



SSC MTS 2022-23



REASONING

CLOCK

एक VIDEO में सारे CONCEPT CLER



LIVE | 03:00 PM

KULDEEP MAHENDRAS



UPCOMING ONLINE BATCHES

January 2023

04 JAN 2023

01:00 PM to 03:00 PM

BANK ONLINE LIVE CLASS

08:00 AM to 10:00 AM

SSC ONLINE LIVE CLASS

BILINGUAL

11 JAN 2023

10:30 AM to 12:30 PM

BANK ONLINE LIVE CLASS

05:30 PM to 07:30 PM

SSC ONLINE LIVE CLASS

BILINGUAL

18 JAN 2023

07:30 PM to 09:30 PM

BANK ONLINE LIVE CLASS

01:00 PM to 03:00 PM

SSC ONLINE LIVE CLASS

BILINGUAL

25 JAN 2023

03:00 PM to 05:00 PM

BANK ONLINE LIVE CLASS

07:30 PM to 09:30 PM

SSC ONLINE LIVE CLASS

BILINGUAL

04 JAN 2023

02:00 PM to 04:00 PM

BANK ONLINE LIVE CLASS

BENGALI

18 JAN 2023

04:00 PM to 06:00 PM

BANK ONLINE LIVE CLASS

BENGALI



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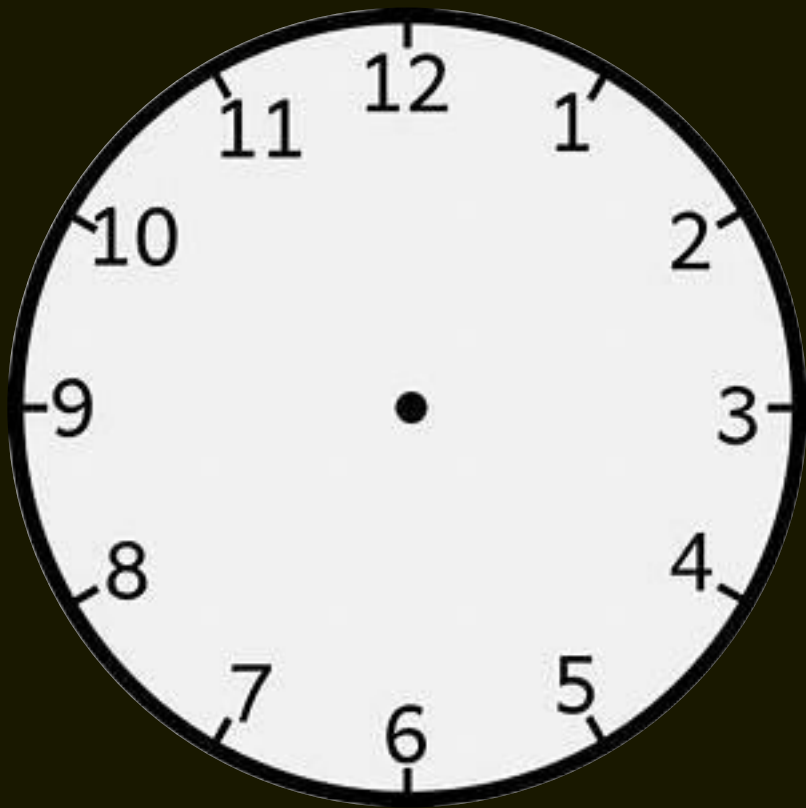
14.6 Computer Based Examination:

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	



Type of CLOCK

Analog Clock



Digital Clock





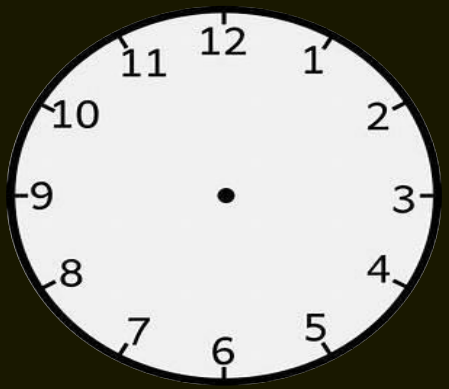
Type of Question in Clock:-

- **Angle on Time** (समय पर कोण)
- **Coincide Angle** (संयोग कोण)
- **Opposite Angle** (विपरीत कोण)
- **Right Angle** (समकोण)
- **Straight Line Angle** (सीधी रेखा कोण)
- **Error Clock** (त्रुटि घड़ी)
- **Mirror and Water image of Clock** (घड़ी की दर्पण और जल छवि)



