

# Population Growth and World Food Supplies

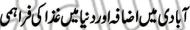




Table of Contents	Page No.
Section I: Words with Urdu Translation & Synonyms	177
Section II: Urdu Translation	
Paragraph wise:	
1. Over Population	
2. The Population Growth Per Day	179
3. The Requirement of Land for Food Supply	
<b>4.</b> The Requirement of Water for Crops	
<b>5.</b> The Requirement of fossil energy for food production	
<b>6.</b> The Use of Technology – Pros and Cons	
7. Strategies for the Future	
Section III: Textbook Exercise	
Glossary	
Vocabulary	
A. Words Meanings	
<b>B.</b> Make sentences of the following words.	
<b>C.</b> Complete the following sentences with the word beginning with prefix	183
dis- or un	
Reading Comprehension	
<b>A.</b> Answer the following questions	
<b>B.</b> Additional Questions	00
C. Graphic organizer showing cause and effect.	2) (()
Section IV: Grammar Subordinating Conjunctions	6700
A. Choose the appropriate conjunctions	187
<b>B.</b> Replace each adverb clause by an adverb or adverb phrase.	107
C. Underline the adverb clauses in the following sentences.	
<b>D.</b> Match the two clauses and make meaningful sentences.	
Section V: Oral Communication Skills	189
<b>A.</b> Preapre a group presentation on the following.	107
Section VI: Written Skills	
<b>A.</b> Write a précis of paragraph 6.	189
<b>B.</b> Write an essay on "Over Population".	

ENGLISH-10 176

# Section I: Words with Urdu Translation & Synonyms

# Paragraph wise meanings & synonyms of all important words in Unit-2:(K.B)

Words	Meanings	Synonyms	Words	Meanings	Synonyms
		Paragr	aph # 1		
Alarming		frightening, distressing	Biological		organic, living
Incessant		ceaseless, continuous, persistent	Resources	وسائل	means, facility
Growth		increase, expansion	Vulnerable	غير محفوظ	unprotected, unsafe
Population	آبادی	people, citizen	Per capita		Per head
Economic problems	ا قضادی مسائل	monetary issues, financial problems	Declining	تنزلی۔ کمی ہونا	decrease, reduce
Certainly	یقینی طور پر	surely, defin itely	Unprecedented	غیر متوقع۔ غیر معمول	Unexpected, unparalleled
Arable		suitable for cultivation	-	-	-
		Paragraph	n # 2 (K.B)		
Exponential growth	تيزترين_اضافه	Rapid, increasing very fast	Happening	واقعه	occurrence, inc ident
Par		Paragraph	n # 3 (K.B)		
Supply	فراہم کرنا	provide, endow	Fertile		productive, rich
Aquatic		pertaining to water	Requirements	ضر وريات	want, necessity
Habitats	Dom	to live, home	Depleted	ختم ہوا۔ کم ہوا	useless, washed out
Production	پیداوار	manufacture, making	Significantly	نمایاںطور پر	notably, extensively
Adequate	مناسب	sufficient, en ough	Agriculture	زراعت	farming , cultivation
Ample		plenty, abundant, enough	Shortage	قلت	scarcity, lack

Words	Meanings	Synonyms	Words	Meanings	Synonyms
		Paragraph	n # 4 (K.B)		
Critical		important, vital	Regions	علاقے	division, area
Crops	فصليس	harvest, yield	Associated	منسلک ہونا۔ منسوب ہونا	attached, affiliate
Massive		huge, enormous, immense	Occurring		happening, hap
Cultivation	ڪيتي	farming, planting	Irrigation	آبياش	rinse, wash out
Consume	صرف کرنا۔خرچ کرنا۔استعال کرنا	use, utilize	Populous		crowded, thickly populated
Competition	مقابله	opposition, rivalry	Maintaining	بر قرار ر کھنا	keep, sustain
		Paragraph	n # 5 (K.B)		
Fossil	بے جان۔ فوسل	dead, decayed	Pesticides	کیڑے مار دوائیں	chemicals
Prime	بڑا۔اہم ترین	basic, big	Substitute	متبادل	replacement, imitation
Intensive	انتہائی۔شدت سے	thorough, in- depth	Finite		limited, restricted
Fertilizers	کھادیں	plant food	Accelerates	بڑھتا ہے	Increase, quickening
-	-	N-80	Escalate	M	rise, shoot up, soar
		Paragraph	n # 6 (K.B)		
Effective	][][][]	helpful, valuable	Eroded	کٹی کچھٹی، فر سودہ۔ بنجر	spoiled, undermine
Unlimited	لا محدود	limitless, straight-out	Topsoil	مٹی کی اوپر والی تہہ	upper layer of mud
Raw materials	خام مال	unmanufactu red, original material	Compensate		pay off, give back

