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PREPARATORY EXAMINATION

GRADE 12

**PHYSICAL SCIENCES P2
(CHEMISTRY)**

SEPTEMBER 2020

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Physical Science Ppreparatory 2014

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0126 5 aug 16 0172 5 oct 1 0218 5 nov 16 0264 5 2 0127 5 17 0173 5 2 0219 5 17 0265 5 3 0128 5 18 0174 5 3 0220 5 18
0266 5 4 0129 5 19 0175 5 4 0221 5 19 0267 5 5 0130 5 20 0176 5 5 0222 5 20 0268 5

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up to 28 august 22 bc julian the date in both calendars was the same the dates in the alexandrian and julian calendars are in one to one correspondence except for the period from 29 august in the year preceding a julian leap year to the following 24 february

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2345678 186 187 188 189 190 191 192 214 215 216

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it assigns a julian day jd to every year without having to worry about b c e or c e it was invented by french scholar joseph justus scaliger in 1583 who proposed that the julian period starts at noon on january 1 4713 b c e julian calendar and lasts for 7980 years this was determined because it is a time period long enough to include

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currently the julian calendar is 13 days behind the gregorian calendar so to convert from the julian calendar to the gregorian calendar add 13 days to convert in the opposite direction subtract 13 days the gap between the two calendar

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specifically for dates on or before 4 october 1582 the julian calendar is used for dates on or after 15 october 1582 the gregorian calendar is used thus there is a ten day gap in calendar dates but no discontinuity in julian dates or days of the week 4 october 1582 julian is a thursday which begins at jd 2299159 5 and 15 october

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