separation.

#### Low-cost incinerator: General operating notes

## 3.2.1 Hospital waste management

Materials with high fuel values such as plastics, paper, card and dry textile will help maintain high incineration temperature. If possible, a good mix of waste materials should be added with each batch. This can best be achieved by having the various types of waste material loaded into separate bags at source, i.e. wards and laboratories, and clearly labelled. It is not recommended that the operator sorts and mixes waste prior to incineration as this is potentially hazardous. If possible, some plastic materials should be added with each batch of waste as this burns at high temperatures. However, care and judgement will be needed, as too much plastic will create dense dark smoke.

- **4.** What does this manual tell us about spacer devices?
  - (A) Patients should try out a number of devices with their inhaler.
  - B) They enable a patient to receive more of the prescribed medicine.
  - © Children should be given spacers which are smaller than those for adults.

#### Manual extract: Spacer devices for asthma patients

Spacer devices remove the need for co-ordination between actuation of a pressurized metered-dose inhaler and inhalation. In addition, the device allows more time for evaporation of the propellant so that a larger proportion of the particles can be inhaled and deposited in the lungs. Spacer devices are particularly useful for patients with poor inhalation technique, for children, for patients requiring higher doses, for nocturnal asthma, and for patients prone to candidiasis with inhaled corticosteroids. The size of the spacer is important, the larger spacers with a one-way valve being most effective. It is important to prescribe a spacer device that is compatible with the metered-dose inhaler. Spacer devices should not be regarded as interchangeable; patients should be advised not to switch between spacer devices.

#### 5. The email is reminding staff that the

- (A) benefits to patients of using bedrails can outweigh the dangers.
- (B) number of bedrail-related accidents has reached unacceptable levels.
- patient's condition should be central to any decision about the use of bedrails.

To:

All Staff

Subject:

Use of bed rails

Please note the following.

Patients in hospital may be at risk of falling from bed for many reasons including poor mobility, dementia or delirium, visual impairment, and the effects of treatment or medication. Bedrails can be used as safety devices intended to reduce risk.

However, bedrails aren't appropriate for all patients, and their use involves risks. National data suggests around 1,250 patients injure themselves on bedrails annually, usually scrapes and bruises to their lower legs. Statistics show 44,000 reports of patient falls from bed annually resulting in 11 deaths, while deaths due to bedrail entrapment occur less than one every two years, and are avoidable if the relevant advice is followed. Staff should continue to take great care to avoid bedrail entrapment, but be aware that in hospital settings there may be a greater risk of harm to patients who fall out of bed.

- **6.** What does this extract from a handbook tell us about analeptic drugs?
  - (A) They may be useful for patients who are not fully responsive.
  - (B) Injections of these drugs will limit the need for physiotherapy.
  - © Care should be taken if they are used over an extended period.

### **Analeptic drugs**

Respiratory stimulants (analeptic drugs) have a limited place in the treatment of ventilatory failure in patients with chronic obstructive pulmonary disease. They are effective only when given by intravenous injection or infusion and have a short duration of action. Their use has largely been replaced by ventilatory support. However, occasionally when ventilatory support is contra-indicated and in patients with hypercapnic respiratory failure who are becoming drowsy or comatose, respiratory stimulants in the short term may arouse patients sufficiently to co-operate and clear their secretions.

Respiratory stimulants can also be harmful in respiratory failure since they stimulate non-respiratory as well as respiratory muscles. They should only be given under expert supervision in hospital and must be combined with active physiotherapy. At present, there is no oral respiratory stimulant available for long-term use in chronic respiratory failure.

In this part of the test, there are two texts about different aspects of healthcare. For questions 7-22, choose (A) (B) (C) (C) (Fill the circle in completely. Example: (D) the answer (A, B, C or D) which you think fits best according to the text.