Words	Meanings	Synonyms	Words	Meanings	Synonyms
Sustained		durable, support	Integrity	700	uprightness
Enhance		increase, raise	Biodiversity		a vast range of plants and animals
		Paragraph	n # 7 (K.B)		
Strategies	حکمت عملیاں	plan, tactic	Optimum	بهترين	best, finest
Conservation		protection, preservation	Implemented	لا گوہوا	apply, imposed
Simultaneously		at the same time	Environment	ماحول	habitat, territory
Curtail		reduce, decrease	Essential	لازمي	necessary, vital
Relatively	نسبتاً	comparatively	- -	-	-

# Section II: Urdu Translation

## 1. Over Population (U.B)

1. The alarming and incessant growth of population is causing serious economic problems in almost all continents. Great pressure is being placed on arable land, water, energy, and biological resources. As the world population grows, the food problem will become increasingly severe. The most vulnerable will be population in developing countries. The per capita availability of food grains has been declining for the past 25 years. Certainly with a quarter million people being added to the world population each day, the need for grains and all other food will reach unprecedented levels.

Below, World population and its growth trends are given.

- 10,000 years ago, 10 million people
- By 1850, population was 1 billion
- 80 more years to reach 2 billion in 1930
- 45 years, it doubled again (4 billion in 1975)
  - 12 years to reach 5 billion (1987)
- 6 billion in 1999
- By the year 2020, there will be 8 billion

☆

آبادی میں خوفنا ک اورمسلسل اضافہ تقریباً تمام براعظموں کے لیے عکین معاشی مسائل کا باعث بن رہا ہے۔ قابل کاشت رقبے میں یانی، توانا ئی اور حیاتیاتی وسائل پرشدید دیا ؤیڑر ہاہے۔ جیسے ہی دنیا کیآ مادی میں اضافہ ہوتا ہے تو خوراک کا مسلدا نتہائی شدت اختیار کر جائے گا۔ ترقی پذیر ممالک کی آ با دی انتہائی غیرمحفوظ ہوجائے گی ۔گزشتہ تجیس سالوں میں غذائی اجناس کی فی کس دستیابی میں کی واقع ہورہی ہے ۔ یقیناً جب ہر دن دنیا کی آبادی میں اڑ ھائی لاکھ لوگوں کاا ضافہ ہوتو ،ا ناج اور دوسری قتم کی خوراک کی ضرورت غیر معمو لی حدوں تک پہنچ ذیل میں، دنیا کی آبادی اوراس میں اضافے کے رجحانات دیے جاتے ہیں۔ 1850ء تک، آبادی ایک ارب تھی۔  $\stackrel{\wedge}{\nabla}$ 1930ء میں دوارب تک پہنچنے میں 80 سال مزید لگ پنتاليس سالوں ميں بيدو گنا ہوگئ (1975ء ميں چارارب) ياخُ ارب تك يَبْنِي مِين باره سال لِكَ (1987ء) ☆ 1999ء میں چھارب  $\stackrel{\wedge}{\nabla}$ 2020ء تک، آٹھارے آبادی ہوگی ۔

## 2. The Population Growth Per Day (U.B)

2. There are about quarter of a million people added to the planet per day. This exponential growth is mostly happening in developing nations.

## 3. The Requirement of Land for Food Supply (U.B)

3. More than 99 percent of the world's food supply comes from the land, while less than 1 percent is from oceans and other aquatic habitats. The continued production of an adequate food supply is directly dependent on ample fertile land, fresh water and energy. As the human population grows, the requirements for these resources also grow. Even if these resources are never depleted, on a per capita basis they will decline significantly because they must be divided among more people. At present, fertile agricultural land is being lost at an alarming rate. The shortage of productive fertile land combined with decreasing land productivity is the major cause of current food shortages.

