# <u>Duration: 01 h 2016-2017</u>

### Full name :....

#### Second Term Test

### Story of the Universe

The Universe is everything we can touch, feel, sense, measure or detect. It includes living things, planets, stars, galaxies, dust clouds, light, and even time. Before the birth of the Universe, time, space and matter did not exist.

The Universe contains billions of galaxies, each containing millions or billions of stars. The space between the stars and galaxies is largely empty. Space is also filled with radiation ( light and heat).

The Universe is incredibly huge. It would take a modern jet fighter more than a million years to reach the nearest star to the Sun. Travelling at the speed of light (300,000 km per second), it would take 100,000 years to cross our Milky Way galaxy alone. No one knows the exact size of the Universe, because we cannot see the edge - if there is one.

The Universe has not always been the same size. It has been expanding at very high speed. So the area of space we now see is billions of times bigger than it was when the Universe was very young.

## Questions:

1	How	many	paragraphs	are	the	in	the	text 2	
┺.	FIUW	IIIGHY	Dai dai apris	ure	1116	111	1116	1671 ?	

2. Say if the sentences below are true, false or not mentioned					
a- Time, space and matter existed before the universe birth.()					
b- the universe is very big.()					
c- the universe has an edge.()					
d- Space is filled with energy particles and magnetic fields.()					
3. Answer the questions below according to the text					
a- what is the universe?					
*					
b- How long does it take to go through the milky way?					
*					
c- Has the universe been the same size ?					
*					

cosmos(§1)=	massive (§3	3)=	the close	st (§3)=
5. Ask questions upon th	ne underlined	words_		
a) Mariner 4 visited mars *				
b) satellites orbit Earth <u>i</u> *	n a circular wa	<b>Υ</b> .		
c) the scientist has prove <u>*</u>	ed <u>the hypothe</u>	<u>sis.</u>		
_ d) light travels <u>at 300.00</u> <u>*</u>	00 km per seco			
6. put the verbs in brac			se	
1) if you (to mix) red and *	•	<b>5</b> . <b>5</b>	<b>.</b> .	
2) if I (to have) money, I *	(to buy) a lapt	op.		
7) Fill in the gaps with t				
Classified	lies measu	ied orbii	ts gravity	y system
A galaxy is a massand contain galaxies areaccording and peculiar galaxies	n from millions in units calle to their shape	to trillions d parsecs. <i>G</i>	of stars. The alaxies are us	size of some sually
,	within t illion stars . Ou	ır solar syst		e Milky Way galaxy ound the Milky Way

4. Find in the text the synonyms of the following: