

# 第一阶段

## 基础长难句学习

【day1】	经典长难句	1-15
【day2】	经典长难句	16-30
【day3】	经典长难句	31-45
【day4】	经典长难句	46-60
【day5】	经典长难句	61-75

### 此阶段具体要求如下：

前2-3天可以直接听视频后再独立完成句子机构划分/主干翻译，后2天可先自己理解再听讲解，暴露问题，有目的性听效果更佳；

【视频带练】建议边听边思考，要暂停做笔记，看完omar视频讲解后，需自己再重新做一遍，自测是否搞透所学内容，将老师所教转为自身能力。

1. His talent and devotion to the subject was perceived by his teacher, Thomas Hall, who encouraged him to attend a series of lectures given by the eminent scientist Michael Faraday at the Royal Institution.

单词：devotion 奉献

perceive 感知

eminent 杰出的

主干翻译：\_\_\_\_\_

2. In addition to the reptiles, birds, mammals and insects which we see all around us, other groups that have succeeded out of water include scorpions, snails, crustaceans such as woodlice and land crabs, millipedes and centipedes, spiders and various worms.

单词：in addition to 除...之外

scorpion 蝎子

crab 蟹

主干翻译：\_\_\_\_\_

3. In other words, the life form we are looking for may well have two green heads and seven fingers, but it will nevertheless resemble us in that it should communicate with its fellows, be interested in the Universe, live on a planet orbiting a star like our Sun, and perhaps most restrictively, have a chemistry, like us, based on carbon and water.

单词：nevertheless 然而

resemble 像...

orbit 绕轨道运行

restrictively 限制性地

主干翻译：\_\_\_\_\_

4. It is even possible that the older civilization may pass on the benefits of their experience in dealing with threats to survival such as nuclear war and global pollution, and other threats that we haven't yet discovered.

单词：threat 威胁

civilization 文明

主干翻译：\_\_\_\_\_

5. In common with all mammals, reptiles and birds, their remote ancestors were marine fish and before that various more or less worm-like creatures stretching back, still in the sea, to the primeval bacteria.

单词：in common with 与...一样

stretch back to 追溯到

primeval 原始的

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

6. Hearing impairment or other auditory function deficit in young children can have a major impact on their development of speech and communication, resulting in a detrimental effect on their ability to learn at school.

单词： impairment 损害      auditory 听觉的      deficit 缺陷      detrimental 有害的

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

7. Modern teaching practices, the organization of desks in the classroom, poor classroom acoustics, and mechanical means of ventilation such as air-conditioning units all contribute to the number of children unable to comprehend the teacher's voice.

单词： acoustics 音响效果      mechanical means 机械装置      ventilation 通风设备  
comprehend 理解

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

8. The International Institute Of Noise Control Engineering (I-INCE), on the advice of the World Health Organization, has established an international working party, which includes New Zealand, to evaluate noise and reverberation control for school rooms.

单词： on the advice of 依照...的建议      evaluate 评价，估计      reverberation control 回响控制

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

9. While the detrimental effects of noise in classroom situations are not limited to children experiencing disability, those with a disability that affects their processing of speech and verbal communication could be extremely vulnerable.

单词： detrimental effect 有害作用      verbal 口头的      vulnerable 易受伤的，脆弱的

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

10. The attention deficit disorders are indicators of neurological and genetic disorders and are characterized by difficulties with sustaining attention, effort and persistence, organization skills and disinhibition.

单词： disorder 混乱      neurological 神经学的      be characterized by 以...为特征  
sustain 持续      persistence 坚持      disinhibition 去抑制；解除

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

11. Objective 3 of the New Zealand Disability Strategy is to “Provide The Best Education For Disabled People” by improving education so that all children, youth learners and adult learners will have equal opportunities to learn and develop within their already existing local school.

单词： objective 目标      strategy 策略      existing 现存的

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

12. In the 1940s, he single-handedly created an entire science of communication which has since inveigled its way into a host of applications, from DVDs to satellite communications to bar codes— any area, in short, where data has to be conveyed rapidly yet accurately.

