BE Partie I Commune à tous les candidats Durée 1 heure

Structure of the language and vocabulary Choose the one word or phrase that best completes the sentence.

1- The meeting went on during the night and they to an agreement at 3 AM A- came B- reached C- attained D- found
2- This question is all the more importanta lot of money is involved A- for B- as C- than D- that
3- At a timereligion is getting more important, the separation between church and state cannot be dismissed A- when B- where C- as D- that
4- Global warming will become a major issue in atime A- few B- little C- quick D- soon
5- A French ambassadoris called Jean Martin was kidnapped yesterday A- which B- that C- who D- what
6- Allyoung Germans have no personal experience of the war A- the B- 0 C- their D- them
7- The young men wanted to save theirand they joined the army A- country B- land C- earth D- nationality
8- In 1917 the soldiers decided not to obeytheir officers and they put their weapons down A- to B- 0 C- at

D-over
9- Theresome principles which stand above law and order A- is B- are C- have D- has
10- The immigrants wanted to better theirand left for America A- live B- lives C- life D- being
11 The immigrants could not carry allthey had and soldthey could not take with them A- 0 what B- that what C- which that D- what what
12- The children fought
13- In the fifties theremuch talk about the consequences of the war on the world economy A- was B- were C- had D- had be
14- The students want
15- The shopkeepers will profit
16- There

17- This restaurant serves delicious food as it buys its produce fromfarmers A- daily B- dairy C- corner D- local
18- We would like to set up our tent in a quiet area in the
19 This restaurant has quite prices A- afford B- affordable C- abordable D- near
20- The pricesbetween 8 and 15 euros A- stretch B- range C- turn D- last
21- How
22- The roads here are quite narrow, there is for just one car A- space B- room C- area D- place
23- The school bus does not go as far as the farm to the pupils, they have to walk to the village A- look for B- look C- fetch D- carry
24- Pay attentionthe school bus as pupils often cross the road without watching A- to B- of C- for D- at
25- the tourists are welcome to visit the farm but onlyappointment A- by B- with

C- through D- on
26- We usually servebreakfast at 8 in the morning A- O B- the C- this D- that
27- Theis located at the back of the hotel A- car park B- parking C- parking space D- car space
28- why are our products so differentthe others? A- that B- than C- from D- of
29- Our jams are made with fruit and sugar; we don't use any
30- « A la carte » means you can choose you want to eat from the list A- that B- which C- what D- whoever
31- Farmers' incomes can beby the sale of farm produce such as vegetables, fruit and preserves A- supplemented B- added C- risen D- increase
32- Sorry we don't have any coffee, you'll have towith tea A- accommodate B- make do C- compensate D- do

Read the text below and answer the questions:

Dare to dream with flexible microchips

The proliferation of cheap programmable microcomputer chips, or microcontrollers, promises a new age of « whimsical logic », chips that power devices whose functions are as delightfully impractical as their forms.

Take timekeeping. For a decade, it seemed that every alarm clock had the same interface. Practically every digital clock used the same chip, a type known as an application specific integrated circuit, which is designed once and then manufactured by the millions.

New programmable chips, called field programmable gate arrays, can do anything you dream of. What 's more, programmable arrays can be produced in tiny batches for just a few dollars. Soon you will be able to do that at home. The new chips can be created using basic programming languages. Then with XESS's XSA-200 logic board (xess.com) you can turn your designs into logic. Step up to XESS's pricier, more professional gear, and the designs can be burned onto blank chips, just as digital songs and videos are burned onto blank discs. The chip blanks cost \$2 each in bulk.

Cheap programmable arrays have now made timekeeping an area for experimentation. Tokyo Flash is a Japanese Web site specializing in selling watches of great beauty and ridiculousness. I have a watch that tells me the time in binary, using two rows of light-emitting diodes. I have one that blinks time in Morse code.

