

CB 10 A GT

Section 1

Questions 1-14

You should spend about 20 minutes on Questions 1-14, which are based on Reading Passages below.

Read the text below and answer Questions 1-7.

Smoke alarms in the home

Smoke alarms are now a standard feature in Australian homes and are required by the National Building Code in any recently built properties. They are installed to detect the presence of smoke and emit a clear sound to alert you in the event of fire to give you time to escape. GT Reading Passage - Smoke alarms in the home

There are two principal types of smoke alarms. Ionization alarms are the cheapest and most readily available smoke alarms. They are also very sensitive to 'flaming fires' - fires that burn fiercely - and will detect them before the smoke gets too thick. However, photoelectric alarms are more effective at detecting slow-burning fires. They are less likely to go off accidentally and so are best for homes with one floor. For the best protection, you should install one of each.

Most battery-powered smoke alarms can be installed by the home owner and do not require professional installation. For the installation of hard-wired smoke alarms, powered from the mains electricity supply, however, you will need the services of a licensed professional. Smoke alarms are usually most effective when located on the ceiling, near or in the middle of the room or hall.

Photoelectric smoke alarms in any quantity may be disposed of in domestic waste. If you have fewer than ten ionization alarms to get rid of, you may put them in your domestic waste. If you have more than ten to dispose of, you should contact your local council.

Your battery-powered smoke alarm will produce a short beep every 60 second to alert you when the battery is running out and needs replacing. Nevertheless, it should be tested every month to ensure that the battery and the alarm sounder are working. Note that the sensitivity in all smoke alarms will reduce over time.

Questions 1-7

Do the following statements agree with the information given in Reading Passage? In boxes 1-7 on your answer sheet, write

TRUE if the statement agrees with the information

FALSE if the statement contradicts the information

NOT GIVEN if there is no information on this

1. All new houses in Australia must have smoke alarms.
2. Photoelectric smoke alarms cost less than ionization smoke alarms.
3. It takes a short time to fit most smoke alarms.
4. Any hard-wired smoke alarm must be fitted by a specialist technician.
5. You should get in touch with your local council before placing any ionisation smoke alarms in household rubbish.
6. Smoke alarms give a warning sound to indicate that battery power is low.
7. Old smoke alarms need to be checked more than once a month.

Read the text below and answer Questions 8-14.

Sydney Opera House Tours

We offer three different tours of this iconic building.

A. The Essential Tour brings to life the story behind the design and construction of one of the world's most famous landmarks. Using interactive audio-visual technology, your guide will take you on a memorable journey inside the youngest building ever to be World Heritage listed.

B. Afterwards, why not stay around and eat at the Studio Café, with its modern Australian menu? Not only can you enjoy the best views in Sydney, you can claim a 20% reduction on the total cost of your meal. (Don't forget to show your ticket in order to claim your discount.)

C. Languages: English, French, German

Takes place: Daily between 9 am and 5 pm

Prices: Adults \$35 / Online \$29.75

Concessions: Australian seniors and pensioners; students and children of 16 and under \$24.50.

Prior bookings are not essential.

D. The Backstage Tour gives you backstage access to the Sydney Opera House. It is a unique opportunity to experience the real-life dramas behind the stage! You might even get to stand on the concert hall stage, take up a conductor's baton in the orchestra pit and imagine you are leading the performance. You will also get to see inside the stars' dressing rooms. The tour concludes with a complimentary breakfast in the Green Room, the private dining area of performers past and present.

E. Takes place: Daily at 7 am

Prices: \$155. No concessions.

To purchase: Bookings are essential.

Limited to 8 people per tour.

Online sales expire at 4.30 pm two days prior.

Notes:

The tour includes up to 300 steps. Flat, rubber-soled shoes must be worn. For safety reasons, children of 12 years old and under are not permitted.

F. Opera High Tea consists of a tour where you will walk in the footsteps of world-class singers, dancers and musicians, followed by fine food and music in the spectacular surroundings of the Bennelong Dining Room. What could be better than a treat of delicious light snacks and soft drinks followed by a live recital by a leading Australian singer? An unforgettable treat for young and old!

