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科学探索丛书

CIVILIZATIONS PAST TO PRESENT

文明的进程

外语教学与研究出版社 FOREIGN LANGUAGE TEACHING AND RESEARCH PRESS

ANN M. ROSS

## 致读者

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这套丛书秉承《国家地理》杂志图文并茂的特色,在书中配有大量精彩的图片,文字地道易懂、深入浅出,将科学性和趣味性完美结合,称得上是一套精致的小百科全书。特别值得一提的是本套丛书在提高青少年读者英语阅读能力的同时,还注重培养他们的科学探索精神、动手能力、逻辑思维能力和沟通能力。

本套丛书既适合学生自学,又可用于课堂教学。丛书各个系列均配有一本教师用书,内容包括背景知识介绍、技能训练提示、评估测试、多项选择题及答案等详尽的教学指导,是对课堂教学的极好补充。



国 家 地 理科学探索丛书



#### CIVILIZATIONS PAST TO PRESENT

文明的进程

# INDIA

印度



ANN M. ROSSI (美) 著

外语教学与研究出版社 FOREIGN LANGUAGE TEACHING AND RESEARCH PRESS 北京 BEIJING

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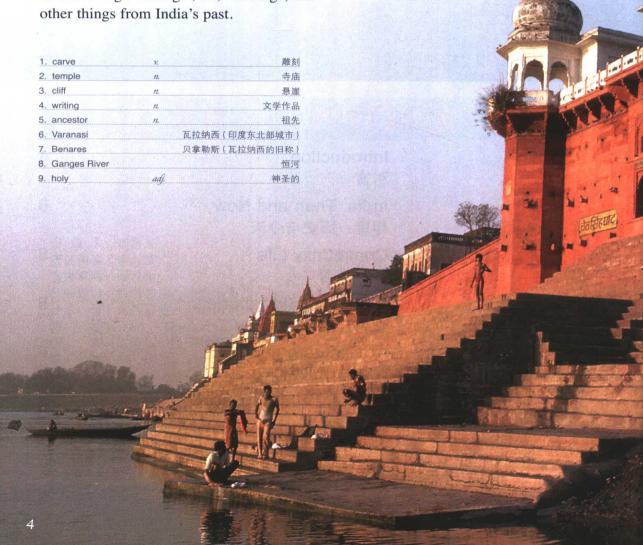
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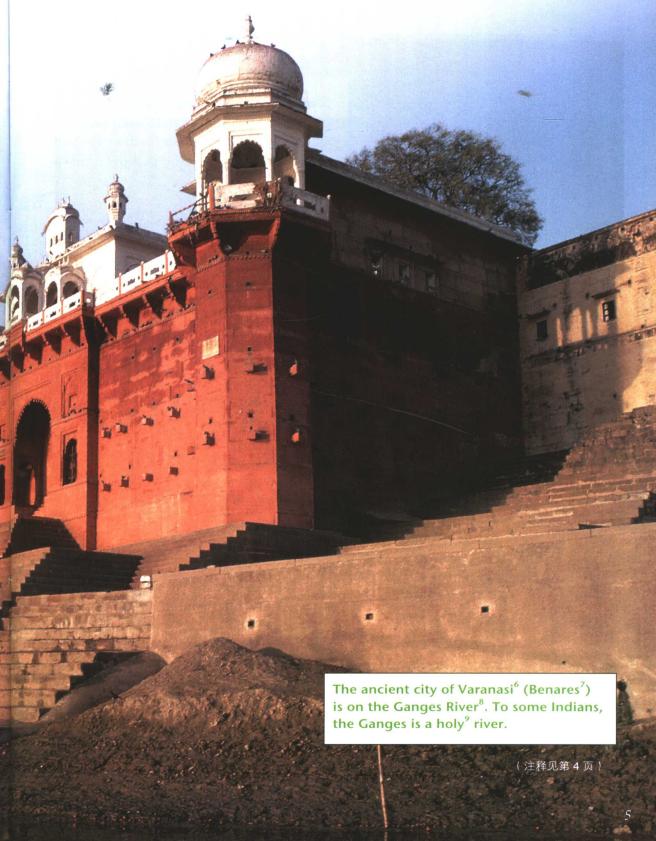
## INTRODUCTION 引言

o you like to play chess? Could you tell a story through dance? Could you carve¹ a temple² out of the side of a rock cliff³? These are some of the things that you might have done if you had lived in **ancient India**.