The New York Times Le Monde Dec 24th 2005

- 33- What language is used to program a microcomputer chip?
- A- English
- B- basic language
- C- a simple programmable language
- D- French
- 34- Why are microcomputer chips getting popular?
- A- they are very cheap
- B- they enable users to develop new applications by themselves
- C- they can be reprogrammed
- D- they can display the time
- 35- With XESS's XSA-200 logic board, you can:
- A- program a chip or a microcontroller
- B- create a new chip
- C- turn a design into a logic system
- D- create a programming language
- 36- What is a blank chip?
- A- a chip on which programs and data can be developped
- B- a chip on which programs and data can be recorded
- C- a chip which can tell the time in various ways
- D- a chip used to develop computer programs
- 37- What does 'burning a chip' mean?
- A- setting it on fire
- B- recording programs and data on it
- C- preparing it so that programs and data can be recorded on it
- D- checking it
- 38- Why do alarm clocks all display the time in the same way?
- A- because time is universal
- B- because there is only one display model
- C- because it's cheaper to use the same display device
- D- because there is only one chip model available for that function
- 39- Why is it now possible to display the time in Morse code now?
- A- because people are more aware of the needs of blind persons.
- B- because they would be very convenient on a sinking ship
- C- because designing a special chip to do so is quite easy now
- D- because a Morse code disply looks better than a traditionnal display

40- What is an Application Specific Integrated Circuit (ASIC) ? A- a brand of shoes B- a chip designed to perform only one function C- a programming language inserted onto a chip D- a circuit specifically designed to tell the time
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Select the word which fits the blanks best:
.41the time January came42, I wanted43join the44Parisian tradition of buying45a house in the country. My motives were basically the same46the native47 For a start I was getting a bit48 of the sheer urban density of Paris. Compared49London, there's50
41 A- at B- by C- when D- as
42 A- to B- at C-around D- by
43 A- to B- 0 C- in D- for
A- large B- big C- great D- wide
A- me B- myself C- mine D- my
46 A- than B- that C- of D- as
47 A- Parisian

B- Parisians

C- Parisians' D- Parisian's
48 A- bore B- tried C- ill D- sick
49 A- on B- at C- to D- of
50 A- hardly B- especially C- painfully D- sorry
Error recognition Find the one word or phrase that is incorrect in the context
51- Vaccination is good for the person receiving the vaccine, if he is thus prevented of suffering from a nasty D
<u>disease</u>
52- <u>Last year</u> , America's Defence Advanced Research Projects Agency <u>though</u> it <u>would be</u> a good idea A to organise a robot race across the Nevada desert D
53- Games consoles are the most powerful are the most powerful B C of the world D
54- <u>Lower prices</u> will put mobile phones, and their attendant <u>economical benefits</u> , <u>into the hands</u> of <u>millions</u> A- more people.
55- You can learn a lot about a culture in studying its drinking rules A- B C D
56- Most English people, faced with unappetizing or even inedible food, are too embarrassing to complain at all. A- B C D
57- In 2005, animal-rights activists expressed their <u>distaste for</u> the <u>running of the bulls</u> in Pamplona <u>by taking off</u> A B C their clothes and streaking throught the town D
58- The Easter Sunday, eggs are often given as presents and new season spring lamb is often on the menu

59- For years <u>scientists</u> have been looking for a <u>cure for cancer</u> but now they think they <u>might be about</u> to break

though

D

60- I left school when <u>I had seventeen</u>. Even though I didn't have the <u>right</u> qualifications, I <u>managed to find</u> a job

A B C

as a secretary in a private bus company.

D

Read the text carefully and answer the questions

Is it an evil influence on the youth of our country? The gaming furore centers on 'Grand Theft Auto: San Andreas', a popular and notoriously violent cops and robbers game that turned out to contain hidden sex scenes that could be unlocked using a patch downlodaded from the internet. The resulting outcry caused the game's rating in America to be changed from « mature », which means you have to be 17 to buy it, to « adults only » which means you have to be 18, but also means that big retailers such as Wal-Mart will not stock it. The opposition to gaming springs largely from the neophobia that has pitted the old against the entertainments of the young for centuries. Most gamers are under 40, and most critics are non-game-playing over-40s. But what of the specific complaints -that games foster addiction and encourage violence?