G. Takes place: Every second Wednesday, 2 pm

Duration: 1.5 hours

Prices: \$145 per person

Book online or visit the Guided Tours Desk.

Questions 8-14

The text has seven sections A-G. Which section mentions the following?

Write the correct letter, A-G, in boxes 8-14 on your answer sheet.

NB You may use any letter more than once.

8. discounts available to younger visitors.
9. the need for suitable footwear.
10. the opportunity to pretend you are taking part in a concert.
11. a restriction on the number of participants.
12. a reduction that applies to purchases using the internet.
13. the need to book your ticket in advance.
14. the length of one of the tours.

Section 2

Questions 15-27.

You should spend about 20 minutes on Questions 15-27, which are based on Reading Passages below.

Read the text below and answer Questions 15-21.

USING DIRECT MAIL TO SELL YOUR PRODUCT

When you have set up your own business, you must, of course, start selling your goods or services. One way is by using direct mail - in other words, sending a sales letter (or email) directly to companies that might want to do business with you.

One important factor is your mailing list - that is, who you contact. You can build this up from your own market research, existing clients and advertising responses, or you can contact list brokers and rent or buy a compiled list. If you are contacting a business, it is important to address the letter to the decision maker, ideally by name or at least by job title.

While the desirability and price of the product on offer will obviously influence sales, you also need to gain the maximum impact from your sales letter. To achieve that, bear the following points in mind:

- You have no more than two seconds from when the reader starts the letter to convince them to continue. If you fail, they will throw it away. The opening is crucial to attract their attention. And so that they don't lose interest, avoid having too much text.
- Try to send each mailing in a white envelope. It might be cheaper to use a brown envelope but it doesn't make for such good presentation.
- Include a brochure. Depending on the volume and on whether you can afford the cost, try to use at least two-colour printing for this. If practicable, it may be worth enclosing a free sample - this is a much greater incentive than photographs.
- However interested your potential clients are in buying, they will only do so if it can be done easily. So, include an order form (and of course details of how to return it) with your letter.
- When you receive your replies, assess your response rate and monitor the sales. If necessary, the sales letter can then be amended to attract other clients on subsequent mail shots; make sure each different letter is coded so that monitoring is easy and effective.
- Ensure that each reply is dealt with quickly and professionally. If further details are requested, these must be sent out promptly. There is no point in encouraging potential customers to contact you if your service is slow or non-existent.

Questions 15-21

Complete the sentences below.

Choose NO MORE THAN TWO WORDS from the passage for each answer.

Write your answers in boxes 15-21 on your answer sheet.

15. Sales letters should be sent to the _____ in a company.
16. Your letter should make as much _____ as possible.
17. The reader's attention needs to be caught by the _____ of your letter.
18. Letters should be sent in a _____.
19. It is best to print the _____ in two or more colours.
20. Consider sending a _____ as this is more effective than a picture.
21. You should calculate the _____ to your letter.

Read the text below and answer Questions 22-27.

IFCES, the International Federation of Chemical Engineering Societies

Job Specification: Communications Manager

Contract: Permanent (with 3-month probationary period)

Reports to: Chief Executive

Hours: 9:15 am — 5:30 pm with 1 hour for lunch

Holidays: 23 days per annum + statutory public holidays

Job Summary

To raise the international profile of IFCES. To communicate our objectives, programmes and services to members, the chemical engineering community, the media and the wider public.

Key Responsibilities

- Develop and implement a programme of communications to member associations, the chemical engineering industry, sponsors and the media.
- Plan and implement marketing strategies for all IFCES programmes including the World Chemical Engineering Congress.
- Write and edit copy for publications intended for internal and external use including Chemical Engineer Monthly.
- Work with design agencies, web developers and other external contractors to produce high quality corporate and marketing materials.
- Research, write and distribute news releases as required, often at short notice and under pressure
- Deal with media enquiries and interview requests. Ensure that good relationships with both mainstream and chemical engineering media are developed and maintained.

- Assist in the production of presentations and speeches for board members.
- Ensure website content is up to date and consistent.
- Develop a consistent corporate identity and ensure its application by all member associations and partner organisations.
- Carry out specific duties and projects as directed from time to time.

