<UCCalendar AY="2024-2025">

<Date>

<Month>August</Month>

<Day>19</Day>

<DayName>Monday</DayName>

<Year>2024</Year>

</Date>

<Activity>First Day of Actual Service</Activity>

<Participants>All Faculty Members</Participants>

<Time>

<Start>7:00 A.M.</Start>

<End>4:00 P.M.</End>

</Time>

<College>Respective College</College>

</UCCalendar>

Xpath Expression

1. /UCCalendar/Date/DayName
2. /UCCalendar/Time/\*/text()
3. /UCCalendar/Date/\*
4. /UCCalendar/Time/Start
5. /UCCalendar/Time/End
6. /UCCalendar/@AY
7. /UCCalendar/Date[DayName="Monday"]/Day/text()
8. /UCCalendar[Time/Start="7:00 A.M."]/College
9. /UCCalendar[Time/End="4:00 P.M."]/College
10. /UCCalendar[Date/Month="August"]/Activity

| **No.** | **✅ Fixed XPath Expression** | **📌 Answer** | **🧠 Explanation** |
| --- | --- | --- | --- |
| 1 | /UCCalendar/Date/DayName | Monday | Corrected element name from Dayname to DayName (XPath is case-sensitive). |
| 2 | / UCCalendar /Time/\*/text() | 7:00 A.M. and 4:00 P.M. | Retrieves text from all children of <Time> (i.e., <Start> and <End>). |
| 3 | / UCCalendar /Date/\* | <Month>, <Day>, <DayName>, <Year> | Selects all children of <Date>. |
| 4 | / UCCalendar /Time/Start | 7:00 A.M. | The <Start> element is nested inside <Time>. |
| 5 | / UCCalendar /Time/End | 4:00 P.M. | Retrieves the end time from the <Time> block. |
| 6 | / UCCalendar /@AY | 2024-2025 | Selects the value of the AY attribute from the root element. |
| 7 | / UCCalendar /Date[DayName="Monday"]/Day/text() | 19 | Filters <Date> where <DayName> is "Monday" and returns the value of <Day>. |
| 8 | / UCCalendar [Time/Start="7:00 A.M."]/College | Respective College | Finds the <UCCalendar> where <Time>/<Start> is 7:00 A.M. and returns the <College>. |
| 9 | / UCCalendar [Time/End="4:00 P.M."]/College | Respective College | Similar to above but filters using the <End> time. |
| 10 | / UCCalendar [Date/Month="August"]/Activity | First Day of Actual Service | Finds the <UCCalendar> where the <Month> is "August" and returns the <Activity>. |