



SSC MTS 2022-23



REASONING

SESSION-I

CALENDAR

सारे **CONCEPT** बस
एक क्लास में



🔊 **LIVE** | 03:00 PM

BY KULDEEP MAHENDRAS



UPCOMING ONLINE BATCHES

February 2023

08 FEB 2023

03:00 PM to 05:00 PM

SSC ONLINE LIVE CLASS

BILINGUAL

15 FEB 2023

10:30 AM to 12:30 PM

BANK ONLINE LIVE CLASS

BILINGUAL

15 FEB 2023

06:30 PM to 08:30 PM

BANK ONLINE LIVE CLASS

English & Bengali



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14.6 Computer Based Examination:

Part	Subject	Number of Questions/ Maximum Marks	Time Duration (For all four Parts)
Session-I			45 Minutes (60 Minutes for candidates eligible for scribes as per para 8)
I	Numerical and Mathematical Ability	20/60	
II	Reasoning Ability and Problem Solving	20/60	
Session-II			45 Minutes (60 Minutes for candidates eligible for scribes as per para 8)
I	General Awareness	25/75	
II	English Language and Comprehension	25/75	



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	UR	OBC	SC	ST	EWS	TOTAL	ESM	OH	HH	VH	OTHERS
MTS AGE GROUP 18-25	4115	2505	1051	679	979	9329	979	104	131	119	58
MTS AGE GROUP 18-27	1085	723	358	216	283	2665	222	36	36	32	18
Havaldar in CBIC	201	143	106	29	50	529	53	8	7	0	6
Grand Total	5401	3371	1515	924	1312	12523	1254	148	174	151	82



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TYPE OF YEARS

LEAP YEAR (Consists 366 days)

Because February contains 29 days

e.g. 2000, 2004, 2008 etc.

Divisible by 4 / 400

SIMPLE YEAR (Consists 365 days)

Because February contains 28 days

2001, 2002, 2003 etc.

All simple years.



ODD DAYS IN A YEAR

Types of year

No. of days in a year

Odd days

Leap Year
Normal Year

366 days
365 days

2 odd days
1 odd days

$$\begin{array}{r}
 7 \overline{) 366} \quad (52 \text{ week} \\
 \underline{35} \\
 16 \\
 \underline{14} \\
 2
 \end{array}$$

$$\begin{array}{r}
 7 \overline{) 365} \quad (52 \\
 \underline{35} \\
 15 \\
 \underline{14} \\
 1
 \end{array}$$



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HOW MANY ODD DAYS IN A MONTH ???

MONTH	DAYS	ODD DAY
JAN	31	3
FEB	28 OR 29	0 OR 1
MAR	31	3
APR	30	2
MAY	31	3
JUN	30	2



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HOW MANY ODD DAYS IN A MONTH ???

MONTH	DAYS	ODD DAY
JULY	31	3
AUG	31	3
SEP	30	2
OCT	31	3
NOV	30	2
DEC	31	3



Points to Remember

$$LY \text{ --- } + 28$$

$$LY - + 1 \text{ --- } + 6$$

$$LY + 2 \text{ --- } + 11$$

$$LY - + 3 \text{ --- } + 11$$

$$2012 \text{ --- } + 28 \text{ --- } 2040$$

$$2013 \text{ --- } + 6 \text{ --- } 2019$$

$$2014 \text{ --- } + 11 \text{ --- } 2025$$

$$2015 \text{ --- } + 11 \text{ --- } 2026$$

Done



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Points to Remember

2005	2006	2007	2008	2009	2010	2011
1	1	1	2	1	1	1
2006	2007	2008	2009	2010	2011	2012
1	1	2	1	1	1	2
2013	2014	2015	2016	2017		
1	1	1	2	1		



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Points to Remember

2007	2008	2009	2010	2011	2012	2013	2014
1	2	1	1	1	2	1	1
2015	2016	2017	2018				
1	2	1					



The calendar for the year 2019 will be the same for the year?

वर्ष 2019 के लिए कैलेंडर वर्ष के लिए समान होगा?

- 1) 2025**
- 2) 2031**
- 3) 2030** ✓
- 4) 2047**

2016	+28	
2017	+6	
2018	+11	
2019	+11	2030



The calendar for the year 2024 will be the same for the year?

वर्ष 2024 के लिए कैलेंडर वर्ष के लिए समान होगा?

- 1) 2035
- 2) 2031
- 3) 2052 ✓
- 4) 2050

$$2024 + 28 = 2052$$



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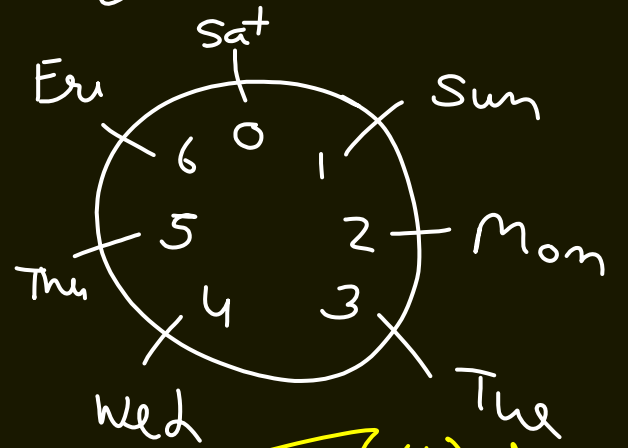
Jan	Feb	March	April	May	June	July	Aug	Sep	Oct	Nov	Dec
1	4	4	0	2	5	0	3	6	1	4	6