#### Text 1: Patient Safety

#### Highlighting a collaborative initiative to improve patient safety

In a well-documented case in November 2004, a female patient called Mary was admitted to a hospital in Seattle, USA, to receive treatment for a brain aneurysm. What followed was a tragedy, made worse by the fact that it needn't have occurred at all. The patient was mistakenly injected with the antiseptic chlorhexidine. It happened, the hospital says, because of 'confusion over the three identical stainless steel bowls in the procedure room containing clear liquids — chlorhexidine, contrast dye and saline solution'. Doctors tried amputating one of Mary's legs to save her life, but the damage to her organs was too great: she died 19 days later.

This and similar incidents are what inspired Professor Dixon-Woods of the University of Cambridge, UK, to set out on a mission: to improve patient safety. It is, she admits, going to be a challenge. Many different policies and approaches have been tried to date, but few with widespread success, and often with unintended consequences. Financial incentives are widely used, but recent evidence suggests that they have little effect. 'There's a danger that they tend to encourage effort substitution,' explains Dixon-Woods. In other words, people concentrate on the areas that are being incentivised, but neglect other areas. 'It's not even necessarily conscious neglect. People have only a limited amount of time, so it's inevitable they focus on areas that are measured and rewarded.'

In 2013, Dixon-Woods and colleagues published a study evaluating the use of surgical checklists introduced in hospitals to reduce complications and deaths during surgery. Her research found that that checklists may have little impact, and in some situations might even make things worse. 'The checklists sometimes introduced new risks. Nurses would use the lists as box-ticking exercises - they would tick the box to say the patient had had their antibiotics when there were no antibiotics in the hospital, for example.' They also reinforced the hierarchies - nurses had to try to get surgeons to do certain tasks, but the surgeons used the situation as an opportunity to display their power and refuse.

Dixon-Woods and her team spend time in hospitals to try to understand which systems are in place and how they are used. Not only does she find differences in approaches between hospitals, but also between units and even between shifts. 'Standardisation and harmonisation are two of the most urgent issues we have to tackle. Imagine if you have to learn each new system wherever you go or even whenever a new senior doctor is on the ward. This introduces massive risk.'

Dixon-Woods compares the issue of patient safety to that of climate change, in the sense that it is a 'problem of many hands', with many actors, each making a contribution towards the outcome, and there is difficulty in identifying where the responsibility for solving the problem lies. 'Many patient safety issues arise at the level of the system as a whole, but policies treat patient safety as an issue for each individual organisation.'

Nowhere is this more apparent than the issue of 'alarm fatigue', according to Dixon-Woods. Each bed in an intensive care unit typically generates 160 alarms per day, caused by machinery that is not integrated. 'You have to assemble all the kit around an intensive care bed manually,' she explains. 'It doesn't come built as one like an aircraft cockpit. This is not something a hospital can solve alone. It needs to be solved at the sector level.'

Dixon-Woods has turned to Professor Clarkson in Cambridge's Engineering Design Centre to help. 'Fundamentally, my work is about asking how we can make it better and what could possibly go wrong,' explains Clarkson. 'We need to look through the eyes of the healthcare providers to see the challenges and to understand where tools and techniques we use in engineering may be of value.' There is a difficulty, he concedes: 'There's no formal language of design in healthcare. Do we understand what the need is? Do we understand what the requirements are? Can we think of a range of concepts we might use and then design a solution and test it before we put it in place? We seldom see this in healthcare, and that's partly driven by culture and lack of training, but partly by lack of time.' Dixon-Woods agrees that healthcare can learn much from engineers. 'There has to be a way of getting our two sides talking,' she says. 'Only then will we be able to prevent tragedies like the death of Mary.'