**Today**, many different groups of people live in India. They do some of the same things that their ancestors<sup>5</sup> did. They also do many new things. So, let's take a look at the people, history, and traditions of India, old and new.

People have lived in India for thousands of years. We can learn about life in **ancient India** through writings<sup>4</sup>, art, buildings, and other things from India's past.





## INDIA: THEN AND NOW

印度: 历史与今天



ndia is a large country in South Asia. More than one billion people live in India. Only China has more people.

India has many kinds of landforms<sup>2</sup>. It has parts of the tallest mountain range<sup>3</sup> in the world. It is called the Himalayas<sup>4</sup>. Some of the highest mountains in the world are in the Himalayas. Mount Qomolangma<sup>5</sup> is part of this range.

India also has rain forests<sup>6</sup>, fertile<sup>7</sup> plains, and a huge, hot desert<sup>8</sup>. Water surrounds<sup>9</sup> India on three sides. The most famous river in India is the Ganges.

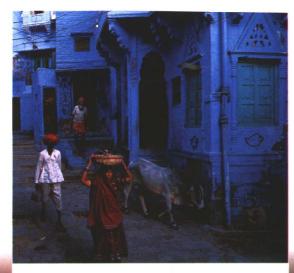
Many different ruling families have governed<sup>10</sup> India. One of the most

important was the Gupta<sup>11</sup> family. The period of the Gupta Empire is called India's golden age. During this period, people created many wonderful works of art. They also made great advances<sup>12</sup> in the sciences.

1 F	oillion	77.	十亿
	andform	n.	地貌
			山脉
S. 1	nountain rang	е	山脉
4. F	Himalayas		喜马拉雅山脉
5. N	Mount Qomola	ngma	珠穆朗玛峰
6. r	ain forest		(热带) 雨林
7. f	ertile	adj.	肥沃的
8. 0	lesert	n.	沙漠
9. s	urround	ν.	围绕:环绕
10. g	jovern	ν.	统治
11. (	Gupta	adj.	(公元4世纪至6世纪统治
			印度北部的)笈多王朝的
12. a	idvance	11.	进步:发展

**Today**, most of India's people live in villages and on farms. However, modern India has many large cities. Some cities have more than one million<sup>1</sup> people. Many of them work in offices and factories.

1.	million	п.	百万
2.	Bombay		孟买
3.	highway	n.	公路



Some people live in blue-colored houses in a town called Jodhpur.

In the large city of Bombay<sup>2</sup>, you will find beaches, modern tall buildings, and busy highways<sup>3</sup>.

## COMMUNITY LIFE 社会生活

#### **VILLAGE LIFE**

n **ancient times**, most Indians lived in villages. People built their villages around a well or a pond. They used the water for crops, for keeping clean, and for drinking. A wall or fence<sup>1</sup> around the village kept out wild animals<sup>2</sup>.

Most people were farmers. They rose with the sun and farmed until it was dark. Others worked at crafts<sup>3</sup>, such as weaving<sup>4</sup> or making pots<sup>5</sup>. The villagers made all the things that they needed.

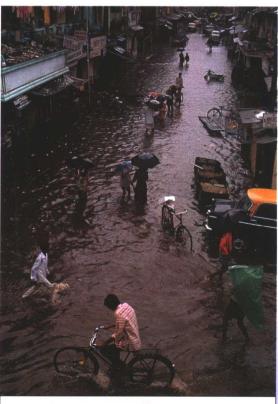
**Today**, most Indians are farmers. They live in villages much like those of long ago. However, many of them have electricity<sup>6</sup>. Some farmers also have running water<sup>7</sup>

## Then & Now

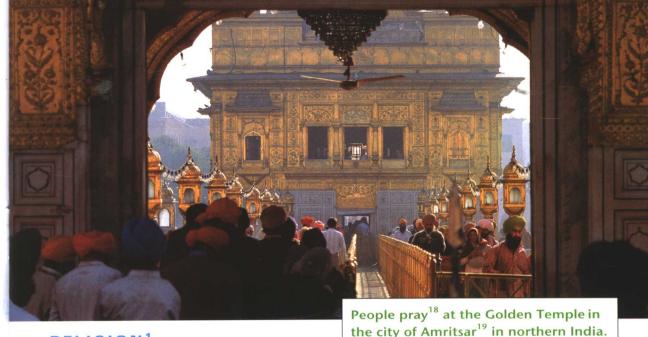
In India, winds called monsoons<sup>8</sup> bring heavy rains. In ancient times, people used the water from monsoons for the whole year! One storm could fill a large tank<sup>9</sup>. Today, farmers and villagers still get much of their water from monsoons. But many dams<sup>10</sup> have been built. These help to hold water.

and television. Many farmers use modern farming methods. They grow more food than ever before.

1.	fence	n.	栅栏
2.	wild animals		野生动物
3.	craft	n.	手艺
4.	weave	ν.	纺织
5.	pot	n.	罐
6.	electricity	n.	电
7.	running water		自来水
8.	monsoon	n.	(印度等地的) 西南季风
9.	tank	11.	水池
10.	dam	11.	水坝
11.	flood	ν.	淹没



Monsoon rains flood<sup>11</sup> city streets.



#### RELIGION<sup>1</sup>

Two of the world's great religions<sup>1</sup> began in India. Many people of the Gupta Empire believed in Hinduism<sup>2</sup> and Buddhism<sup>3</sup>.

Hinduism helped people know their place in society. Everyone belonged<sup>4</sup> to a caste<sup>5</sup>, or social group. You were born into your caste. Your caste might have been the rulers and warriors<sup>6</sup>. It might have been the farmers. There were hundreds of castes. **Today**, many people worship<sup>7</sup> the Hindu<sup>8</sup> gods. But the caste system<sup>9</sup> is less important than it once was.

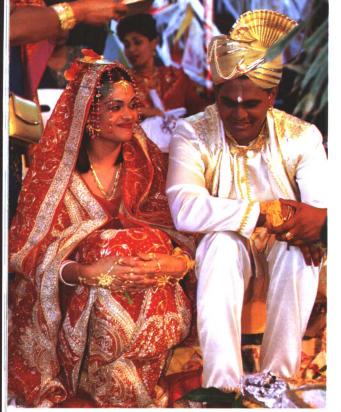
Buddhists<sup>10</sup> follow the teachings<sup>11</sup> of a man from ancient India. He was Siddhartha Gautama<sup>12</sup>. He is now known as the Buddha<sup>13</sup>.

**Today**, another great religion is followed in India. This is Islam<sup>14</sup>. Its believers follow the teachings of Muhammad<sup>15</sup>.

Islam began in Arabia<sup>16</sup> and later spread to India.

About 80 percent of Indians are Hindu today. About 12 percent are Muslim<sup>17</sup>. Muslims are people who believe in Islam. Few Indians today are Buddhists.

1. religion	11.	宗教
2. Hinduism	11.	印度教
3. Buddhism	11.	佛教
4. belong	ν.	属于
5. caste	11.	种姓
6. warrior	n.	土
7. worship	ν,	崇拜
8. Hindu	adj.	印度教的
9. system	n.	制度
10. Buddhist	11.	佛教徒
11. teaching	11.	• [~s] 教义
12. Siddhartha Gautama	ı	悉达多 乔答摩(佛教创始人
		释迦牟尼的本名)
13. Buddha		佛陀
14. Islam	n.	伊斯兰教
15. Muhammad		穆罕默德(伊斯兰教创立人)
16. Arabia		阿拉伯半岛
17. Muslim	11.	穆斯林
18. pray	ν.	折祷
19. Amritsar		阿姆利则



#### Bride<sup>3</sup> and groom<sup>4</sup> at a Hindu wedding

usually married by the age of 16. Often they did not meet their husbands until their wedding day.

**Today**, many people live in big families. However, the number of small families—just parents and children—is growing. Most parents still arrange<sup>2</sup> their children's marriages. But some people choose their own husband or wife.

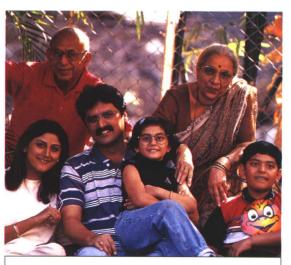
1. wedding	Л.	婚礼
2. arrange	Ť.	安排
3. bride	n.	新娘
4. groom	71.	新郎

#### **FAMILY LIFE**

Do you like doing things with your family? The family was important in **ancient India**. Parents, children, and grandparents often lived together in one home.

In most parts of India, grown sons took care of their parents. So, most parents hoped to have sons. A grown son lived with his parents, brothers, and unmarried sisters. When a son married, he and his wife lived with his parents. Their children became part of this large family.

In **ancient India**, parents chose husbands or wives for their children. Girls were



An Indian family of grandparents, parents, and children

#### SCHOOL

In **ancient India**, boys from rich families went to school. Hindu boys left home between the ages of 8 and 12. They lived and studied with a teacher or at a monastery<sup>1</sup>. They learned many religious teachings. They studied law and literature<sup>2</sup>. They also studied medicine, math, and astronomy<sup>3</sup>. They finished their studies by their early twenties.