د<sub>ن</sub> کوخوراک کی فراہمی کا ننا نوے فیصد سے ز<sub>یا</sub>دہ زمین سے حاصل ہو<sub>تا</sub> ہے ، جبکہ ا<sub>کس</sub> فیصد سے بھی کم سمندراور دوسری آبی حیات سے حاصل ہوت<sub>ا</sub> خوراک کی هب ضرورت فرا ہمی کی سلسل بیداوارکا <sub>مر</sub>اہ را اور ا<sub>ست</sub>انحصار کافی زرخیز زمین ، <sub>تا</sub>زہ <sub>یا</sub>نی اورتوان کی پر ہے۔ جیسے جیسےان ای آیا دی میں اضافہ ہوتا ہے،اِن وسائل کی ضرورت بھی ہوھ جاتی ہے۔اَر چہ بیوسائل بھی ختم نہیں ہوتے، پھر بھی فی کس میاد پر وہ انتہائی حدسے کم ہوجا ئیں گے کیوند انہیں ز <sub>یا</sub>دہ لوگوں کے درمیان نقسیم کرن<sub>ے</sub> ہوگا۔موجودہ دور میں،زرخیز زرعی زمین خط<sub>رن</sub> ک شرح س<sub>ی</sub> ضائع ہورہی ہے۔موجودہ خوراک کی قلت کی <sub>م</sub>ڑی وجہ پیداواری زرمی زمین میں کمی کےساتھ ساتھ زمین کی پیداواری صلاحہ۔ " میں کمی ہون بھی ہے۔

## 4. The Requirement of Water for Crops (U.B)

**4.** Water is another critical item for all crops. Massive amount of water is required during the growing season for cultivation. In fact, agricultural production consumes more fresh water than any other human activity. In many countries, people are facing shortage of fresh water. Competition for water resources among individuals, regions, and countries and associated human activities is already occurring with the current world population. Water resources, critical for irrigation, are under great stress as populous cities, states and countries require and withdraw more water from rivers, lakes, and aquifers every year. A major threat to maintaining future water supplies is the continuing over-use of surface and ground water resources.

نی تمام فصلوں کے لیے اس اورا ہم وزوجے۔ کا شت کاری کے لیے فسلوں کی کا شت کے موسم میں بہت زردہ مقدار میں نی کی ضرورت ہوتی ہے۔ در حقیقت ، زری پیداوار کسی جھی ان کی سرمر می کی نسبت زیادہ نے ذہاں استعال کرتی ہے۔ بہت سے ملکوں میں ، لوگ نے وسائل حاصل کرنے کے لیے موجودہ دیں کی آیادی میں انفرادی کئے پی علاقوں اور مما لگ کے در میان اور یا ہم مسلک ان کی سرم میوں کے لیے پائی کے وسائل حاصل کرنے کے لیے مقابلہ پہلے ہی چاری ہے۔ پائی کے ذرائع جو کہ آبیا تی کے لیےا نتہائی اہم ہیں شد روں میں گین گئے ان آیاد شہروں ، ر کی ضروت ہوتی ہے اور دوہ ہر سال دریاؤں ، جسلوں اور چٹانوں سے وافر مقدار میں پائی نکال لیتے ہیں۔ ستقبل میں پی کی فراہمی کو مرار رکھنے میں سے سے مڑا خطرہ زمین ، اور زیر زمین موجود آبی وسائل کا مسلم ضرورت سے زیادہ استعمال ہے۔

## 5. The Requirement of Fossil Energy for Food Production (U.B)

**5.** Fossil energy is another prime resource used for food production. Nearly 80 percent of the world's fossil energy is being used by the developed countries. The intensive farming technologies of the developed countries use massive amounts of fossil energy fertilizers, pesticides, irrigation, and for machines as a substitute for human labour. In developing countries, fossil energy has been used primarily for fertilizers and irrigation to help maintain yields rather than to reduce human labour inputs. Because fossil energy is a finite resource, its depletion accelerates as population needs for food and services escalate. Thus, cost of fuel increases everywhere.