# Text 1: Questions 7-14

7.	What point is	made about the death of a female patient called Mary?
	(A) It was er	ntirely preventable.
	B Nobody	was willing to accept the blame.
	© Surgeon	s should have tried harder to save her life.
	D It is the	type of incident which is becoming increasingly common.
8.	What is mear	nt by the phrase ' <u>effort substitution</u> ' in the second paragraph?
	A Monetar	y resources are diverted unnecessarily.
	B Time and	d energy is wasted on irrelevant matters.
	© Staff foc	us their attention on a limited number of issues.
	D People h	nave to take on tasks which they are unfamiliar with.
9.	By guoting D	ixon-Woods in the second paragraph, the writer shows that the professor
•	by quoting b	ixon vicede in the eccenta paragraphi, the whiter enews that the professor
	(A) understa	ands why healthcare employees have to make certain choices.
	B doubts v	whether reward schemes are likely to put patients at risk.
	© believes	staff should be paid a bonus for achieving goals.
	D feels the	people in question have made poor choices.
10.	What noint is	made about checklists in the third paragraph?
10.	vviiat point is	made about oncomists in the third paragraph.
	(A) Hospital	staff sometimes forget to complete them.
	B Nurses a	and surgeons are both reluctant to deal with them.
	© They are	e an additional burden for over-worked nursing staff.
	D The info	rmation recorded on them does not always reflect reality.

11.	What problem is mentioned in the fourth paragraph?
	(A) failure to act promptly
	B outdated procedures
	© poor communication
	D lack of consistency
12.	What point about patient safety is the writer making by quoting Dixon-Woods' comparison with climate change?
	A The problem will worsen if it isn't dealt with soon.
	B It isn't clear who ought to be tackling the situation.
	© It is hard to know what the best course of action is.
	Many people refuse to acknowledge there is a problem.
13.	The writer quotes Dixon-Woods' reference to intensive care beds in order to
	(A) present an alternative viewpoint.
	B) illustrate a fundamental obstacle.
	show the drawbacks of seemingly simple solutions.
	give a detailed example of how to deal with an issue.
14.	What difference between healthcare and engineering is mentioned in the final paragraph?
	(A) the types of systems they use
	B the way they exploit technology
	© the nature of the difficulties they face
	the approach they take to deal with challenges

#### Text 2: Migraine – more than just a headache

When a news reporter in the US gave an unintelligible live TV commentary of an awards ceremony, she became an overnight internet sensation. As the paramedics attended, the worry was that she'd suffered a stroke live on air. Others wondered if she was drunk or on drugs. However, in interviews shortly after, she revealed, to general astonishment, that she'd simply been starting a migraine. The bizarre speech difficulties she experienced are an uncommon symptom of aura, the collective name for a range of neurological symptoms that may occur just before a migraine headache. Generally aura are visual – for example blind spots which increase in size, or have a flashing, zig-zagging or sparkling margin, but they can include other odd disturbances such as pins and needles, memory changes and even partial paralysis.

Migraine is often thought of as an occasional severe headache, but surely symptoms such as these should tell us there's more to it than meets the eye. In fact many scientists now consider it a serious neurological disorder.

One area of research into migraine aura has looked at the phenomenon known as Cortical Spreading Depression (CSD) – a storm of neural activity that passes in a wave across the brain's surface. First seen in 1944 in the brain of a rabbit, it's now known that CSD can be triggered when the normal flow of electric currents within and around brain cells is somehow reversed. Nouchine Hadjikhani and her team at Harvard Medical School managed to record an episode of CSD in a brain scanner during migraine aura (in a visual region that responds to flickering motion), having found a patient who had the rare ability to be able to predict when an aura would occur. This confirmed a long-suspected link between CSD and the aura that often precedes migraine pain. Hadjikhani admits, however, that other work she has done suggests that CSD may occur all over the brain, often unnoticed, and may even happen in healthy brains. If so, aura may be the result of a person's brain being more sensitive to CSD than it should be.

Hadjikhani has also been looking at the structural and functional differences in the brains of migraine sufferers. She and her team found thickening of a region known as the somatosensory cortex, which maps our sense of touch in different parts of the body. They found the most significant changes in the region that relates to the head and face. 'Because sufferers return to normal following an attack, migraine has always been considered an episodic problem,' says Hadjikhani. 'But we found that if you have successive strikes of pain in the face area, it actually increases cortical thickness.'

Work with children is also providing some startling insights. A study by migraine expert Peter Goadsby, who splits his time between King's College London and the University of California, San Francisco, looked at the prevalence of migraine in mothers of babies with colic - the uncontrolled crying and fussiness often blamed on sensitive stomachs or reflux. He found that of 154 mothers whose babies were having a routine two-month check-up, the migraine sufferers were 2.6 times as likely to have a baby with colic. Goadsby believes it is possible that a baby with a tendency to migraine may not cope well with the barrage of sensory information they experience as their nervous system starts to mature, and the distress response could be what we call colic.