单词： inveigle 诱使      a host of 大量      bar code 条形码      convey 传达

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

13. As recently as 1993, engineers made a major breakthrough by discovering so-called turbo codes— which come very close to Shannon’s ultimate limit for the maximum rate that data can be transmitted reliably, and now play a key role in the mobile videophone revolution.

单词： breakthrough 突破      so-called 号称...的      transmit 传输      revolution 革命

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

14. Turning her attention to minerals, she found her interest drawn to pitchblende, a mineral whose radioactivity, superior to that of pure uranium, could be explained only by the presence in the ore of small quantities of an unknown substance of very high activity.

单词： superior to 比...好      ore 矿      substance 物质

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

15. During World War I, Marie Curie, with the help of her daughter Irene, devoted herself to the development of the use of X-radiography, including the mobile units which came to be known as 'Little Curies', used for the treatment of wounded soldiers.

单词： devote to 致力于      X-radiography X射线      wounded 受伤的

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

16. An accident that occurred in the skies over the Grand Canyon in 1956 resulted in the establishment of the Federal Aviation Administration (FAA) to regulate and oversee the operation of aircraft in the skies over the United States, which were becoming quite congested.

单词： accident 事故      result in 导致      regulate 管理  
oversee 监督      congested 拥挤的

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

17. According to archaeological evidence, at least 5,000 years ago, and long before the advent of the Roman Empire, the Babylonians began to measure time, introducing calendars to coordinate communal activities, to plan the shipment of goods and, in particular, to regulate planting and harvesting.

单词： archaeological 考古学      advent 出现      measure 测量      coordinate 协调  
communal activities 公共的活动      harvest 收获

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

18. The Commonwealth Institute of Biological Control (CIBC) in Bangalore, with its global network of research laboratories and field stations, is one of the most active, non-commercial research agencies engaged in pest control by setting natural predators against parasites.

单词： be engaged in 忙于      predator 捕食者      parasite 寄生虫

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

19. Those who are professionally engaged in the art of interpreting history are thus in a difficult position, as they must steer a narrow course between the demands of 'evidence' and 'attractiveness', especially given the increasing need in the heritage industry for income-generating activities.

单词： interpret 说明      steer 驾驶；控制      heritage 传统      given 考虑到

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

20. They based their calendars on three natural cycles: the solar day, marked by the successive periods of light and darkness as the earth rotates on its axis; the lunar month, following the phases of the moon as it orbits the earth; and the solar year, defined by the changing seasons that accompany our planet's revolution around the sun.

单词： successive 连续的      rotate 旋转      axis 轴  
phase 月相      orbit 绕...轨道而行      revolution 旋转

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

21. If a life span is a genetically determined biological characteristic, it is logically necessary to propose the existence of an internal clock, which in some way measures and controls the ageing process and which finally determines death as the last step in a fixed programme.

单词： logical 合逻辑的      propose 建议      ageing process 老化过程      determine 决定

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

22. In the face of the escalating perils from indiscriminate applications of pesticides, a more effective and ecologically sound strategy of biological control, involving the selective use of natural enemies of the pest population, is fast gaining popularity— though, as yet, it is a new field with limited potential.

单词： escalating 逐步升高的      peril 危险      indiscriminate 任意的  
pesticide 杀虫剂      sound 合理的

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

23. But that their minds are not different from our own is demonstrated by the fact that the hard-won discoveries of scientists like Kepler or Einstein become the commonplace knowledge



of schoolchildren and the once outrageous shapes and colors of an artist like Paul Klee so soon appear on the fabrics we wear.

单词： demonstrate 证明      hard-won 来之不易的      commonplace 普遍的  
outrageous 反常的;      fabric 布料

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

24. We may envy their achievements and fame, but we should also recognize the price they may have paid in terms of perseverance, single-mindedness, dedication, restriction on their personal lives, the demands upon their energies and time, and how often they had to display great courage to preserve their integrity or to make their way to the top.

单词： perseverance 坚持不懈      single-minded 专心的      dedication 奉献  
restriction 约束      integrity 正直

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

25. To archaeology, which studies all cultures and periods, whether with or without writing, the distinction between history and pre-history is a convenient dividing line that recognize the importance of the written word, but in no way lessens the importance of the useful information contained in oral histories.

