Cipher examples

1)

Given cipher text:

tweis iahod spode riton jeuta iasys hntst kdnrs wu.

Using the hint: By using **columnar transposition**:

Using 7\*6 transposition:

tweisia

hodspod

eritonj

eutaias

yshntst

kdnrswu

**By reading columns to rows, we get**

theeyk

worusd

edithn

istanr

spoits

ionasw

adjstu

then by interchanging last column with 3rd column and reading columns to rows we get:

**the keyword used in the transposition was adjust.**

2) Given cipher text:

Tfble snowpynwzv, vnf lgoykwpz vnf. Tfble skvvtfwzv, wp'z utzp prl

kookzwpl.

**Trying trial and error method:**

Guessing wp’z as it’s: since that the general word in English that has apostrophe in it.

Hence replacing w with i , p with t, z with s.

Frequently used 3 lettered word can the: testing if vnf, prl can be the, however two vnf’s are next to each other, testing prl as the:

Replace p,r,l with t,h,e respectively.

After that testing, if word ending with st can just and replacing respectively.

Similarly replacing Tfble with under, as we got u \_ \_ e\_.

By following the same process, replacing respective letters, we can guess:

finally we get:

**under capitalism, man exploits man. under communism, it’s just the opposite.**

3) Given cipher text:

Hsen owsj sud, zq't erkvzkwztj; hsen owsj qas, zq't wdtdkwhp.

Using substitution method:

Guessing zq’t as it’s,

Guessing owsj as from and replacing respective letters, we can guess:

By following the same process, finally we get

**Copy from one, it’s plagiarism; copy from two, it’s research.**

4)

Given cipher text:

boyba nkill apkri yapyy ubply erpbp lgygm hlabo ykjak lpylh hjacr porcq

uynbh laboy gnazn ylhbo yknan prbrw ojcbr cqdnp k.

**Answer:**

By trial and error method i.e., finding repetitive and pair of letters we get,

the trap door spider seems to exist solely for the purpose of furnishing meat for the larvae of the parasitic hunting was.

5)

Given cipher text:

on peut etre Napoleon sans etre son ami, mes enfants!

**Answer:**

Looks like this is French:

After translating into English we get:

we can be Napoleon without being his friend, my children!

6)

**Given cipher text:**

Do not send for the supplies before Monday at earliest. Order once only,as men in charge are feeling sore about your threat to encourage the mutiny at Ford's – Wilson

**Answer:**

**Trying every alternate word we get- Odd: Do send the before (not working)**

**Trying every alternate word we get- Even: not for supplies Monday (not working)**

**Trying every third word:**

Do not **send** for the **supplies** before Monday **at** earliest. Order **once** only,as **men** in charge **are** feeling sore **about** your threat **to** encourage the **mutiny** at Ford's – Wilson

**Send supplies at once men are about to mutiny.**

7)

**Given cipher text:**

Dear George,

Greetings to all at Oxford, many thanks for your

letter and for the Summer examination package.

All entry forms and fees forms should be ready

for final dispatch to the syndicate by Friday

20th of at the very latest, I'm told by the 21st.

Admin has improved here, though there's room

for improvement still; just give use all two or three

more years and we'll really show you! Please

don't let these wretched 16+ proposals destroy

your basic O and A pattern. Certainly this

sort of change, if implemented immediately

would bring chaos.

Sincerely,

**Answer:**

**As per the hint inspector morse, it is a classic puzzle created using steganography:**

Dear George,

Greetings to all at Oxford, many thanks for **your**

letter and for the Summer examination **package**.

All entry forms and fees forms should be **ready**

for final dispatch to the syndicate by **Friday**

20th of at the very latest, I'm told by the **21st**.

Admin has improved here, though there's **room**

for improvement still; just give use all two or **three**

more years and we'll really show you! **Please**

don't let these wretched 16+ proposals **destroy**

your basic O and A pattern. Certainly **this**

sort of change, if implemented **immediately**

would bring chaos.

Sincerely,

**By carefully evaluating and considering last words in each line we get:**

your package ready Friday 21st room three Please destroy this immediately

8)

**Given cipher text:**

Headquarters Armies of the U.S., City Point,

8:30 A.M., April 3, 1865

To Charles A. Tinker, War Department , Washington, D.C -

A. Lincoln its in fume a in hymn to start I army treating there

possible if of cut too forward pushing is he is so all Richmond aunt

confide is Andy evacuated Petersburg reports Grant morning this

Washington Sec'y War. (signed) S.H. Beckwith

**Answer:**

**As per the hint, by reading it backwards**, **we get:**

Washington Sec'y War this morning Grant reports Petersburg evacuated Andy is confide aunt Richmond all so is he is pushing forward too cut of if possible there treating army I start to hymn in a fume in its.

A Lincoln

**Further improvising using pronunciation/ i.e., by concentrating on contractions or phonetics we get:**

War Secretary, Washington,

this morning Grant reports Petersburg evacuated and he is confident Richmond also is pushing forward to cut off if possible their retreating army I start to him in a few minutes.

A Lincoln