

EXAME NACIONAL DO ENSINO SECUNDÁRIO

12.º Ano de Escolaridade — Via de Ensino

(2.º, 3.º e 4.º cursos)

Duração da prova: 120 minutos

2000

1.ª FASE

1.ª CHAMADA

PROVA ESCRITA DE INGLÊS (NÍVEL INFERIOR)

Material admitido: dicionários unilingues e/ou bilingues.

I

A. After reading through the passage below, decide on an appropriate and interesting title and justify your choice. **Write no more than 35 words.**

Few doubt the power of telecommunications to transform people's lives. Ask an adult over the age of 60 to recall a significant event in world progress and chances are they will remember the installation of the first telephone in their community.

Today, telecommunications is no longer about being able to connect people. As we move into the next millennium a number of new telecommunications technologies have the potential to make a radical impact in areas such as health, education and commerce. Telecommunications have become so important that the United Nations has identified the sector as one of the key enablers for both economic and social development.

These new opportunities are made possible by a host of technological innovations that are driving down the cost of telecommunications. Satellite technologies allow global coverage at a fraction of terrestrial network costs. Mobile communication networks are much cheaper and faster to install than fixed lines. Fiber optics offer many times the capacity of copper for a similar cost. And the internet will create a whole new range of services – both faster and better than conventional circuit-switched services.

Such advances are making our world more mobile, personal and interactive. Far more important than the resulting effect on our work and leisure pursuits will be the impact on fundamental issues facing our planet: the provision of healthcare, education and a means of economic growth for developing nations.

For example, medical expertise and resources are scarce in many areas of the world, but new telecommunications technologies can be applied to save lives. The use of microwave links, for instance, can allow staff at different medical centers to communicate by sharing images like x-rays or patient reports. A simultaneous two-way audio-visual link could allow a pioneering surgeon to supervise another doctor in a remote location.

Another important area is education. Here, too, telecommunications can make a lasting impact. As broadcasting joins the digital revolution, more radio channels, more variety and better quality will be available globally. For the first time, even local stations will be able to reach the most remote regions of the globe. The opportunities are limitless. The advent of interactive computer networks means that the acquisition of knowledge is no longer confined to traditional learning environments. Distance learning and knowledge sharing will aid

30 corporations, institutions and universities, while at the same time bringing real and immediate benefits to developing regions that have no resources.

At the threshold of a new millennium, convergence – the merger and cross-fertilization of the previous separate technologies of broadcasting, computing and telecommunications – means new services and applications that will benefit development on a worldwide basis.

TIME, October 11, 1999

B.

1. Explain what in the text is meant by:

- a. "... telecommunications technologies have the potential to make a radical impact..." (II. 5-6)
- b. "... one of the key enablers for both economic and social development." (I. 8)
- c. "... a host of technological innovations..." (I. 9)
- d. "... telecommunications can make a lasting impact." (II. 24-25)
- e. "The opportunities are limitless." (I. 27)
- f. "... the acquisition of knowledge is no longer confined to traditional learning environments." (II. 28-29)

2. Complete these sentences according to the information in paragraphs 1-5. Use your own words.

- a. Undoubtedly telecommunications...
- b. Older people are likely...
- c. Connecting people...
- d. Even an organisation like the United Nations is aware of the importance of telecommunications, which make...
- e. The widespread use of these technologies derives...
- f. Even remote regions...

C. In 25-40 words each, answer these questions on the final part of the text. Use your own words as much as possible.

1. What key development in telecommunications technologies does the writer consider crucial in the development of education in developing countries and why is it so important?
2. How do you explain the emphasis placed by the author on the role of education in those areas of the world?
3. What is the writer's attitude towards the result of these technologies in the future? Account for your opinion.

D. Rewrite the sentences below without changing their meaning and beginning them as indicated.

1. Telecommunications technologies can only be used by developing countries if they become cheaper.
Only...
2. The use of these technologies will make exchange of experiences easier.
By...

V.S.F.F.

826/3

II

Write 120-150 words on **ONE** of the following topics, either A or B or C.

A.

Whatever gulf separates the rich from the poor, an even greater chasm separates... the ignorant from the educated.

Alvin Toffler, *Powershift. Knowledge, Wealth and Violence at the Edge of the 21st Century*

Comment on the statement above, taking into consideration the way modern information technologies can improve education and job opportunities.

B.

Analyse the impact of inequality in the novel you have studied:

F. Scott Fitzgerald's *The Great Gatsby*

or

B. MacLaverty's *Cal*

C.

We are witnessing the early days of a wired revolution in medicine. But technology will never be a cure-all. Accidents and plagues won't disappear.

TIME, November 6, 1999

Bearing in mind that many of our 'accidents and plagues' are the result of human behaviour, decide how the future will be better or worse in terms of our health.

FIM

COTAÇÕES

I

A.	15 pontos
B. 1. (6 × 5)	30 pontos
2. (6 × 5)	30 pontos
C. (3 × 15).....	45 pontos
D. (2 × 10)	20 pontos

II

A. ou B. ou C.	60 pontos
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TOTAL **200 pontos**