SSC MTS 2022-23

LIVE at 3:00 PM





CLOCK

Hour Hand

$$12 \text{ Hour} = 360^\circ$$

$$1 \text{ Hour} = 360^\circ/12$$

$$\mathbf{1 \text{ Hour} = 30^\circ}$$

$$60 \text{ Minute} = 30^\circ$$

$$1 \text{ Minute} = 30^\circ/60$$

$$\mathbf{1 \text{ Minute} = 1/2^\circ}$$

Minute Hand

$$1 \text{ Hour} = 360^\circ$$

$$60 \text{ Minute} = 360^\circ$$

$$1 \text{ Minute} = 360^\circ/60$$

$$\mathbf{1 \text{ Minute} = 6^\circ}$$



Q- What is the angle between the minute hand and the hour hand of a clock when the time is 10:30?

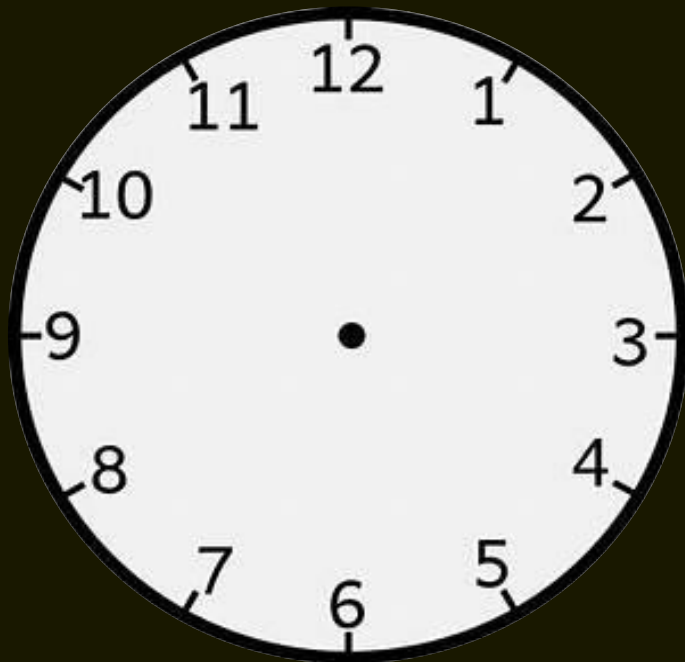
Q-समय 10:30 पर मिनट और घड़ी के घंटे के बीच का कोण क्या होगा ?

(1) 150°

(2) 135°

(3) 120°

(4) None of these





Q- What is the angle between the minute hand and the hour hand of a clock when the time is 7:25?

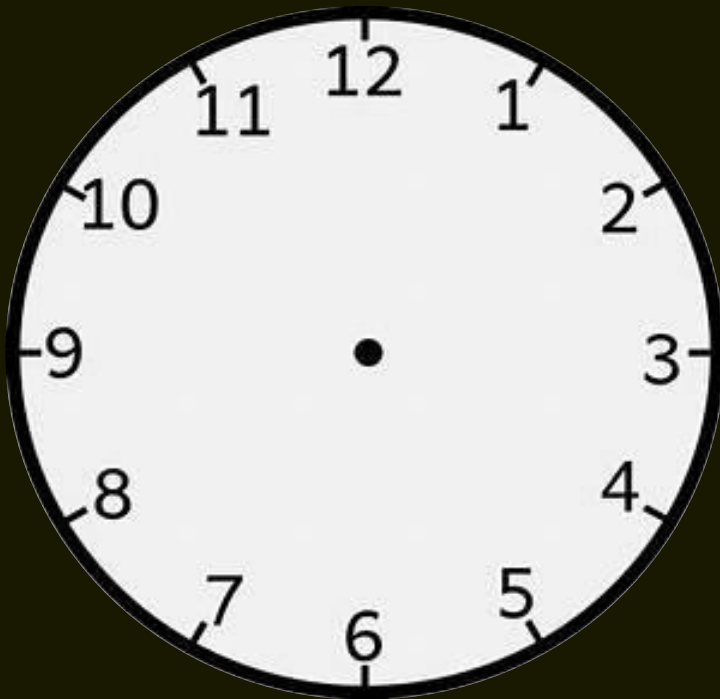
Q-समय 7:25 पर मिनट और घड़ी के घंटे के बीच का कोण क्या होगा ?

