

WORK SHEET 10th SOCIAL SCIENCE II- Unit 1



1- write the names of seasons



a) Spring	b)	c)	d)
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2- What are the causes of seasonal change?

elliptical orbit	i)	ii)	iii)
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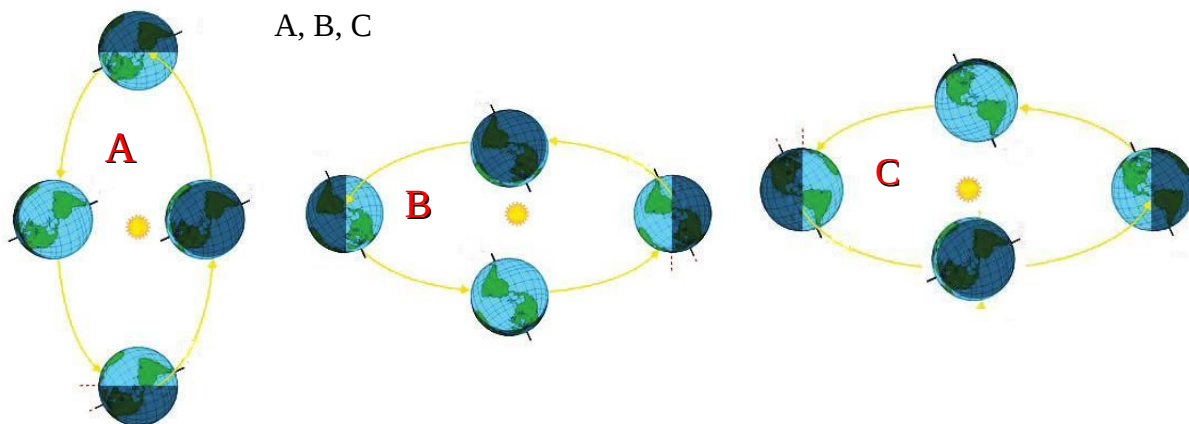
3- The axis of the earth is tilted at an angle of from the orbital plane.

a) 66 $\frac{1}{2}$ °	b) 23 $\frac{1}{2}$ °	c) 90°
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4- What do you mean by parallelism of axis? How does it causes seasons?

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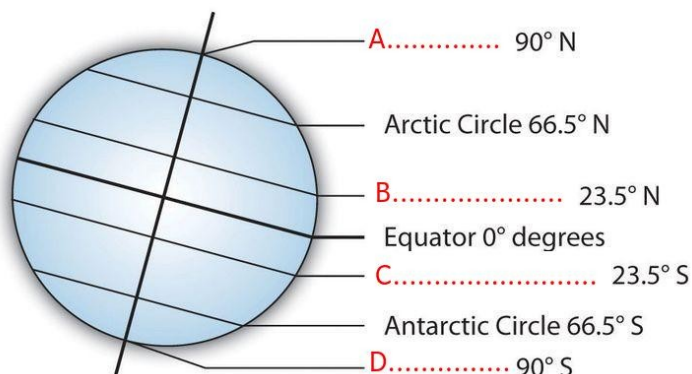
5- Which image is NOT CORRECT to show the parallelism of the Earth's axis?



6- Explain 'the apparent movement of the Sun'.

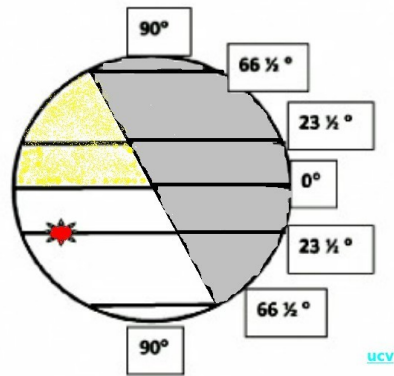
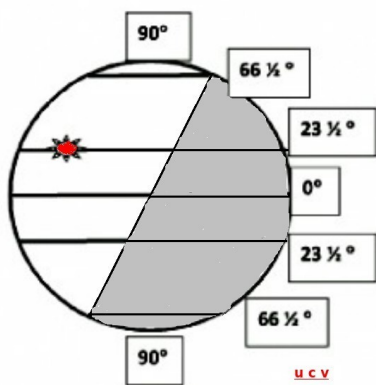
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7- Mark the latitudes A, B, C, D



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8- Find out the position of the sun image A & B



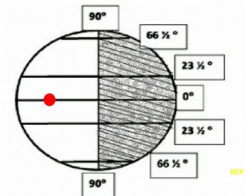
A	B
Latitude	
Day	
Name of the day	

9- Distinguish between Summer solstice & Winter solstice ?