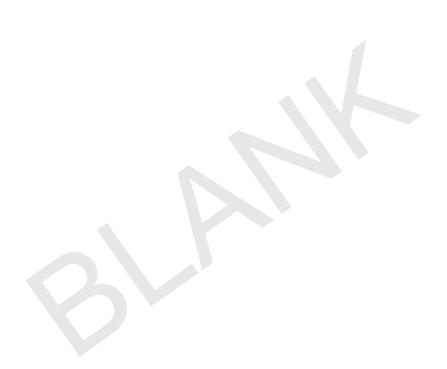
Linked to this idea, researchers are finding differences in the brain function of migraine sufferers, even between attacks. Marla Mickleborough, a vision specialist at the University of Saskatchewan in Saskatoon, Canada, found heightened sensitivity to visual stimuli in the supposedly 'normal' period between attacks. Usually the brain comes to recognise something repeating over and over again as unimportant and stops noticing it, but in people with migraine, the response doesn't diminish over time. 'They seem to be attending to things they should be ignoring,' she says.

Taken together this research is worrying and suggests that it's time for doctors to treat the condition more aggressively, and to find out more about each individual's triggers so as to stop attacks from happening. But there is a **silver lining**. The structural changes should not be likened to dementia, Alzheimer's disease or ageing, where brain tissue is lost or damaged irreparably. In migraine, the brain is compensating. Even if there's a genetic predisposition, research suggests it is the disease itself that is driving networks to an altered state. That would suggest that treatments that reduce the frequency or severity of migraine will probably be able to reverse some of the structural changes too. Treatments used to be all about reducing the immediate pain, but now it seems they might be able to achieve a great deal more.

# Text 2: Questions 15-22

15.	Why does the writer tell the story of the news reporter?
	to explain the causes of migraine aura
	B to address the fear surrounding migraine aura
	© to illustrate the strange nature of migraine aura
	to clarify a misunderstanding about migraine aura
16.	The research by Nouchine Hadjikhani into CSD
	A has less relevance than many believe.
	B did not result in a definitive conclusion.
	© was complicated by technical difficulties.
	overturned years of accepted knowledge.
17.	What does the word 'This' in the second paragraph refer to?
	A the theory that connects CSD and aura
	B the part of the brain where auras take place
	© the simultaneous occurrence of CSD and aura
	the ability to predict when an aura would happen
18.	The implication of Hadjikhani's research into the somatosensory cortex is that
	A migraine could cause a structural change.
	B a lasting treatment for migraine is possible.
	© some diagnoses of migraine may be wrong.
	Some diagnoses of migraine may be wrong.
	having one migraine is likely to lead to more.

19.	What does the writer find surprising about Goadsby's research?
	(A) the idea that migraine may not run in families
	B the fact that migraine is evident in infanthood
	© the link between childbirth and onset of migraine
	the suggestion that infant colic may be linked to migraine
20.	According to Marla Mickleborough, what is unusual about the brain of migraine sufferers?
	A It fails to filter out irrelevant details.
	B It struggles to interpret visual input.
	© It is slow to respond to sudden changes.
	It does not pick up on important information.
21.	The writer uses the phrase 'a silver lining' in the final paragraph to emphasise
	A the privileged position of some sufferers.
	B a more positive aspect of the research.
	the way migraine affects older people.
	the value of publicising the research.
22.	What does the writer suggest about the brain changes seen in migraine sufferers?
	A Some of them may be beneficial.
	B They are unlikely to be permanent.
	© Some of them make treatment unnecessary.
	D They should still be seen as a cause for concern.





# WRITING: QUESTION BOOKLET

D.O.B.:	PROFESSION:
VENUE:	TEST DATE:
Example:	Starting at the left, print your Candidate Number and fill in the corresponding circle below each number using a 2B pencil.
	CANDIDATE NUMBER CANDIDATE DECLARATION
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# **INSTRUCTIONS TO CANDIDATES**

You must write your answer for the Writing sub-test in the Writing Answer Booklet.

