

Faster than any other biosystem, the world's forests are (39) _____. As much as a third of the total tree (40) _____ has been lost since agriculture began some 10,000 years ago. In the (41) _____ forests there are more species than in any other biosystem, making forests the Earth's chief resource for the biodiversity of species.

Tropical rain forests once covered 12% of the land of the planet. As well as supporting at least 50% of the world's species of plants and animals, they are (42) _____ to millions of people.

In North America, there is a replanting program, but the new forests are not as diverse as the (43) _____ rain forests they are replacing. However, this does not mean that these forests are not important to the global ecology.

39	A	leaving	B	disappearing	C	hiding	D	departing
40	A	cover	B	blanket	C	sheet	D	carpet
41	A	staying	B	containing	C	remaining	D	continuing
42	A	house	B	home	C	lodging	D	accommodation
43	A	elderly	B	out-of-date	C	antique	D	ancient

In Tokyo, some of the busiest railway stations in the world have (44) _____ computerised "smile scanners" to help employees (45) _____ a better service. Now thanks to technology passengers can be assured of a friendly welcome from staff no (46) _____ how hard-pressed they are.

The computerised "smile scanner" works by calculating the optimum curve of the lips. Those with a low score are given words of advice, such as, "you look too serious".

Although the railway company says the smile scan system is not (47) _____, all staff at the station have used it. The employees say the scan has helped them check their facial (48) _____, which helped them communicate effectively with the customers.

44	A	installed	B	established	C	situated	D	connected
45	A	provide	B	suggest	C	produce	D	make
46	A	reason	B	idea	C	difference	D	matter
47	A	principal	B	compulsory	C	cardinal	D	distinctive
48	A	impressions	B	expressions	C	features	D	views

David James's drawing ability (49) _____ him the title of Art Director in arguably the (50) _____ most prestigious animation studio, *DreamWorks Animation*.

Make no mistake about it – this is big business. Each film takes approximately three years (51) _____ at a cost of between 60 and 100 million US dollars. You've probably seen some of them. *DreamWorks* has produced animated films such as *Antz*, *Shrek* and *The Road to El Dorado*.

"There is great appeal in working on animation," says David, "You (52) _____ time to truly get into a project. Three years to develop the design from concept through execution. You are purely working in the world of (53) _____."

49	A	was earning	B	has earned	C	had earned	D	is earning
50	A	world's	B	worlds	C	worlds'	D	world
51	A	makes	B	making	C	make	D	to make
52	A	were given	B	has been given	C	had been given	D	are given
53	A	imaginably	B	imagine	C	imagination	D	imaginative

A recent study may have an answer to one of (54) _____ mysteries in science – what is the purpose of sleep? The work (55) _____ it's actually about making animals function more efficiently in their environments.

Pythons and bats are among the longest sleepers at over 18 hours a day. Human babies need 16 hours, and most of us probably feel we need around eight hours of sleep (56) _____ well.

Professor Jerry Seigel from the University of California, Los Angeles, conducted a study of the sleep times of animals and found that they vary widely. Some, like migrating birds, can survive long periods without sleeping at all. He believes that sleep helps to conserve (57) _____ and to make best use of limited resources. Sleeping also makes us less likely to (58) _____.

54	A	much greater	B	greater	C	the greatest	D	greatest
55	A	suggests	B	suggest	C	is suggested	D	have suggested
56	A	functions	B	to function	C	to have functioned	D	is functioning
57	A	energiser	B	energetic	C	energy	D	energise
58	A	got injured	B	injured	C	have injured	D	get injured