There's no good evidence for either. On addiction, if the worry is about a generally excessive use of screen-based entertainment critics should surely concern themselves about television rather than games: A merican

There's no good evidence for either. On addiction, if the worry is about a generally excessive use of screen-based entertainment, critics should surely concern themselves about television rather than games.: American teenage boys play video games for around 13 hours a week (girls for only five hours), yet watch television for around 25 hours a week.

Most of the research on whether vido games encourage violence is unsatisfactory, focusing primarily on short-term effects. In the best study so far, frequent playing of a violent game sustained over a month had no effect on participants' level of aggression. And, during the period in which gaming has become widespread in America, violent crime has fallen by half. If games really did make people violent, this tendency might be expected to show up in the figures, given that half of Americans play computer and video games. Perhaps, as some observers have suggested, gaming actually makes people less violent, by acting as a safety valve.

So are games good, rather than bad, for people? Good ones probably are. Games are widely used as educational tools, not just for pilots, soldiers and surgeons, but also in schools and businesses. Every game has its own inerface and controls, so that anyone who has learned to play a handful of games can generally figure out how to operate almost any high-tech device. Games require players to construct hypotheses, solve problems, develop strategies, learn the rules of the in-game world through trial and error. Gamers must also make quick decisions. One game, set in the 1930s Europe, requires the player to prevent the outbreak of the second world war; other games teach everything from algebra to derivatives trading. Playing games is, thus, an ideal form of preparation for the workplace of the 21st centurty, as some forward-thinking firms are already starting to realise. Pointing all this makes little difference, though, because the controversy over gaming, as with rock and roll, is more than anything else the consequence of a generational divide. Can the disagreements between old an young over new forms of media ever be resolved? Sometimes attitudes can change relatively quickly, as happened with the internet. Once condemned as a cesspool of depravity, it is now recognised as a valuable new medium, albeit one where (as with films, TV and yes, video games) children's access should be limited and supervised. The benefits of a broadband connection are now acknowledged, and politicians worry about extending access to the have-nots. Attitudes changed becaue critics of the internet had to start using if for work, and then realised that, like any medium,n it could be used for good purposes as well as bad. They have no such incentive to take up gaming, however.

The Economist August 6th 2005 page 9 Leader

- 61- In your opinion, what is the best title for this article?
- A- the dangers of video games
- B- Old people against video games
- C- The pros and cons of video games

- D- The future of video games
- 62- How do sex scenes appear in the video game 'Grand Auto Theft »?
- A- by declaring your age
- B- by getting parental approval
- C- through an internet connexion
- D- by completing the first part of the game
- 63- What is the consequence of an adult 'rating' according to the text?
- A- the game is sold only through the Internet
- B- the game is not sold in major supermarkets and department stores
- C- it is no longer possible to play the game in internet cafés
- D- the game is no longer sold in the United States
- 64- The opposition to video games is called 'neophobia' because:
- A- video games generate violent behaviour among their players
- B- video games are addictive and new players can stop playing them all the time
- C- their opponents are mostly old people who oppose anything that is new
- D- People are afraid because they don't know how to play video games
- 65-According to the text, which past time do American teenagers frequently enjoy?
- A- video games
- B- watching TV
- C- playing American football
- D-car racing
- 66- Why don't video games generate so much aggression after all?
- A- they enable players to let out their aggression in a peaceful manner
- B- they depict scenes which do not generate aggression
- C- they convince players that aggression is bad
- D- they show players that agressive acts can take them to jail and so deter them
- 67- Why are video games considered as « educational tools »?
- A- they teach new subjects
- B- they make users familiar with the use of computers in general
- C- they develop players's intelligence
- D- they develop players's memory
- 68- Why is the Internet accepted by most people now?
- A- because most people have become familiar with it
- B- because the Internet is used at work as well as at home
- C- because the Internet has more advantages than drawbacks
- D-because everyone has got an Internet connexion
- 69- According to the text, who should have a limited access to the Internet?
- A- old people
- B- people at work
- C-video game addicts
- D-children
- 70- The final sentence 'They have no such incentive to take up gaming, however' means:
- A- people must pay to play video games whereas the Internet comes for free
- B- Video games are more expensive than the Internet
- C-People have not had the opportunity to use videogames at their work places
- D-Video games are more difficult to use than the Internet