فوسل توان کی غذائی بیداوار کے طور پر استعال ہونے والا ای اورا ہم ذریعہ ہے۔ دنیا کی فوسل توان کی کا تقریباً اس فیصد ترقی افتہ مما لک استعال کررہے ہیں۔
ترقی افتہ مما لک میں بڑھتی ہوئی کاشت کاری کی ٹیکنالو تی ، کھادوں ، ہراثیم شاادو ہات ، آبیا تی کے لئے ، اوران کی مشقت کے متبادل کے طور پر مشینوں کیلئے
بر می مقدار میں فوسل توان کی استعال کرتے ہیں۔ تی بزر مما لک میں فوسل توان کی ابتدائی طور پر انہانی مشقت کو کم کرنے کی بجائے بیداوار کی شرح کو بر قرار
رکھنے میں مددینے کے لیے کھادوں اور آبیا تی میں استعال ہوتی رہی ہے۔ کیونکہ فوسل توان کی ایک محدود ذریعہ ہے، اس کی کمی میں اس رفتار سے اضافہ ہوتا ہے۔
جیسے جیسے آبادی کے لیے خوارک کی ضرورت اور خد مات کی شرح میں اضافہ ہوتا ہے۔ اسطرح ، ایندھن کی قیت میں ہر جگدا ضافہ ہوجا تا ہے۔

## 6. The Use of Technology – Pros and Cons (U.B)

**6.** Certainly improved technology will assist in more effective management and use of resources, but it cannot produce an unlimited flow of those vital natural resources that are the raw materials for sustained agricultural production. For instance, fertilizers enhance the fertility of eroded soils, but humans cannot make topsoil. Indeed, fertilizers made from finite fossil fuels are presently being used to compensate for eroded topsoil. A productive and sustainable agricultural system depends on maintaining the integrity of biodiversity.

یقیناً بہتر ٹیکنالوجی وسائل کے ز<sub>یا</sub>دہ موڑ انتظام اوراستعال میں مدد دے گی <sup>ا</sup>لیکن بیان اہم قدرتی وسائل کی لامحدود فراوانی کو بیدانہیں کرسکتی جو کہ مسلسل ور بلار کاوٹ زرعی پیداوار کے لیے خام مال کی حیثیت ر<sub>کھتے</sub> ہیں۔مثال کےطور پر ، کھادیں تباہ شدہ زمین کی زرخیزی میں اضافہ کرتی ہیں کیکن از مان زمین کی ہائی سطح کونہیں بنا سکتا۔درحقیت ،موجودہ دور میں محدود فوسل ایندھن سے تیار کی جانے والی کھادیں تباہ شدہ سطح زمین کو بہتر بنانے کے لیے ستعال کی جارہی ہیں۔اہمی پیداواری اور سلسل کے ساتھ چلنے والے زرعی نظام کا دارومدار مختلف اقسام کے حیاتیاتی تنوع کی سالمیت کو بر قرار ر<sub>کھتے ہی</sub>ہے۔

## 7. Strategies for the Future (U.B)

7. Strategies for the future must be based on the conservation and careful management of land, water, energy, and biological resources needed for food production. Yet none of these measures will be sufficient to ensure adequate food supplies for future generations unless the growth in the human population is simultaneously curtailed. Several studies have confirmed that to maintain a relatively high standard of living throughout the world, the optimum world population should be less than 2 billion. Therefore, from now until an optimum population is achieved, strategies for the conservation of land, water, energy, and biological resources are to be implemented effectively. Maintaining a sound and productive environment all over is essential.