Most girls stayed at home. They learned to cook and do other household<sup>4</sup> chores<sup>5</sup>.

A class outside on a sunny day

Girls from rich families sometimes learned to read and write. They also learned dancing, singing, and painting.

**Today**, education is free for all children ages 6 through 14. Children do not have to leave home to go to school. Many children leave school while they are still young. They go to work or help their families.

1. monastery	n.	寺院
2. literature	11.	文学
3. astronomy	n.	天文学
4. household	adj.	家庭的
5. chore	n.	[~s] 家庭杂务



#### CLOTHES

The climate<sup>1</sup> in most parts of India is hot. So, people wear loose<sup>2</sup>, light clothes. Often the clothes are white. Other times they are bright colors. Indians have dressed for the heat for thousands of years.

Many women wear a sari<sup>3</sup>. This is a long piece of cloth that is worn like a dress. One end of the cloth is wrapped<sup>4</sup> around the waist<sup>5</sup> to form a skirt. The other end is draped<sup>6</sup> over one shoulder. Sometimes women drape one end of a sari over their head.

Men might wear a dhoti<sup>7</sup>. This is a long piece of cloth wrapped around the thighs<sup>8</sup> and then pulled up between the legs. Indian men sometimes wear a turban<sup>9</sup> on their head. Both men and women wear rings and armbands<sup>10</sup>. They also wear

earrings11 and nose rings.

Many men wear traditional clothes. Others wear shirts and pants<sup>12</sup>. In the cities, some men wear suits<sup>13</sup>. Women sometimes wear dresses or other business clothes. Children often wear uniforms<sup>14</sup> to school. They wear T-shirts, jeans, skirts, and blouses<sup>15</sup> when they are home.

1. climate	11.	气候
2. loose	adj.	宽松的
3. sari	11.	(印度女人披在身上的) 莎丽
4. wrap	ν.	裏:缠绕
5. waist	11.	腰
6. drape	ν.	披在上
7. dhoti	n.	(印度男人用的) 缠腰布
8. thigh	11.	大腿
9. turban	11.	包头巾
10. armband	11.	臂环
11. earring	11.	耳环
12. pants	11.	[复] 裤子
13. suit	11.	(一套)衣服
14. uniform	п.	校服
15. blouse	17.	罩衫
16. pajamas	11.	[复] 睡衣裤: (印度和巴基斯坦
		穆斯林男女围腰而系的)宽松裤
17. teenager	11.	青少年



A man working in a sari store



FOOD

A woman selling spices in a market

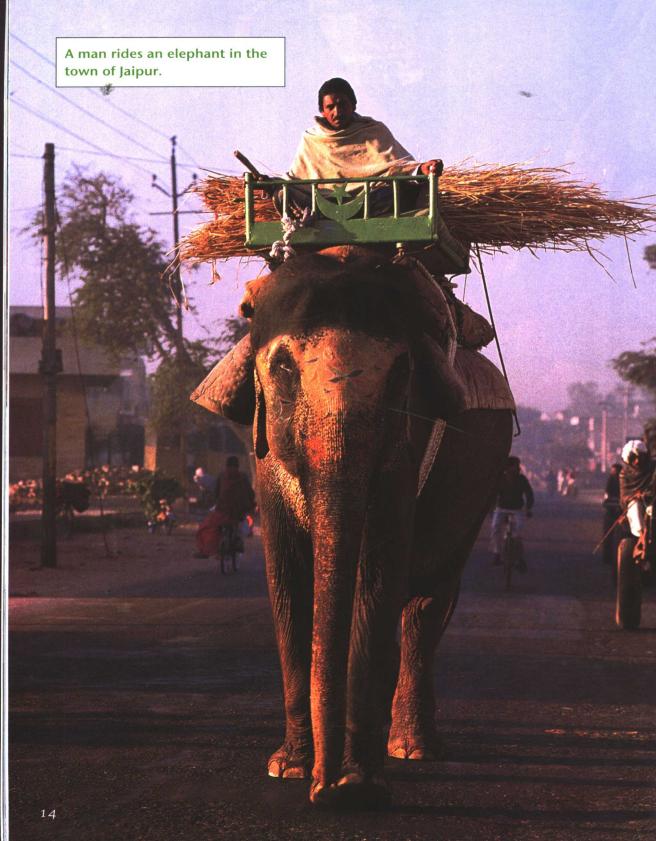
In **ancient India**, many people did not eat meat. Buddhists did not eat meat because they did not want to hurt animals. Hindus did not eat beef. They believed that cows were sacred<sup>1</sup> animals. People ate lots of vegetables, fruit, and dairy products<sup>2</sup>. They also ate grains<sup>3</sup>, such as wheat and rice, or lentils<sup>4</sup>.