You must **NOT** remove OET material from the test room.

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#### **Occupational English Test**

WRITING SUB-TEST: RADIOGRAPHY

TIME ALLOWED: READING TIME: 5 MINUTES

WRITING TIME: 40 MINUTES

# Notes:

#### Assume that today's date is 10 February 2019.

You are the chief radiographer in a city hospital. The Director of Radiology has asked you to write a response to the following memo, using the information on the documents below.

#### **MEMO**

TO: Dr Fred Quirk, Director of Radiology FROM: Dr Ian Page, Director of Intensive Care

DATE: 07 February 2019
SUBJECT: Response delay for ICU

Dear Fred,

Dr Fred Quirk, Director of Radiology Dr Ian Page, Director of Intensive Care 07 February 2019 Response delay for ICU

I have been made aware of a delay in getting an urgent chest X-ray in I.C.U. last Saturday.

The patient, Mr Rouse, was to have a post central line insertion chest X-ray, as there was some question as to whether the patient had a pneumothorax. The patient had to wait for over 50 minutes for the X-ray and I believe this to be an unacceptable time delay for intensive care dependent patients. Could you please look into this as I would be concerned if such delays continued to occur.

Regards,

Ian Page

## 1. RADIOGRAPHY DEPT PATIENT LOG: Saturday, 01 Feb 2019 (extracts)

Radiographers on duty: Steve Jones, Kate Brown (sick, not replaced)

Time	Referral Location	Pt. Name	Exam	Comments
12.05	ED	SIMON	CXR	?SOB
12.15	WD 4	LEE	CXR	PAIN
12.25	ED	KOSKO	AXR	RENAL
12.40	ICU BAY 3	RAMSON	CXR	TUBE REM.
1.00	WD 7	HIGGINS	R.HIP	POST OP
1.15	ED	JONES	SKULL	LOC
1.25	ICU BAY 6	AHMED	CXR	R.CRACKLES
1.35	ED	LAMB	CXR	PNEUMONIA
1.45	ED	SMYTH	L.KNEE	TWISTED
2.30	THEATRE	ALLAN	GAMP	R.WRIST
2.40	ICU BAY 7	ROUSE	CXR	POST C.V.C
2.55	ED	JOHNSTON	R. FOOT	?GOUT
3.05	WD 9	WU	CXR	POST OP

#### 2. RADIOGRAPHY DEPT PHONE/MESSAGES LOG: Saturday, 01 Feb 2019 (extracts)

TIME	MESSAGE
11.30	CXR for Pt Lee on Wd 4
12.00	Send films for Pt Brown to ED
12.10	Dr Smith will be on pager from now on
12.35	CXR in ICU Bay 3, Pt Ramson
12.50	G.A.M.P. in theatre at approx. 1.45pm
Pager (12.50)	CXR for Pt on Wd 9
1.10	Films needed in theatre for Pt Higgins
1.20	CXR in ICU Bay 6, Pt Ahmed
1.40	Theatre ready in 5 minutes for G.A.M.P.
1.42	CXR in ICU Bay 7, Pt Rouse
	Told have to go to theatre – will go ASAP to do CXR Pager (2.00) ED – need to contact Dr on call
Pager (2.10)	ICU – Bay 7 still waiting, how long? – Delayed in theatre, will be there ASAP Pager (2.25) ED – need to do a C.T. later this evening
2.45	ICU – is film on Bay 7 ready? – Already sent
3.00	Dr Smith – What time for C.T.?
3.15	Brian (Dr on call) will be in 10 minutes late

#### 3. DEPARTMENTAL POLICY DOCUMENT

#### DEPARTMENT OF RADIOLOGY

#### Policy on the Recall of Radiographic Staff

- 1) Calling in on-call Radiographer staff is the responsibility of the radiographer on duty only. It is the decision of the radiographer on duty as to whether additional staff is required.
- 2) Replacing staff absent through illness is not, in itself, considered grounds for calling in on-call staff.
- 3) On-call staff are to be given 45 minutes' warning prior to the time they are required in the hospital.