مستقبل کی حکمت عملی زمین، پانی، توان کی اور غذائی پیداوار کے لیے ضروری حیاتیاتی ذرائع کے تحفظ اور مناسی انظام برمنی ہونی چاہیے۔ اس کے ہاوجود مستقبل کی نسلوں کے لیے حسب ضرورت فراہمی کو تینی بنانے کے لیے بیا قدامات کافی نہیں ہوئیگی جسس کہ اس کے ساتھ ساتھ انہائی آ ہادی میں اضافے کو بھی ندروکا جائے۔ مختلف تحقیقات نے بی تصدیق کی ہے کہ ساری دنیا میں زرگی کے نسبتاً اعلیٰ معیار کور قرار رکھنے کے لیے، دنیا کی آ ہادی کو دوارب سے کم کی سطح پر رقرار رکھا جانا چاہیے۔ اس لیے، اب سے لے کراس وقت تک دے مناسی آ ہادی کی حدحاصل نہ کرلی جائے، زمین، پانی اور حیاتیاتی ذرائع کے تحفظ کے لیے حکمت عملی کامؤر طریقے سے نفاذ کرنے کی ضرورت ہے۔ ہر جگہ ای صحت منداور مناسی ماحول کو رقرار رکھنا ضرورت کی ہے۔

# **Section III: Textbook Exercise**

# Glossary (U.B)

Words	Meanings in Urdu	Textual Meanings
Aquifers	آبی تهه دار چٹا نیں	a layer of rock or soil that can hold or transmit water
Arable	کاشت کے قابل	land used or suitable for growing crops
Critical	اتم	serious, important
Current	موجوده	present – day
Depleted	کی واقع ہو گئ	reduced, useless
Enhance	اضافہ کرنا۔ بڑھانا	improve, increase
Escalate	شدید کرنا۔ بڑھانا	to become or make something greater or more intense
Fossil	فوسل	an animal or plant that lived thousands of year ago and is preserved in rock or as a piece of rock
Integrity	سالميت	righteousness
Vulnerable	خطرے میں	in dangers

# Vocabulary (K.B)

## A. Give meaning of each word as used in the text.

Words	Meanings	Synonyms
Incessant		continuous
Adequate		sufficient
Integrity	nanally	righteousness
Declining	تنزلى ـ انحطاط پذير	decreasing
Pesticides		chemicals used for killing insects
Massive		Huge
Sustained	باقىربا	lasted
Eroded		destroyed/spoiled
Unprecedented	غير متوقع _ بے مثال	Unexpected, unparalleled

#### B. Make sentences of the following words. (U.B)

Words	Sentences		
Ample	There was ample food in the fortress to feed the people for a month.		
Depleted By taking some precautionary measures the virus of T.B has depleted throughout the world.			
Critical	The patient is in critical condition.		
Current The current situation is leading towards a disaster.			
Enhance	It is difficult to enhance your salary in the current situation.		
Optimum	He has planned to get optimum benefit from his new business.		

## C. Complete the following sentences with words beginning with prefix dis-or un-.

(A.B)

- **1.** My shoe is <u>untied</u>. (not tied)
- **2.** Waqar <u>disagrees</u> with Nazish. (does not agree)

The prefixes dis- and unmean 'not'.

- 3. Ali is <u>unable</u> to beat me in the video game. (not able)
- **4.** Waheed **disobeys** his parents. (does not obey)
- **5.** Our teacher says she does not want <u>unfinished</u> home works handed in. (not finished)

## **Reading Comprehension**

- A. Answer the following questions. (U.B)
- 1. Which area is most affected by incessant growth in population?

(LHR 2014, 15 G-I & II)(FSD 2017G-II)

Ans: Developing countries are most affected by incessant growth in population.

2. Why are developing countries going to suffer more due to over population?

(GRW 2017 G-I)

**Ans:** Developing countries are going to suffer more due to over population because their population is growing at an alarming rate but the food supply is not enough to support such a large population and the per capita availability of food grain has been declining for the past 25 years.

3. What is the major cause of food shortages and malnutrition? (LHR 2016 G-II)(DGK 2017G-I)(FSD 2017G-I)(RWP 2017G-II)

**Ans:** The major cause of shortage of food and malnutrition across the world is over population.

ENGLISH-10 184

#### 4. How are water resources under great stress?

#### (SWL 2017 G-I)(BWP 2017G-II)(SGD2017G-II)

**Ans:** The water resources are under great stress due to over population. Water is critical for irrigation in populous cities, states and countries. They need to fulfil their requirements of more water from rivers, lakes and aquifers every year. Hence, water resources are under great stress.

#### 5. What is the effect of depletion of fossil energy? (GRW 2014 G-I)(SGD 2017G-I)

**Ans:** The depletion of fossil energy accelerates as the needs for foods and services escalate with the increase in population. This results in an increase in the cost of fuel every year.