Employee Specification

Essential

- Degree (any discipline)
- Minimum 4 years' experience in a communications role
- Excellent copy writing skills with strong attention to detail, a keen sense of audience and an ability to tailor writing to its particular purpose
- Demonstrable track record of producing high quality corporate publications and marketing materials
- Excellent interpersonal and organisational skills
- Sound IT skills, including working knowledge of Microsoft Office applications
- Willingness to travel internationally

Desirable

- Recognised post-graduate qualification in public relations / journalism / marketing communications
- Knowledge of the global chemical engineering industry and the production of new materials in particular
- Understanding of the concerns surrounding sustainability in chemical engineering
- Ability to speak a foreign language

Questions 22-27

Complete the notes below.

Choose NO MORE THAN TWO WORDS from the passage for each answer.

Write your answers in boxes 22-27 on your answer sheet.

Position: Communications Manager

Summary of role: to improve IFCES's 22. _____ around the world.

Responsibilities include:

- writing for a number of 23. _____, produced for both IFCES and a wider readership
- producing news releases quickly when necessary
- making sure the 24. _____ contains current information.

Employee specification (essential) includes:

- high level skill in writing appropriately
 - for the 25. _____ to read
 - to achieve a specific 26. _____
- good IT skills.

Employee specification (desirable) includes:

- relevant qualification at a 27. _____ level
- awareness of issues of sustainability in relation to the industry
- knowledge of a foreign language.

Section 3

Questions 28-40

You should spend about 20 minutes on Questions 28-40, which are based on Reading Passages below.

Read the text below and answer Questions 28-40.

KAURI GUM - a piece of New Zealand's history

A. The kauri tree is a massive forest tree native to New Zealand. Kauri once formed vast forests over much of the north of the country. Whereas now it is the wood of the kauri which is an important natural resource, in the past it was the tree's sap (the thick liquid which flows inside a tree) which, when hardened into gum, played an important role in New Zealand's early history.

After running from rips or tears in the bark of trees, the sap hardens to form the lumps of gum which eventually fall to the ground and are buried under layers of forest litter. The bark often splits where branches fork from the trunk, and gum accumulates there also. Kauri Gum - Reading Passage

The early European settlers in New Zealand collected and sold the gum. Gum fresh from the tree was soft and of low value but most of the gum which was harvested had been buried for thousands of years. This gum came in a bewildering variety of colours, degree of transparency and hardness, depending on the length and location of burial, as well as the health of the original tree and the area of the bleeding. Highest quality gum was hard and bright and was usually found at shallow depth on the hills. Lowest quality gum was soft, black or chalky and sugary and was usually found buried in swamps, where it had been in contact with water for a long time. Long periods in the sun or bush fires could transform dull, cloudy lumps into higher quality transparent gum.

B. Virtually all kauri gum was found in the regions of New Zealand where kauri forests grow today - from the middle of the North Island northwards. In Maori and early European times up until 1850, most gum collected was simply picked up from the ground, but, after that, the majority was recovered by digging.

C. The original inhabitants of New Zealand, the Maori, had experimented with kauri gum well before Europeans arrived at the beginning of the nineteenth century. They called it kapia, and found it of considerable use.

Fresh gum from trees was prized for its chewing quality, as was buried gum when softened in water and mixed with the juice of a local plant. A piece of gum was often passed around from mouth to mouth when people gathered together until it was all gone, or when they tired of chewing, it was laid aside for future use.

Kauri gum burns readily and was used by Maori people to light fires. Sometimes it was bound in grass, ignited and used as a torch by night fishermen to attract fish.

D. The first kauri gum to be exported from New Zealand was part of a cargo taken back to Australia and England by two early expeditions in 1814 and 1815. By the 1860s, kauri gum's reputation was well established in the overseas markets and European immigrants were joining the Maoris in collecting gum on the hills of northern New Zealand. As the surface gum became more scarce, spades were used to dig up the buried 'treasure'. The increasing number of diggers resulted in rapid growth of the kauri gum exports from 1,000 tons in 1860 to a maximum of over 10,000 tons in 1900.