(1) 72.5°

(2) 65°

(3) 75°

(4) None of these





Q- What is the angle between the minute hand and the hour hand of a clock when the time is 9:30?

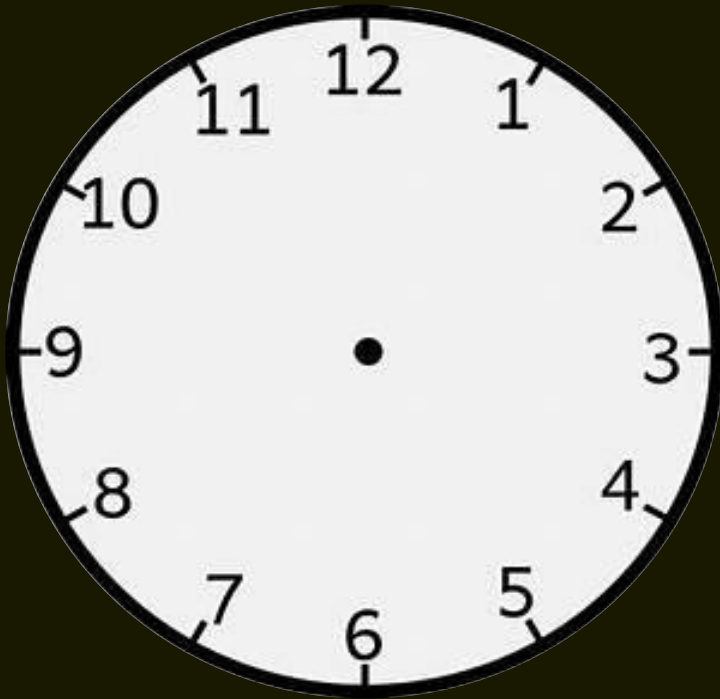
Q-समय 9:30 पर मिनट और घड़ी के घंटे के बीच का कोण क्या होगा ?

(1) 100°

(2) 90°

(3) 105°

(4) None of these





Q- What is the angle between the minute hand and the hour hand of a clock when the time is 9:41?

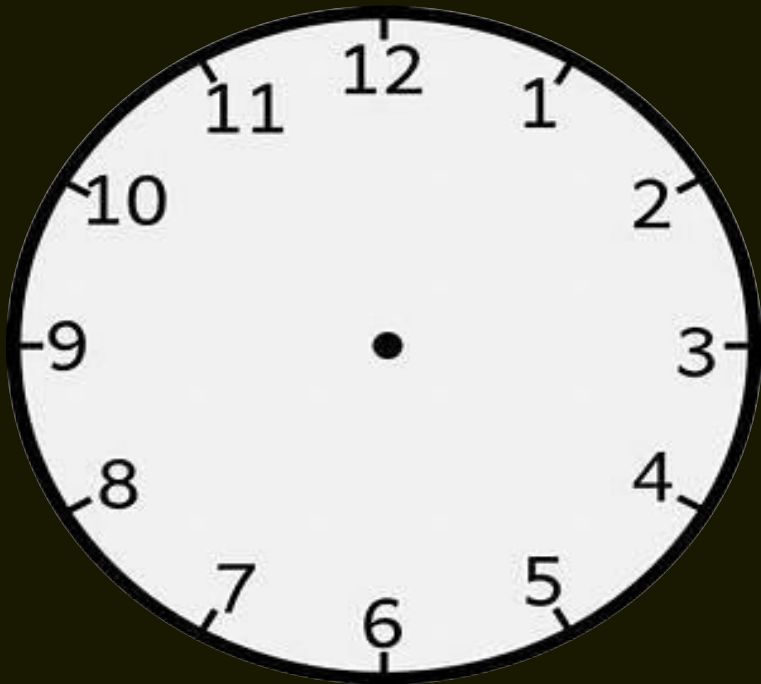
Q- समय 9:41 पर मिनट और घड़ी के घंटे के बीच का कोण क्या होगा ?