单词： distinction 区别      in no way 绝不      lessen 减轻

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

26. The problem of how health-care resources should be allocated or apportioned, so that they are distributed in both the most just and most efficient way, is not a new one.

单词： allocate 分配      apportion 分配      distribute 分配

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

27. Every health system in an economically developed society is faced with the need to decide (either formally or informally) what proportion of the community's total resources should be spent on health-care; how resources are to be apportioned; what diseases and disabilities and which forms of treatment are to be given priority; which members of the community are to be

given special consideration in respect of their health needs; and which forms of treatment are the most cost-effective.

单词： priority 优先      considerable 相当大的      in respect of 关于；涉及  
cost-effective 划算的

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

28. Such expansion, which was to take the English language west to America and east to India, was supported by scientific developments such as the discovery of magnetism (and hence the invention of the compass), improvements in cartography and – perhaps the most important scientific revolution of them all– the new theories of astronomy and the movement of the Earth in relation to the planets and stars, developed by Copernicus(1473–1543)

单词： expansion 扩大      magnetism 磁性      compass 指南针  
revolution 革命      astronomy 天文学

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

29. Thus, in the 1950s and 1960s, there emerged an awareness in Western societies that resources for the provision of fossil fuel energy were finite and exhaustible and that the capacity of nature or the environment to sustain economic development and population was also finite.

单词： emerge 出现      fossil fuel 化石燃料      exhaustible 可耗尽的  
capacity 容量      sustain 维持      finite 有限的

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

30. All warm-blooded animals make constant tiny adjustments in arousal in response to external events, but humans, who have developed a much more complicated internal life as a result of language, respond emotionally not only to their surroundings, but to their own thoughts.

单词： tiny 极小的      adjustment 调整      complicated 复杂的  
respond to 对...的反应      surroundings 环境      arousal 唤醒；反应

主干翻译： \_\_\_\_\_  
\_\_\_\_\_



31. Like education, political and legal process and institutions, public order, communication, transport and money supply, health-care came to be seen as one of the fundamental social facilities necessary for people to exercise their other rights as autonomous human beings.

单词： institution 公共机构      fundamental 基本的      autonomous 自治的

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

32. The second set of more specific changes that have led to the present concern about the distribution of health-care resources stems from the dramatic rise in health costs in most OECD countries, accompanied by large-scale demographic and social changes which have meant, to take one example, that elderly people are now major (and relatively very expensive) consumers of health-care resources.

单词： stem from 起源于      demographic 人口统计学的

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

33. A few years ago, in one of the most fascinating and disturbing experiments in behavioural psychology, Stanley Milgram of Yale University tested 40 subjects from all walks of life for their willingness to obey instructions given by a leader in situation in which the subjects might feel a personal distaste for the actions they were called upon to perform.

单词： subject 被试者      disturbing 令人不安的      instruction 命令,指示      distaste 厌恶

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

34. By the age of three, the children in the programme were significantly more advanced in language development than their peers, had made greater strides in problem solving and other intellectual skills, and were further along in social development.

单词： stride 进展      intellectual 智力的

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

35. When hill-farmers, for example, can make more money in a few weeks working as porters for foreign trekkers than they can in a year working in their fields, it is not surprising that many of them give up their farm-work, which is thus left to other members of the family.

单词： trekker 旅行者

主干翻译： \_\_\_\_\_

36. While two fifths of the students provided the information that the rainforests provide oxygen, in some cases this response also embraced the misconception that rainforests destruction would reduce atmospheric oxygen, making the atmosphere incompatible with human life on Earth.

单词： embrace 包含      misconception 误解      incompatible 不相容的

主干翻译： \_\_\_\_\_

37. These observations are generally consistent with our previous studies of pupils' view about the use and consideration of rainforests, in which girls were shown to be more sympathetic to animals and expressed views which seem to place an intrinsic value on non-human animal life.

单词： consistent 一致的      sympathetic 同情的      intrinsic 内在的      instinct 直觉

主干翻译： \_\_\_\_\_

38. His thesis works relatively well when applied to discrimination against Blacks in the United States, but his definition of racial prejudice as "racially-based negative prejudgments against a group generally accepted as a race in any given region of ethnic competition," can be interpreted as also including hostility toward such ethnic groups as the Chinese in California and the Jews in medieval Europe.

