

Unit 30
Tomorrow's World
عالم الغد

1- Living Away from the Earth: الحياة بعيداً عن الأرض

A demographer عالم إحصاء سكاني is being interviewed on TV.

Announcer: With the population explosion الانفجار السكاني people will find nowhere to live. Is that right?

Demographer: This is a prediction تنبؤ but it may come true. قد تتحقق.

Announcer: So, what will people do?

Demographer: Actually, scientists are trying to find solutions for the problems people will face يواجه in tomorrow's world. They're trying to provide future shelter مأوى either in space الفضاء or under the sea تحت سطح البحر.

Announcer: So, we begin by shelters in space.

Demographer: Space-ships have been sent to other planets كواكب for the purpose of بغرض studying them and finding out about means وسائل and ways for human life there. حياة الإنسان.

Announcer: And what about life under the sea?

Demographer: There will be underwater تحت الماء dwellings مساكن and even industrial plants مصانع fixed under sea.

2- The Electronic Revolution: الثورة الإلكترونية

A futurologist عالم دراسة المستقبل talked about the world of the future. A journalist صحفي is talking to him.

Journalist: I'd like to write an article **مقالة** about your talk in my newspaper. And I'd like to ask you some questions.

Futurologist: With pleasure. Go ahead.

Journalist: Will there really be a possibility **هل هناك حقا** of an electronic revolution **ثورة إلكترونية** that will lead to the disappearance **اختفاء** of the office **المكتب** as we know it today **كما نعرفه اليوم**?

Futurologist: This will happen in the not-too-distant future **المستقبل غير البعيد**. Office-workers **العاملين في المكاتب** will be able to stay at home where they have computer terminals **كمبيوتر طرفي يوصله بنظام إلكتروني**. In this way they can gain access to an electronic-storage system **يستطيع الوصول إلى نظام تخزين إلكتروني**. They can send and get information **أزرار المعلومات** by pressing some buttons **Information المعلومات** thus appears on TV screen **شاشة**.

Journalist: And what about the voice-sensitive machine **الآلة الحساسة للصوت**.

Futurologist: Well, this machine can convert **تحول** voice messages **الرسائل الصوتية** into a digital code. **نظام رقمي بشفرة رقمية**

Journalist: Does this mean we won't need typists **آلة كتاب كاتبة**.

Futurologist: Correct. the office of the future will be electronic **إلكتروني**.

Journalist: We're actually indebted to **مدنين** scientists for the future electronic revolution.

3- Cloning: الاستساخ

A visiting lecturer محاضر زائر gave a lecture on cloning الاستساخ. He's answering the questions of the audience المستمعين.

A : Your lecture is very interesting but it filled me with fears المخاوف or you may say with terror الرعب with regard to research البحث in the field of cloning human beings.

Lecturer: Well, many people have the same feelings مشاعر. However, cloning has been successful in the field of animals. As we all know a goat has been cloned تم استساخها without the sperm الحيوان of the male ذكر animal.

B : I think that cloning humans البشر is unethical لاأخلاقى and against religion الدين.

Lecturer: I don't think that human beings will be cloned. But cloning can be used for medical purposes لأغراض طبية.

C : Yes, the family الأسرة as the nucleus of the society يجب الحفاظ عليها should be preserved نواة المجتمع.

Lecturer: Well, I agree with you. Cloning should be employed يستخدم for the service of man الإنسان and not for destroying his morals أخلاقياته, his civilization حضارته and his future مستقبله.

4- The Car of the Future: سيارة المستقبل

A leading car manufacturer صانع سيارات gave a lecture محاضرة on "The Car of the Future" سيارة المستقبل. A pressman أحد رجال الصحافة is talking to him.

Pressman: I enjoyed attending استمتعت بحضور your lecture محاضرة and I'll brief our readers سأعطي معلومات on the topic الموضوع الذي تناوله and أفية.

There're still هناك مازال some questions.

Manufacturer: I'm ready to answer your questions.