For fifty years from about 1870 to 1920, the kauri gum industry was a major source of income for settlers in northern New Zealand. As these would-be farmers struggled to break in the land, many turned to gum-digging to earn enough money to support their families and pay for improvements to their farms until better times arrived. By the 1890s, there were 20,000 people engaged in gum-digging. Although many of these, such as farmers, women and children, were only part-time diggers, nearly 7,000 were full-timers. During times of economic difficulty, gum-digging was the only job available where the unemployed from many walks of life could earn a living, if they were prepared to work.

E. The first major commercial use of kauri gum was in the manufacture of high-grade furniture varnish, a kind of clear paint used to treat wood. The best and purest gum that was exported prior to 1910 was used in this way. Kauri gum was used in 70% of the oil varnishes being manufactured in England in the 1890s. It was favoured ahead of other gums because it was easier to process at lower temperatures. The cooler the process could be kept the better, as it meant a paler varnish could be produced.

About 1910, kauri gum was found to be a very suitable ingredient in the production of some kinds of floor coverings such as linoleum. In this way, a use was found for the vast quantities of poorer quality and less pure gum, that had up till then been discarded as waste. Kauri gum's importance in the manufacture of varnish and linoleum was displaced by synthetic alternatives in the 1930s.

F. Fossil kauri gum is rather soft and can be carved easily with a knife or polished with fine sandpaper. In the time of Queen Victoria of England (1837-1901), some pieces were made into fashionable amber beads that women wore around their necks. The occasional lump that contained preserved insects was prized for use in necklaces and bracelets. Many of the gum-diggers enjoyed the occasional spell of carving and produced a wide variety of small sculptured pieces. Many of these carvings can be seen today in local museums.

Over the years, kauri gum has also been used in a number of minor products, such as an ingredient in marine glue and candles. In the last decades, it has had a very limited use in the manufacture of extremely high-grade varnish for violins, but the gum of the magnificent kauri tree remains an important part of New Zealand's history.

Questions 28-33

The text has six sections A-F.

Which section contains the following information?

Write the correct letter, A-F, in boxes 28-33 on your answer sheet.

NB You may use any letter more than once.

- 28. an example of a domestic product made of high-quality gum
- 29. factors affecting gum quality
- 30. how kauri gum is formed
- 31. how gum was gathered
- 32. the main industrial uses of the gum
- 33. recent uses of kauri gum

Questions 34-39

Look at the following events in the history of kauri gum in New Zealand (Questions 34-39) and the list of time periods below.

Match each event with the correct time period, A-I.

Write the correct letter, A-I, in boxes 34-39 on your answer sheet.

- 34. Kauri gum was first used in New Zealand.
- 35. The amount of kauri gum sent overseas peaked.
- 36. The collection of kauri gum supplemented farmers' incomes.
- 37. Kauri gum was made into jewellery.
- 38. Kauri gum was used in the production of string instruments.
- 39. Most of the kauri gum was found underground.

List of Time Period

A. before the 1800s	B. in 1900	C. in 1910
D. between the late 1800s and the early 1900s	E. between the 1830s and 1900	F. in 1814 and 1815
G. after 1850	H. in the 1930s	I. in recent times

Questions 40

Choose the correct letter, A, B, C or D.

Write the correct letter in box 40 on your answer sheet.

- 40. What was most likely to reduce the quality of kauri gum?
 - A. how long it was buried
 - B. exposure to water
 - C. how deep it was buried
 - D. exposure to heat

Answers – CB 10 A GT

1. TRUE
2. FALSE
3. NOT GIVEN
4. TRUE
5. FALSE
6. TRUE
7. NOT GIVEN
8. C
9. E
10. D
11. E
12. C
13. E
14. G
15. decision maker
16. impact
17. opening
18. white envelope
19. brochure
20. (free) sample
21. response rate
22. (international) profile
23. publications
24. website content
25. audience
26. purpose
27. post-graduate
28. E
29. A
30. A
31. B
32. E
33. F
34. A
35. B
36. D
37. E
38. I
39. G
40. B