单词： discrimination 歧视      racial prejudice 种族偏见      prejudgment 预判  
ethnic 种族的      interpret 解释      hostility 敌意

主干翻译： \_\_\_\_\_

39. The MSC then appoints a certification committee, composed of a panel of fisheries experts, which gathers information and opinions from fishermen, biologists, government officials, industry representatives, non-governmental organizations and others.

单词： appoint 任命      committee 委员会      a panel of 一组      representative 代表

主干翻译： \_\_\_\_\_

40. There are several steps that can be taken, of which the chief one is to demand of all the organizations that exist with the declared objectives of safeguarding the interests of animals that they should declare clearly where they stand on violence towards people.

单词： chief 主要的                  declare 宣布;声明                  objective 目标  
subjective 主观的                  safeguard 保护

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

41. During the nineteenth century, she argues, the concept of the 'useful' child who contributed to the family economy gave way gradually to the present day notion of the 'useless' child who, though producing no income for, and indeed extremely costly to its parents, is yet considered emotionally 'priceless'.

单词： contribute to 有助于                  notion 概念                  give way to 给...让路

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

42. With the Cooperative Research Centre for Micro Technology in Melbourne, they are developing unobtrusive sensors that will be embedded in an athlete's clothes or running shoes to monitor heart rate, sweating, heat production or any other factor that might have an impact on an athlete's ability to run.

单词： unobtrusive 不明显的                  embed 嵌入                  sweat 发汗

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

43. The numeration system of the Tsimshian language in British Columbia contains seven distinct sets of words for numbers according to the class of items being accounted: for accounting flat objects and animals, for round objects and time, for people, for long objects and trees, for canoes, for measures, and for counting when no particular object is being numerated.

单词： numeration 计算                  distinct 有区别的                  canoe 独木舟

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

44. Eliminating the secrecy surrounding pay by openly communicating everyone's remuneration, publicizing performance bonuses and allocating annual salary increase in a lump sum rather than

spreading them out over an entire year are examples of actions that will make rewards more visible and potentially more motivating.

单词：eliminate 消除      remuneration 报酬      bonus 奖金  
allocate 分配      a lump sum 一整笔钱      reward 奖赏

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

45. During the period, researchers from the Liverpool School of Tropical Medicine, the Central American Institute of Health in Nicaragua, the National Autonomous University of Nicaragua and the Costa Rican Institute of Health interviewed nearly 3,000 women, some of whom had learnt to read as children, some during the literacy crusade and some who had never learnt at all.

单词：literacy 读写能力      literate 受过教育的      illiterate 文盲      crusade 改革运动  
主干翻译： \_\_\_\_\_  
\_\_\_\_\_

46. Assertiveness training for pupils who are liable to be victims is worthwhile, and certain approaches to group bullying such as 'no blame', can be useful in changing the behavior of bullying pupils without confronting them directly, although other sanctions may be needed for those who continue with persistent bullying.

单词：assertive 坚定的      be liable to 有...倾向的      victim 受害人  
worthwhile 值得的      bullying 欺凌      persistent 持续的      sanction 处罚

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

47. Evidence suggests that a key step is to develop a policy on bullying, saying clearly what is meant by bullying, and giving explicit guidelines on what will be done if it occurs, what records will be kept, who will be informed, what sanctions will be employed.

单词：explicit 明确的      guideline 指导方针

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

48. It would have been easy to criticize the MIRTTP for using the early phase a 'top-down' approach, in which decisions were made by experts and officials before being handed down to communities, but it was necessary to start the process from the level of the governmental authorities of the district.

单词：criticize 评论      phase 阶段      authority 权威      district 区域

主干翻译：\_\_\_\_\_

49. A natural predator indigenous to India, Neodumetiasangawani, was found useful in controlling the Rhodes grass-scale insect that was devouring forage grass in many parts of the US.

