

INDIAN SCHOOL MUSCAT
MIDDLE SECTION



SUBJECT: SCIENCE

TOPIC: AGE OF ADOLESCENCE

REF TEXT: NCERT- Science Text book for class 8

REVISION WORKSHEET No. 13

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Name _____ Class VIII Sec _____

Q.1. Why is the voice of adolescent boys hoarse compared to girls of same age?

Q.2 . Why endocrine glands are termed ductless?

Q.3. Why young people get more acne and pimples?

Q.4. Why can humans reproduce only after a certain age?

Q.5. What controls the changes that occur during adolescence?

Q.6. It is important for adolescent to eat healthy diet. Why?

Q.7. Pituitary gland is called a master endocrine gland. Explain

Q.8. What determines the sex of a baby?

Q.9. What controls the reproductive function in insects and frogs?








Q.10. Define the terms: a) Puberty b) Adolescence

a) _____

b) _____

The Endocrine System in Humans

Endocrine glands are ductless glands that **secrete hormones** (chemical messengers) which carry **messages to particular organ or tissue** through the blood stream. These glands control **growth, development, metabolism and reproduction**. Endocrine glands secrete hormones in **response to external and internal stimuli**.

	Glands	Hormones	Functions
	Pituitary	Growth hormone	<ul style="list-style-type: none">Regulates growthControls the functioning of endocrine glands
	Thyroid	Thyroxine	<ul style="list-style-type: none">Controls the metabolism rateIt also brings about balanced growth
	Parathyroid	Parathormone	<ul style="list-style-type: none">Controls calcium balance of the body
	Adrenal	Adrenaline	<ul style="list-style-type: none">Prepares body for emergency
	Pancreas	Insulin	<ul style="list-style-type: none">Controls glucose level of the blood
	Testes	Testosterone	<ul style="list-style-type: none">Controls growth and development of male reproductive system
	Ovaries	Oestrogen, progesterone	<ul style="list-style-type: none">Controls growth and development of female reproductive system