6. What is the limitation of improved technology? (GRW 2015 G-I)(BWP 2017G-I)

**Ans:** Improved technology is very useful in effective use and management of resources but it cannot produce an unlimited flow of those vital natural resources that are the raw materials for sustained agricultural production.

#### 7. How can sufficient food supply be made possible for the future generation?

**Ans:** The sufficient food supply can be made possible for the future generation through control of growing population, preservation and appropriate usage of water resources.

#### 8. What strategies should be adopted for safe future?

**Ans:** Strategies for the future must be based on the conservation and careful management of land, water, energy, and biological resources needed for food production. Furthermore, increase in the population should be controlled.

## **Additional Questions (U.B)**

## (1) What is the theme of Unit "Pollution Growth and World Food Supplies"?

Ans: The world population is more than 7.0 billion, and it is rapidly growing. It has about doubled in the past forty years. We are now faced with the issue of over population. With the pollution so high, resources are running out. If things continue like this we are going to encounter major problems in the future. Therefore, there is a great need for countries to limit their expanding pollution.

#### (2) What does the word "depleted" mean?

(MTN 2017G-II)

**Ans:** The word "depleted" means "reduction in number or quantity." Here, the term refers to natural resources that are declining rapidly.

ENGLISH-10 185

(3) Do you also face shortage of water in your locality? Why?

**Ans:** Yes, because of over –population, we also have to face the shortage of water.

(4) How is fossil energy a finite source?

(LHR 2017 G-II)(RWP 2017G-I)

**Ans:** Fossil energy is a finite source because we have limited resources as compared to the unlimited growth in world population.

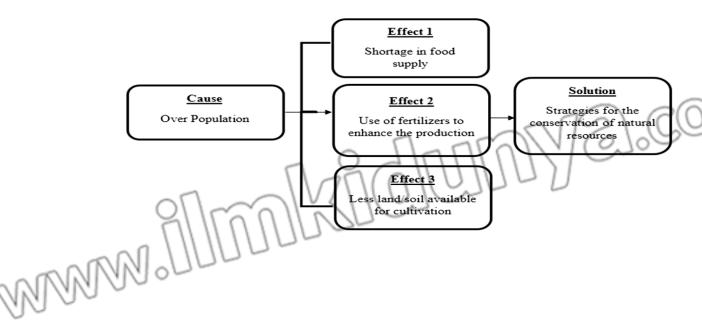
5) What other word you can use to replace "optimum"?

**Ans:** We can use the word maximum to replace optimum. Here the term refers to the maximum limit of world population that should be maintained.

## Patterns of text Organization

Text structure	Signal words	Signal to reader
Cause and effect  Cause → Effect	Therefore, so, for this reason, as a result, is caused by, this leads to, effects of, due to	

B. Read the text and put out information into the graphic organizer showing cause and effect.



## **Section IV: Grammar**

## Subordinating Conjunctions (K.B)

Subordinating conjunctions connect two groups of words by making one into a subordinating clause.

l	Time	Condition	Cause and Effect	Contrast
	after, when, until,	If, whether or not,	because, as, since,	though, while,
	soon, before, once,	provided, in case,	in order that, now	although,
	while, as soon as,	unless, even if, in	that, as much as	whereas, even
	whenever, by the	the event		though
	time			

Α.	Choose the a	nnranriate	conjunctions.	$(\Lambda R)$
Α.	Choose the a	DUI OUI Iate	: comunicuons.	. (A.D)

1.	He couldn't go home,	he had no place to go.
	The couldn't go nome,	ne nua no place to go.

- (a) but
- (b) **<u>for</u>**

- (c) though
- 2. \_ it was hot, he was wearing coat.
  - (a) when

- (b) although
- (c) then
- \_\_\_\_\_ I have no money, I can not go for shopping. **3.** 
  - (a) since

(b) before

- (c) as
- 4. He lost his job \_\_\_\_\_ he was often late.
  - (a) while

(b) because

- (c) or
- 5. I had more time, I would help you.
  - (a) since

(b) when

#### c) if

## Adverb Clause (U.B

Function	Begins with	Example
	A subordinating conjunction such as after, although, because, if, since, when, where	

- B. Replace each adverb clause by an adverb or adverb phrase. (A.B)
- 1. I have not been well since I returned from Murree.

