

SOCIAL SCIENCE STD 10
PREVIOUS YEAR QUESTIONS
SS I CH:1 SEASONS AND TIME

1. What are the factors responsible for the occurrence of seasons? - (2) 1st Term 2017, (3) 2nd Term 2017
2. Write any three factors which cause for the formation of monsoon. - (3) 1st Term 2017
3. The seasons experienced in the southern hemisphere are given in the table. Write down the corresponding seasons in the northern hemisphere. - (4) 1st Term 2017

Months	Seasons
22 December to 21 March	Summer
21 March to 21 June	Autumn
21 June to 23 September	Winter
23 September to 22 December	Spring

4. The apparent movement of the Sun and the resultant seasons are a cyclic phenomenon'. Substantiate the statement. - (5) 1st Term 2017
5. List out the major seasons and explain any two of them. - (6) 1st Term 2018
6. The apparent movement of the Sun is the basic cause for occurrence of seasons.
(i) What is the apparent movement of the Sun?
(ii) Compare Uttarayanam and Dakshinayanam. - (5) SSLC 2020
7. Describe 'Uttarayanam' and 'Dakshinayanam'. - (4) 1st Term 2019
8. Identify the statements related to autumn season from the following. - (2) 1st Term 2019
 - The transition from summer to winter
 - The transition from winter to summer
 - Plants sprout and bloom
 - Trees shed their leaves.
9. Write a short note on Equinoxes. - (3) MODEL 2020

10. Give an account of the difference between Solstice and Equinoxes. - (5) MODEL 2018
11. Write a short note on Autumn season. - (5) MODEL 2018
12. Arrange the seasons in the order of their occurrence. Describe the changes in apparent position of the sun during these seasons. - (5) SSLC 2017
13. Distinguish between summer solstice and winter solstice.. - (3) SSLC 2017
14. Complete the following table showing the apparent movement of the Sun. - (3) MODEL 2019

	Period	The Apparent Movement
(i)	21 March to 21 June
(ii)	From the Tropic of Capricorn to the Equator
(iii)	23 September to 22 December

15. Mention the days on which sun rays fall vertically on the following latitudes. Also mention the peculiarities of these days.
- Equator
 - Tropic of Cancer
 - Tropic of Capricorn. - (6) 1st Term 2018.
16. (a) What is Standard time ?
 (b) Mention the longitude based on which the standard time of India is estimated.
 (c) what is the significance of standard time? -(4) 1st Term 2019
17. What is Standard time ? Explain how Indian standard time is determined ? - (3) SSLC 2020
18. What is Standard time ? based on which latitude is the Indian standard time determined? - (2) 1st Term 2018
19. Describe the significance of the Greenwich Meridian and the International Date Line in determining time. - (3) 1st Term 2017
20. What is the Greenwich Mean Time when the Indian Standard Time is 10 AM on Wednesday? - (2) 1st Term 2017
21. Calculate the time the following longitudes assuming the Greenwich Mean Time as 10 am.

(i) 90° West. (ii) 120° East. - (4) 1st Term 2018.

22. What will be the time at Greenwich when it is 4 pm on Wednesday in India ? - (2) 1st Term 2019

23. Elucidate the characteristic features of International Date Line. - (3) 1st Term 2019, - (3) 1st Term 2018.

24. Elucidate Local time, standard time and Greenwich mean time. Estimate the Indian standard time when Greenwich mean time is 12 midnight. - (5) MODEL 2019

25. Elucidate Local time, standard time and Greenwich mean time. Estimate the the Local Time at the following longitudes assuming Greenwich Mean Time as 2 pm.

(i) $82^\circ 30'$ East (ii) $82^\circ 30'$ West - (5) MODEL 2020

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