(1) 100°

(2) 44.5°

(3) 45°

(4) None of these





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LIVE at 3:00 PM

Q- What is the angle between the minute hand and the hour hand of a clock when the time is 8:15?

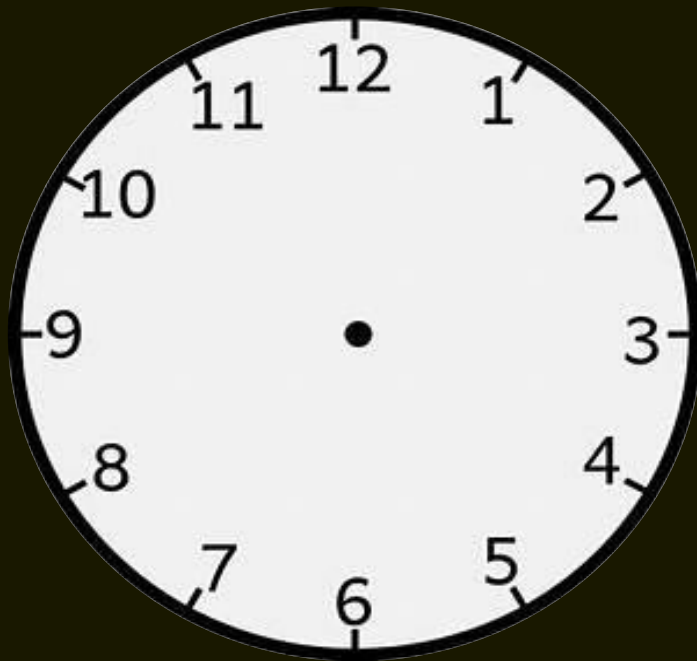
Q-समय 8:15 पर मिनट और घड़ी के घंटे के बीच का कोण क्या होगा ?

(1) 155.5°

(2) 157.5°

(3) 150°

(4) None of these





Q- What is the angle between the minute hand and the hour hand of a clock when the time is 1:30?

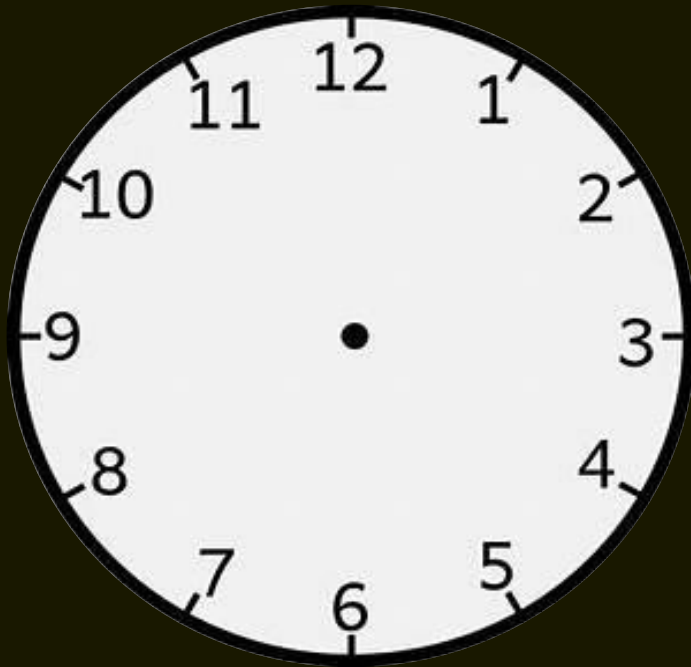
Q-समय 1:30 पर मिनट और घड़ी के घंटे के बीच का कोण क्या होगा ?