# Writing Task:

Using the information given above, write a letter responding to Dr Page's memo. Address the letter to: Dr Ian Page, Director, Intensive Care.

#### In your answer:

- Expand the relevant notes into complete sentences
- Do not use note form
- Use letter format

The body of the letter should be approximately 180-200 words.

Any answers recorded here will not be marked.





# **WRITING:** ANSWER BOOKLET

CANDIDAT	E NAME:	
D.O.B.:		PROFESSION:
VENUE:	1	TEST DATE:
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3 3	3 3 3 3 3 3 3	sole discretion of CBLA. CBLA also reserves its right to take
4 4	4 4 4 4 4 4 4	further disciplinary action against you and to pursue any other remedies permitted by law. If a candidate is suspected of and
5	5 5 5 5 5 5	investigated for malpractice, their personal details and details o
6 6	6 6 6 6 6 6 6	the investigation may be passed to a third party where required
7 7		CANDIDATE SIGNATURE:
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TIME ALLOWED

**READING TIME: 5 MINUTES** WRITING TIME: 40 MINUTES

## **INSTRUCTIONS TO CANDIDATES**

1. Reading time: 5 minutes

During this time you may study the writing task and notes. You MUST NOT write, highlight, underline or make any notes.

- 2. Writing time: 40 minutes
- 3. Use the back page for notes and rough draft only. Notes and rough draft will NOT be marked.

Please write your answer clearly on page 1 and page 2.

Cross out anything you **DO NOT** want the examiner to consider.

- 4. You must write your answer for the Writing sub-test in this Answer Booklet using pen or pencil.
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# Please record your answer on this page within the lines provided.

(Only answers on Page 2 and Page 3 within the lines provided will be marked.)

# Please record your answer on this page within the lines provided.

(Only answers on Page 2 and Page 3 within the lines provided will be marked.)

Space for notes and rough draft. Only your answers on Page 2 and Page 3 will be marked.



Roleplay No. 1/2

# **SPEAKING:** ROLE-PLAY BOOKLET

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	CANDIDATE NUMBER	CANDIDATE DECLARATION
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## **OET** SAMPLE TEST

# **ROLEPLAYER CARD NO. 2**

# **RADIOGRAPHY**

SETTING

Dental Hospital

**PATIENT** 

You are 40 years old and have been getting tooth and jaw pain. You have been referred for an OPG (orthopantomogram) to check for impacted molar teeth.

**TASK** 

- When asked, say you've never had an OPG (orthopantomogram) before, so you're feeling quite nervous.
- When asked, say you're nervous because you don't really know what to expect during the procedure.
- Say you're also worried about the amount of radiation there might be.
- When asked, say you'd like to know if you'll get the results straightaway.
- Say you feel a bit better about the procedure now; you're ready to begin the OPG.

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SAMPLE TEST

## **OET SAMPLE TEST**

# **CANDIDATE CARD NO. 2**

# **RADIOGRAPHY**

SETTING

Dental Hospital

**RADIOGRAPHER** 

Your patient is 40 years old and has been getting tooth and jaw pain. He/she has been referred for an OPG (orthopantomogram) to check for impacted molar teeth.

**TASK** 

- Confirm reason for patient's appointment (OPG/orthopantomogram). Explore patient's knowledge/experience of OPGs.
- Find out specific reasons for patient's nervousness (procedure, results, etc.).
- Give information about OPG (type of X-ray: panoramic view of lower face, clear images of unerupted wisdom teeth, etc.). Outline procedure (e.g., patient standing up, placing chin on chin rest, biting on covered mouthpiece, keeping head still, radiographer checking image clarity, duration: five minutes, etc.).
- Reassure patient about risk of radiation (e.g., small amount, short exposure time, etc.). Find out any other questions/concerns.
- Give details of results process (e.g., images analysed by radiologist, report sent to dentist, follow-up appointment with dentist to discuss, etc.). Establish patient's consent to begin OPG.

SAMPLE TEST