单词：predator 捕食者      prey 捕食      indigenous 本土的  
devour 毁灭      forage grass 饲草

主干翻译：\_\_\_\_\_

50. In a related development, the sharp distinction between museum and heritage sites on the one hand, and theme park on the other, is evaporating.

单词：distinction 区别      heritage 遗产      evaporate 蒸发

主干翻译：\_\_\_\_\_

51. These discoveries have led to the field known as neuroeconomics, which studies the brain's secrets to success in an economic environment that demands innovation and being able to do things differently from competitors.

单词：known as 以...而著称      refer to as = be called = be known as 把...称作  
innovation 创新

主干翻译：\_\_\_\_\_

52. Other codes have become part of everyday life—such as the Universal Product Code, or bar code, which uses a simple error-detecting system that ensures supermarket check-out lasers can read the price on, say a crumpled bag of crisp.

单词：bar code 条形码      detect 发现      crumpled 弄皱的

主干翻译：\_\_\_\_\_

53. This has been seen by many to be the aspect of the self which is most influenced by social elements, since it is made of social roles (such as student, brother, colleague) and

characteristics which derive their meaning from comparison or interaction with other people (such as trustworthiness, shyness, sporting ability).

单词： comparison 比较      interaction 互动      derive from 来自      trustworthy 可靠的

主干翻译： \_\_\_\_\_

54. Research with creative scientists by Simonton brought him to the conclusion that above a certain high level, characteristics such as independence seemed to contribute more to reaching the highest level of expertise than intellectual skills, due to the great demands of effort and time needed for learning and practice.

单词： contribute to 有助于      expertise 专业技能      intellectual 智力的

主干翻译： \_\_\_\_\_

55. For Britain, the year as a whole is likely to be the warmest ever recorded, but despite the high temperature record on 10 August, the summer itself— defined as the June, July and August period— still come behind 1976 and 1995, when there were longer periods of intense heat.

单词： likely 可能      likelihood = possibility 可能性      intense 强烈的

主干翻译： \_\_\_\_\_

56. It is considered so exceptional that Professor Phil Jones, the CRU's director, is prepared to say openly— in a way few scientists have done before— that the 2003 extreme may be directly attributed, not to natural climate variability, but to global warming caused by human actions.

单词： exceptional 杰出的      attributed to 归因于      variability 变化

主干翻译： \_\_\_\_\_

57. Based on this approach, Brenda Milner and the late Theodore Rasmussen of the Montreal Neurological Institute published a major study in 1975 that confirmed the theory that country doctor Dax had formulated nearly 140 years earlier: in 96 percent of right-handed people, language is processed much more intensely in the left hemisphere.

单词： confirm 证实      formulate 构想      process 处理      hemisphere 半球



主干翻译： \_\_\_\_\_  
\_\_\_\_\_

58. This system, however, did not apply to construction or seasonal occupations, which followed a six-day week, or to factories or mines which had to close regularly for maintenance: they also have a six-day week, whether interrupted ( with the same day off for everyone) or continuous.

单词： occupation 工作      maintenance 维护      interrupt 打断      continuous 连续的

主干翻译： \_\_\_\_\_  
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59. Both nursery rhymes, selected by James Orchard Halliwell for a folklore society in 1842, and collection of fairy-stories by the scholarly Grimm brothers, swiftly translated into English in 1823, soon rocket to popularity with the young, quickly leading to new editions, each one more child-centered than the last.

单词： nursery rhyme 童谣,儿歌      folklore 民间传说;民俗      fairy story 神话      rocket 极速上升

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

60. That writers of these works are now often recommended to the attentions of adults as well as child readers echoes the 19th-century belief that children's literature can be shared by the generations, rather than being a defensive barrier between childhood and the necessary growth towards adult understanding.

单词： recommend 推荐      echo 效仿      defensive 防御的      barrier 障碍

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

61. Workplace environment can affect which communication style is most effective.

单词： workplace 工作场所

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

62. The monkey projects demonstrate that, compared with control animals that eat normally, caloric-restricted monkeys have lower body temperatures and levels of the pancreatic hormone insulin, and they retain more youthful levels of certain hormones that tend to fall with age.

单词：pancreatic 胰腺的      hormone 激素      insulin 胰岛素

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

63. We are not yet in a position to make even preliminary estimates of answers to such fundamental questions as the extent to which the sea and the coast affected human life in the past, what percentage of the population at any time lived within reach of the sea, or whether human settlements in coastal environments showed a distinct characteristic from those inland.

单词：preliminary 初步的      estimate 估计

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

64. Mr King Hubbert, a Shell geologist of legendary status among experts, forecast in 1956 that oil production in the United States would peak in the early 1970s and then slowly decline, in something resembling a bell-shaped curve.

单词：legendary 传奇的      status 地位

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

65. Some people seek seeds for profit—hunters in the employ of biotechnology firms, pharmaceutical companies and private corporations on the lookout for species that will yield the drugs or crops of the future; others collect to conserve, working to halt the sad slide into extinction facing so many plant species.

单词：pharmaceutical company 制药公司      corporation 公司      halt 停止      slide 滑落

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

66. Another hypothesis suggests that decreased processing of glucose could indicate to cells that food is scarce (even if it isn't) and induce them to shift into an anti-aging mode that emphasizes preservation of the organism over such 'luxuries' as growth and reproduction.

单词：hypothesis 假说,假设      glucose 葡萄糖      scarce 缺乏的      anti-aging 抗衰老

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

67. The encroachment of the sea, the loss of huge areas of land now under the North Sea and the English Channel, and especially the loss of the land bridge between England and France which finally made Britain an island, must have been immediately significant factors in the lives of our prehistoric ancestors.

单词： encroachment 侵蚀

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

68. We're currently responsible for habitat destruction on an unprecedented scale, and during the past 400 years, plant species extinction rates have been about 70 times greater than those indicated by the geological record as being normal.

单词： destruction 破坏      unprecedented 空前的

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

69. The ants' achievement is remarkable— the biologist Edward O. Wilson has called it 'one of the major breakthroughs in animal evolution' — because it allows them to eat, courtesy of their mushroom's digestive powers, the otherwise poisoned harvest of tropical forests whose leaves are laden with terpenoids, alkaloids and other chemicals designed to sicken browsers.

单词： breakthrough 突破      courtesy 好意      laden with 充满      browser 吃嫩叶的动物

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

70. Countries still trade disproportionately with their geographic neighbours.

单词： disproportionately 不成比例地

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

71. On the other hand, the aim to create a robot like a human being is spurred on by dehumanized ideas — by the sense that human companionship can be substituted by machines; that humans lose their humanity when they interact with technology; or that we are a little more than surface and ritual behaviors, that can be stimulated with metal and electrical circuits.

单词： spur 激励      dehumanize 使丧失人性      humanity 人道;人性  
ritual 仪式的      circuit 电路

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

72. Despite the complicated dynamics of dune formation, Bagnold noted that a sand dune generally needs the following three things to form: a large amount of loose sand in an area with little vegetation—usually on the coast or in a dried-up river, lake or sea bed; a wind or breeze to move the grains of sand; and an obstacle, which could be as small as a rock or as big as a tree, that causes the sand to lose momentum and settle.

单词： dynamic 动态                      dune 沙丘                      loose 松的  
          vegetation 植物                      breeze 微风                      obstacle 障碍

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

73. Firefighters unions that then complained of dilapidated equipment, old fire engines, and insufficient blueprints for fire safety are now praising the state's commitment, noting that funding for firefighting has increased despite huge cuts in many other programs.

单词： firefighter 消防队员              dilapidated 破旧的; 年久失修的              blueprint 蓝图; 计划

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

74. Later, the English botanist Sir Joseph Banks—who was the first director of the Royal Botanic Gardens at Kew and travelled with Captain James Cook on his voyages near the end of the 18th century— was so driven to expand his collections that he sent botanists around the world at his own expense.

单词：        botanist 植物学家                      botanic 植物的

主干翻译： \_\_\_\_\_  
\_\_\_\_\_

75. Definitive proof of these new theories was obtained after an extraordinary series of experiments in Italy, where healthy people were introduced into malarial zones but kept free of mosquito bites—and remained well.

单词：        malarial 患疟疾的

主干翻译： \_\_\_\_\_  
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