Pressman: What are the major advantages of the car of the future.

Manufacturer: Well, the car of the future will be designed سوف تصمم in a way بطريقة that will conserve تصون - يحفظ the natural environment البيئة الطبيعية.

Pressman: How will this be achieved: كيف سيتم تحقيق ذلك?

Manufacturer: Well, the fuel used in the motors of that car will either be electricity الكهرباء or natural gas الغاز الطبيعي.

Pressman: What about its speed. سرعة

Manufacturer: That car will be made of lighter but stronger materials. Therefore, it will be quicker.

Pressman: And its size?

Manufacturer: It will be of different sizes. But a large percentage نسبة كبيرة of the cars of the future will be smaller and cheaper and this means they will be greater in number than the cars of today.

Pressman: What does producing such cars aim at?

Manufacturer: The aim is to save fuel الوقود في الاقتصاد and to solve parking problems مشاكل الانتظار.

5- Future Developments in the 21st Century: التطورات في القرن الحادي والعشرين

A professor أستاذ gave a lecture on "The Twenty-First Century" The editor of a Science Magazine مجلة علمية attended the lecture and asked him some questions at the end of it.

Editor: That was a very wonderful مدهشة and interesting lecture, sir. But, I think you talked about the bright side الجانب المشرق of the 21st Century.

Lecturer: Yes, you're right. I'm actually concerned with — المهتم the developments in the 21st Century.

Editor: All right حسناً. Let's confine ourselves على to the future developments. What are the most important ones ما هو أهمها؟

Lecturer: Petrol-powered cars السيارات التي تعمل بالبنترول will disappear. Cars will use other sources of energy. Factories will be fully automatic أوتوماتيكية and will be run by electricity produced at nuclear power stations محطات طاقة نووية. Homes will be fully automatic. People will have three-dimensional television التلفزيون ثلاثي الأبعاد. Mobile telephones التليفونات المحمولة will replace the present ones and so on وهكذا.

Editor: Will these developments affect تؤثر على the principles مبادئ and values والقيم people now have?

Lecturer: I do hope this will not happen. It's better for people to keep the values and principles they now have.

Revision F

A. Complete the missing parts in the following dialogues:

1-A pilot is sending an emergency message to the airport tower controller. ضابط المراقبة ببرج المطار.

Pilot: PA Flight 306 to Cairo, calling.

Controller: Cairo Tower answering.(1).....

Pilot: The trouble is that a crime has been committed on the plane.

Controller:(2).....

Pilot: Yes, I have some security personnel أفراد أمن.

Controller:(3).....

Pilot: The security personnel officer is now with them.

Controller:(4).....

Pilot: A passenger lost his mind and stabbed طعن another passenger with a kitchen knife. سكين مطبخ.

Controller:(5).....

Pilot: The victim الضحية is bleeding دما and his case تتدهور is deteriorating حالة.

Controller: Provide him with First Aid الإسعاف and an ambulance عربة إسعاف will be waiting at the door of the plane to take him to hospital.

2- A Police General قائد بوليس is being interviewed on TV about security in Cairo.

Announcer: Ladies and Gentlemen, I'm pleased to have a top police General to answer questions about security in Cairo.(1).....

General: I'm ready to answer your questions.

Announcer:(2).....

General: I'm going to give honest answers اجابات أمينة.

Announcer: Cairo isn't the safe place that used to be.
Now we have many car accidents, many thefts
سـرقات, mugging بالـعـنف, absence of
road sense غياب آداب الطريق and so on.

General:(3).....

Announcer: Yes, I agree the police alone can't solve
these problems.(4).....

General: That's right the public الجمهور should give a
hand يساعد to the police.

Announcer:(5).....

General: In this way the police will find solutions حلول to
the problems you've already mentioned ذكرتها. The
Ministry of Interior Affairs وزارة الداخلية has
recently taken measures اجراء to curb السيطرة على
all sorts of offences المخالفات and crimes in Cairo.