**Today**, many Indians eat grains and vegetable dishes. Hindus do not eat beef, and Muslims do not eat pork.

Indians eat different kinds of foods, depending on where they live. Along the coast, people enjoy fish. In some places, people soak<sup>5</sup> chicken or lamb in yogurt<sup>6</sup> and spices<sup>7</sup>. Then they cook the meat in a clay oven<sup>8</sup> called a tandoor<sup>9</sup>.

Cooks in southern India like to use coconut<sup>10</sup>. Throughout India, people season<sup>11</sup> their food with fragrant<sup>12</sup> spices. Saffron<sup>13</sup>, a yellow spice, is very popular.

1.	sacred	adj.	神圣的
2.	dairy products		[复] 乳制品
3.	grain	17.	谷物
4.	lentil	11.	兵豆 (指小扁豆属植物)
5.	soak	14	浸渍
6.	yogurt	17.	酸奶
7.	spice	11.	香料
8.	clay oven		泥炉
9.	tandoor	11.	(印度唐杜里烹饪法中使
			用的)圆筒形泥炉
10.	coconut	n.	椰子
11.	season	ν.	给调味
12.	fragrant	adj.	香的
13.	saffron	n.	藏红花 (番红花的别名)



## TRADE AND TRANSPORTATION

o you like spicy food? The people of **ancient India** did. But they were not the only ones who liked spices. The ancient Greeks<sup>1</sup>, Romans<sup>2</sup>, and Egyptians<sup>3</sup> traveled to India to buy spices. Arabs<sup>4</sup> and the Chinese went to India for spices too. Traders came by land and by sea. They bought pepper<sup>5</sup> and other spices, such as cinnamon<sup>6</sup> and ginger<sup>7</sup>. Do you know what black gold is? It is pepper! Long ago, it was as valuable as gold!

Merchants<sup>8</sup> from other lands bought or traded for Indian goods<sup>9</sup> too. They took home rice, monkeys, cotton cloth, and metalwork<sup>10</sup>. They also traded for perfume<sup>11</sup>, ivory<sup>12</sup>, gems<sup>13</sup>, and jewelry<sup>14</sup>. Some traders came by boat along India's rivers and its coasts. On land, people in ancient India traveled by walking. They also traveled by ox-drawn<sup>15</sup> cart<sup>16</sup>, horse, camel, and elephant.

**Today**, India is an important producer of iron and steel. Factories make cars, bicycles, foods, paper, and other things. India exports<sup>17</sup>, or sells to other countries, many of the same goods as it did in ancient times. These goods are spices, rice, cotton cloth, and jewelry.

Modern India exports some different

### 贸易与交通

goods too. They include cut diamonds<sup>18</sup>, chemicals<sup>19</sup>, sugarcane<sup>20</sup>, tea, and leather<sup>21</sup> goods. India imports<sup>22</sup> goods, such as oil and machinery<sup>23</sup>.

Modern India has one of the largest railway systems in the world and many airports. People also travel by bicycle, motorbike<sup>24</sup>, bus, and car. Some people travel the same way people of long ago did. They walk or travel by ox-drawn cart, boat, or elephant.

1. Greek	n.	希腊人
2. Roman	n.	罗马人
3. Egyptian	n.	埃及人
4. Arab	п.	阿拉伯人
5. pepper	п.	胡椒
6. cinnamon	n.	肉桂
7. ginger	п.	姜
8. merchant	77.	商人
9. goods	n.	[复] 货物
10. metalwork	п.	金属制品
11. perfume	n.	香水
12. ivory	n.	象牙
13. gem	n.	宝石
14. jewelry	n.	珠宝
15. ox-drawn	adj.	牛拉的
16. cart	n.	大车
17. export	ν.	出口
18. diamond	n.	钻石
19. chemical	n.	化学制品
20. sugarcane	n.	甘蔗
21. leather	adj.	皮制的
22. import	ν.	进口
23. machinery	n.	机械: 机器
24. motorbike	n.	轻型摩托车
25. crocus	n.	番红花

Saffron is a fragrant spice made from the crocus<sup>25</sup> flower.