Day	Summer solstice;.....	Winter solstice;
Relative position of the Sun		
Peculiarity of the day in Northern Hemisphere		

10- Explain equinoxes

Days	1..... 2.....
Relative position of the Sun	
Peculiarity of the days	



11- Complete the table

Months	The apparent movement of the sun	Seasons Northern hemisphere	Seasons Southern hemisphere
A,	From the Equator to Tropic of Cancer	Spring	B,
From June 21 to September 23	C,	D,	Winter
From September 23 to December 22	From the Equator to Tropic of Capricorn	E,	F,
G,	H,	Winter	Summer

12- Observe the images A & B and complete the column below

(red spot the sun and arrow movement)

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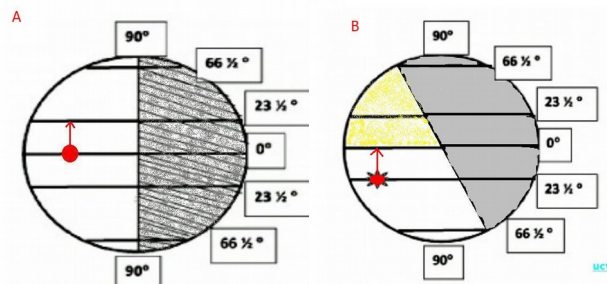
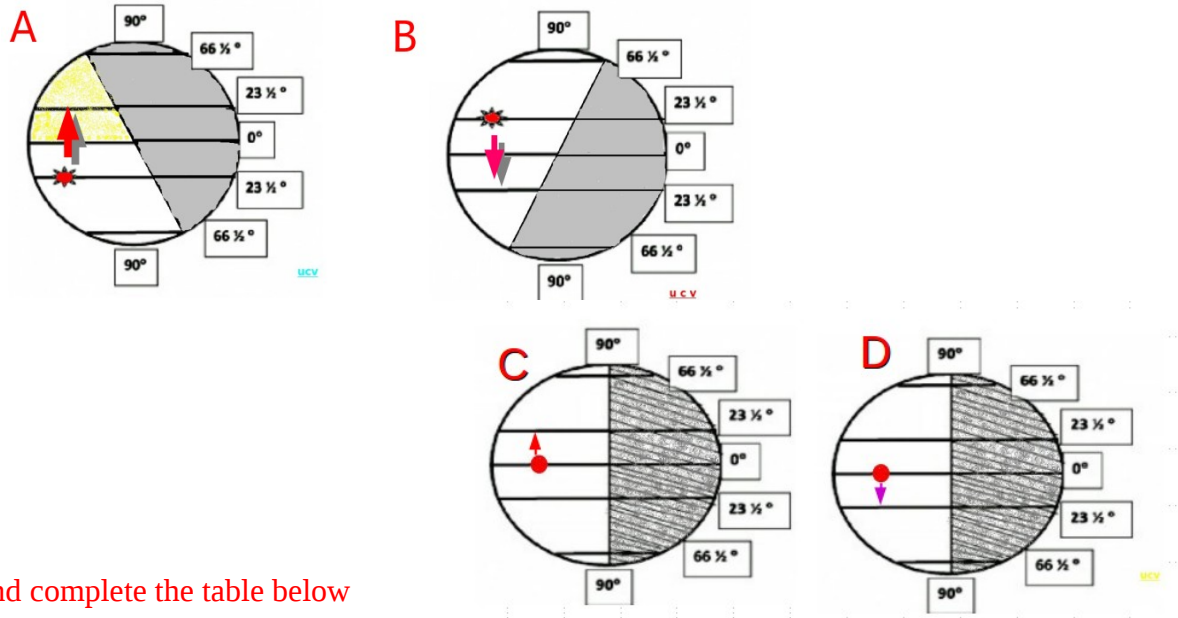


	Image A	Image B
Months		
The apparent movement of the sun		
Season in Southern hemisphere		

13- which image shows Utharayanam?



and complete the table below

Answer ;

Apparent movement of sun	Utharayanam	Dakshinayanam
After which solstice?		
Northward / southward movement?		
From which latitude to.....?		

14- Complete the column below

Day	Relative position of the Sun	Speciality of the day
21 March	Equator	Equinox
21 June	(a)	(b)
23 September	(c)	(d)
22 December	(e)	(f)

THANK YOU



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