**3- An applicant is being interviewed for the job of
office secretary سكرتيرة لمكتب**

Interviewer:(1).....

Applicant: I applied for the job of office secretary.

Interviewer:(2).....

Applicant: I graduated from the Higher Institute for
Secretarial Work. المعهد العالي لأعمال السكرتارية

Interviewer:(3).....

Applicant: I'm good at typing in Arabic and in English,
business correspondence المراسلات التجارية,
shorthand الاختزال and indexing الفهرسة.

Interviewer:(4)..... But what about foreign
languages?

.....(5).....

Applicant: No I'm not good at French. I only speak
English.

Interviewer: Thank you. The result will be out ستعلن
النتيجة tomorrow.

**4- A pressman صحفي is talking to a university professor
أستاذ جامعة about the problem of providing blood for
blood banks. بنوك الدم.**

Pressman: We're all aware of مدركين the dangers of the
unavailability عدم توفر of blood bags الدم أكياس at
time of need الحاجة فى وقت الحاجة (1).....

Professor: My تعليق comment on this is what people say.
It's really حقيقة a serious problem.

Pressman:(2).....

Professor: The main reason for the problem is that blood
donors المتبرعون بالدم are so small in number.

Pressman:(3).....

Professor: Hospitals now get blood bags from blood
banks which buy blood from blood sellers بائعو
الدماء.

Pressman:(4).....

Professor: Nearly all blood sellers are drug addicts who
need money to buy drugs. Such people sell
contaminated blood الدم الملوث.

Pressman:(5).....

Professor: Perfect blood analysis تحليل الدم الدقيق costs a lot
يكلف الكثير. So banks do not do such analysis.

Pressman:(6).....

Professor: The problem can be solved تحل المشكلة by
encouraging blood donations التبرعات and
analysing blood bags before using them.

**5- A computer specialist is being interviewed on TV.
The topic is about the spread انتشار of computers all
over the world.**

Announcer: No one can deny ينكر the role دور of computers in shaping تشكيل our future.(1).....

Specialist: Computers will be used more and more extensively in the future.

Announcer:(2).....

Specialist: This is because computers are incredibly more efficient كفاءة بطريفة لا تصدق than human beings البشر. They can store great amounts of information and can do calculations الحسابات in a fraction جزء صغير of the time a human being needs to do the same thing.

Announcer:(3).....

Specialist: Computers are now used for many purposes. They will be used more extensively على نطاق أوسع in providing information توفير المعلومات, doing mathematical calculations الحسابات الرياضية, statistical analyses التحليلات الإحصائية, medical analyses التحليلات الطبية, banking services الخدمات البنكية and so on.

Announcer:(4).....

Specialist: Yes, training in how to use computers التدرب على طريقة استخدام الكمبيوتر should start at schools.

Announcer:(5).....

Specialist: Yes, computers will definitely affect تؤثر على the future of mankind الجنس البشرى.

Announcer: We hope the effect التأثير will be for the best إلى الأفضل and that computers will not be misused سوء استخدامها such as using them in forging bank-notes for example. كاستخدامها فى تزوير الأوراق المالية. مثلاً

B. Write the following dialogues:

1- A dialogue between a pilot and an Airport Tower controller. The pilot is giving a message about an emergency ظرف طارئ on the plane.

2- An announcer is interviewing an environmentalist مهتم تلوث المياه on the problem of water pollution بشئون البيئة.

3- A company's director is interviewing an applicant طالب يشغل وظيفة خالية من الوظيفة who wants to fill the vacant job محاسب accountant.

4- An American specialist who works with WHO (World Health Organization) منظمة الصحة العالمية is being interviewed by a pressman صحفى about the spread of tuberculosis السل الرئوى in the world.

5- A visiting British professor أستاذ بريطانى زائر gave a lecture on "The Role of the 'Internet' in Shaping the Future of the World" دور شبكة المعلومات فى تشكيل مستقبل العالم . He's being interviewed by a journalist صحفى.