For L.Y

Jan	Feb
0	3

Day Code

Date + Code + Century + Last two digit of year + Last two digit of year / 4 + Century Code



7 | 44 (6 week)
 42

 2 → Mon

10 Aug 2020 - ?

$$10 + 3 + 6 + 20 + \frac{20}{4} = 44 \text{ Day}$$

- 1600 - 6
- 1700 - 4
- 1800 - 2
- 1900 - 0
- 2000 - 6



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Codes for the months:-

JAN-1

FEB-4

MAR-4

APR-0

MAY-2

JUNE-5

JUL-0

AUG-3

SEP-6

OCT-1

NOV-4

DEC-6

Codes for the DAY:-

SAT-0

SUN-1

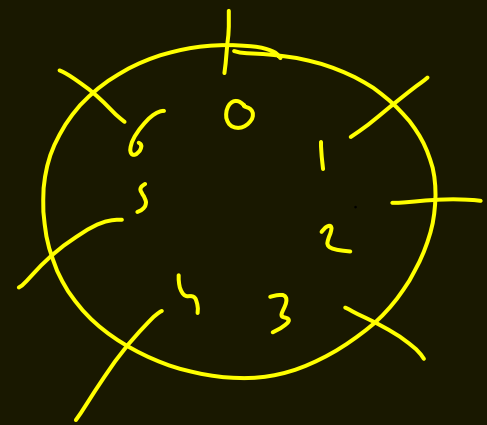
MON-2

TUE-3

WED-4

THU-5

FRI-6





Codes for the CENTURY:-

1600-6

1700-4

1800-2

1900-0

2000-6

2100-4

2200-2

2300-0

2400-6

2500-4





What will be the day of the week on 20th august 2020?

20 अगस्त 2020 को सप्ताह का दिन क्या होगा?

- 1) Friday
- 2) Saturday
- 3) Sunday
- 4) Thursday ✓
- 5) None of these

$$\begin{array}{r}
 7 \overline{) 54} \quad (7 \text{ Week} \\
 \underline{49} \\
 5
 \end{array}$$

Thursday ←

$$\frac{20 + 3 + 6 + 20 + \frac{20}{7} \times 5}{7} = \frac{54 \text{ Day}}{7}$$



What will be the day of the week on 11th NOV 1980?

11th November 1980 को सप्ताह का दिन क्या होगा?

- 1) Friday
- 2) Saturday
- 3) Sunday
- 4) Tuesday ✓
- 5) None of these

Tuesday

$$\begin{array}{r}
 7 \overline{) 115} \quad (16 \text{ weeks}) \\
 \underline{7} \\
 45 \\
 \underline{42} \\
 3
 \end{array}$$

$$\frac{11 + 4 + 0 + 80 + \frac{80}{4} \times 20}{7} = \frac{115}{7} \text{ Day}$$

144 025 036 146



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What will be the day of the week on 5th Dec 2040?

5th December 2040 को सप्ताह का दिन क्या होगा?

- 1) Friday
- 2) Saturday
- 3) Sunday
- 4) Thursday
- 5) ~~None of these~~

Wed

Wed

$$\begin{array}{r}
 7 \overline{) 67} \text{ 9 weeks} \\
 \underline{63} \\
 4
 \end{array}$$

$$\begin{array}{r}
 5 + 6 + 6 + 40 + \cancel{40} \\
 \hline
 7
 \end{array}
 \begin{array}{l}
 10 \\
 = \frac{67}{7} \text{ Day}
 \end{array}$$



What will be the day of the week on 20th March 2019?

20th march 2019 को सप्ताह का दिन क्या होगा?

- 1) Monday
- 2) Thursday
- 3) Tuesday
- 4) Wednesday ✓
- 5) None of these

$$7 \overline{)53} \begin{matrix} 7 \text{ week} \\ 49 \\ \hline 4 \end{matrix}$$

Wed

$$20 + 4 + 6 + 19 + \cancel{19} \begin{matrix} 4 \\ \hline 4 \end{matrix} = \frac{53 \text{ Day}}{7}$$



What will be the day of the week on 4th august 2015?

4th अगस्त 2015 को सप्ताह का दिन क्या होगा?

- 1) Monday
- 2) Thursday
- 3) Tuesday ✓
- 4) Wednesday
- 5) None of these

$$\begin{array}{r}
 7 \overline{) 31} \text{ 4 weeks} \\
 \underline{28} \\
 3
 \end{array}$$

Tue ←

$$\begin{array}{r}
 4 + 3 + 6 + 15 + 18^3 \\
 \hline
 45
 \end{array}
 = \frac{45}{7} = 6 \text{ weeks} + 3 \text{ days}$$



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What will be the day of the week on 10th January 2020?

10th January 2020 को सप्ताह का दिन क्या होगा?

- 1) Saturday
- 2) Thursday
- 3) Tuesday
- 4) Wednesday
- 5) None of these

✓
Fri

$$7 \overline{) 41} \begin{matrix} 5 \text{ week} \\ 35 \\ \hline 6 \end{matrix}$$

(Fri) ←

$$\frac{10 + 0 + 6 + 20 + \frac{26}{4}^5}{7} = \frac{41 \text{ Day}}{7}$$



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What will be the day of the week on 14th February 2020?

14th February 2020 को सप्ताह का दिन क्या होगा?

- 1) Monday**
- 2) Thursday**
- 3) Saturday**
- 4) Wednesday**
- 5) None of these**

Comment
Box HW.

Rea- 3:00 PM
TTS