I have not been well since my return from Murree.

2. I am glad that he has recovered from his illness.

I am glad at his recovery from his illness.

3. As soon as I saw the cobra I ran away.

At the sight of cobra I ran away.

**4.** He may go home after his work is finished.

He may go home after finishing his work.

5. I didn't pay her, as I had no money with me.

I didn't pay her because of shortage of money.

C. Underlined the adverb clauses in the following sentences and state whether each is an adverb clause of time, place, reason, purpose, result, manner, comparison, or concession. (U.B)

Sentences	Adverb clause
1. The frightened child ran as <u>fast as he could</u> .	Adverb of manner
2. Even if they hurry, they may not get there on time.	Adverb of time
3. The player is out of the match <u>because he has hurt himself.</u>	Adverb of reason
4. If she recovers quickly, she will join the team.	Adverb of condition
5. The speaker was so absorbed in his speech that he forgot the time.	Adverb of result
<b>6.</b> She switched on the television so that she could listen to the news.	Adverb of purpose
7. They left before the concert ended.	Adverb of time
8. He acted as if he owned the car.	Adverb of manner
9. Where the road bends dangerously, be more careful.	Adverb of place
<b>10.</b> He will get a good job when he graduates.	Adverb of result

# D. Match the two clauses and make meaningful sentences. (A.B)

3 1 1 1				
	Clause 1		Clause 2	Sentence
1.	The rain started	a.	if you don't try hard.	The rain started while I was driving home.
2.	I wrote many books	b.	because the director did not show up.	I wrote many books before I was awarded the literature prize.
3.	They had to cancel the meeting	c.	he went out without an umbrella.	They had to cancel the meeting because the director did not show up.
4.	You won't succeed	d.	while I was driving home.	You won't succeed if you don't try hard.
5.	Although it was raining	e.	before I was awarded the literature prize.	He went out without an umbrella although it was raining.

# **Section V: Oral Communication Skills**

#### Prepare a group presentation on the following. (U.B)

City life has become increasingly difficult because of over population.

- What is over population?
- Life in a big city
- Challenges and problems
- Lack of food supplies
- Lack of land
- Hum drum of life
- Emotional instability
- Scarcity of natural resources
- Inflation
- Conclusion

## Section VI: Writing Skills

## A. Write a précis of paragraph 6. (K.B)

There is no doubt that the latest use of technology proves helpful in increased crop production with lesser use of resources, but it cannot match the natural ways for agriculture production. For example, fertilizers can yield more crops in rotten soils, but they cannot be a substitute to many of the natural resources like topsoil. A balanced eco system is essential to maintain the productivity and sustainability of agriculture system.

1/8).COI

#### B. Write an essay on "Over Population". (K.B)

Over population refers to a population which exceeds its sustainable size within a particular environment or habitat. Over population results from an increased birth rate, decreased death rate, or the sudden decline in available resources. There is a lack of family planning in developing nations because large number of people are illiterate, and have no knowledge about family planning. Therefore, over population describes a situation in which a population in a given ecosystem exceeds the limited resources available for survival.

The effects of over population are quite severe. The first of these is the depletion of resources. The earth can only produce a limited amount of water and food, which is falling short of the current needs. With the overuse of coal, oil and natural gas, it has started producing some serious effects on our environment. Rise in the number of vehicles and industries have badly affected the quality of air. When a country becomes overpopulated, it gives rise to unemployment as there are fewer jobs to support large number of people. As difference between demand and supply continues to expand due to over population, it raises the prices of various commodities including food, shelter and healthcare. This means that people have to pay more to survive and feed their families.

Pakistan is known as one of the fastest growing countries in the world. If we look back in the past, the population of Pakistan in the year 1994 was estimated to be 126 million. Today the population growth of Pakistan is captured to be one of the highest in the whole world. It is officially estimated at 3.1 percent per year increase in the population in Pakistan. But now this percentage has travelled in the limit of 3.3 percent per year as many planners have been involved in population programs. More steps are required to control population and educate the existing people.