(1) 165°

(2) 135°

(3) 145°

(4) None of these





SSC MTS 2022-23

LIVE at 3:00 PM

Minute Hand = 1 Minute = 6°

Hour Hand = 1 Minute = $1/2^\circ$

If First hand is Minute hand than add.

If First hand is Hour hand than subtract (less).



Q- What is the angle between the minute hand and the hour hand of a clock when the time is 2:20?

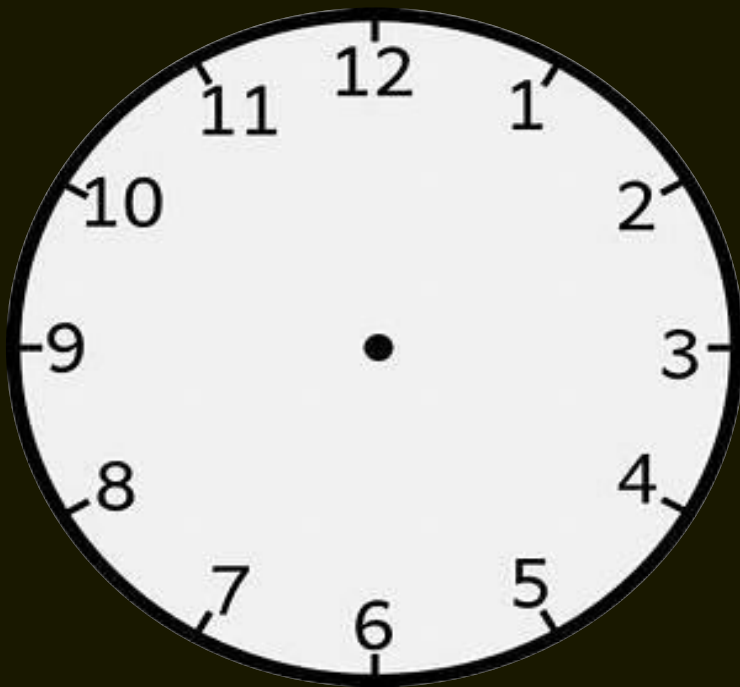
Q-समय 2:20 पर मिनट और घड़ी के घंटे के बीच का कोण क्या होगा ?

(1) 80°

(2) 50°

(3) 60°

(4) None of these





Q- What is the angle between the minute hand and the hour hand of a clock when the time is 3:30?

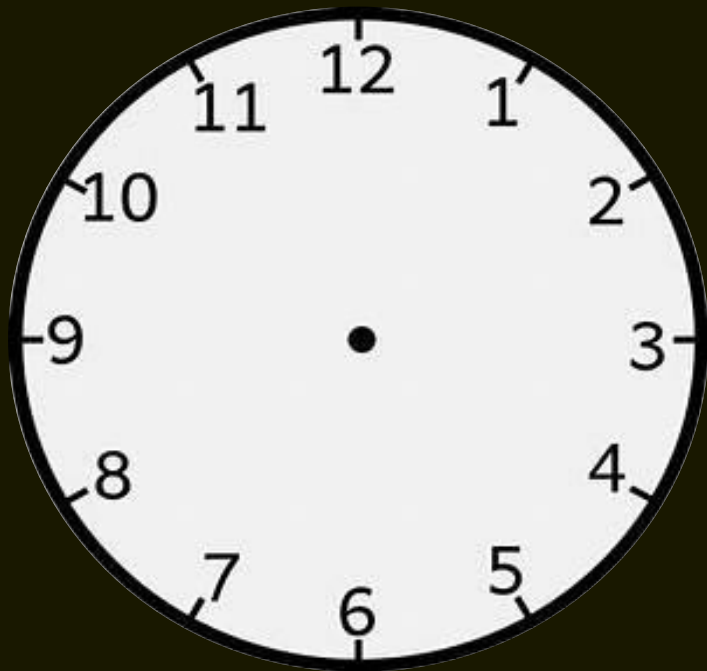
Q-समय 3:30 पर मिनट और घड़ी के घंटे के बीच का कोण क्या होगा ?

(1) 55°

(2) 75°

(3) 105°

(4) None of these





SSC MTS 2022-23

LIVE at 3:00 PM

Q- What is the angle between the minute hand and the hour hand of a clock when the time is 3:15?

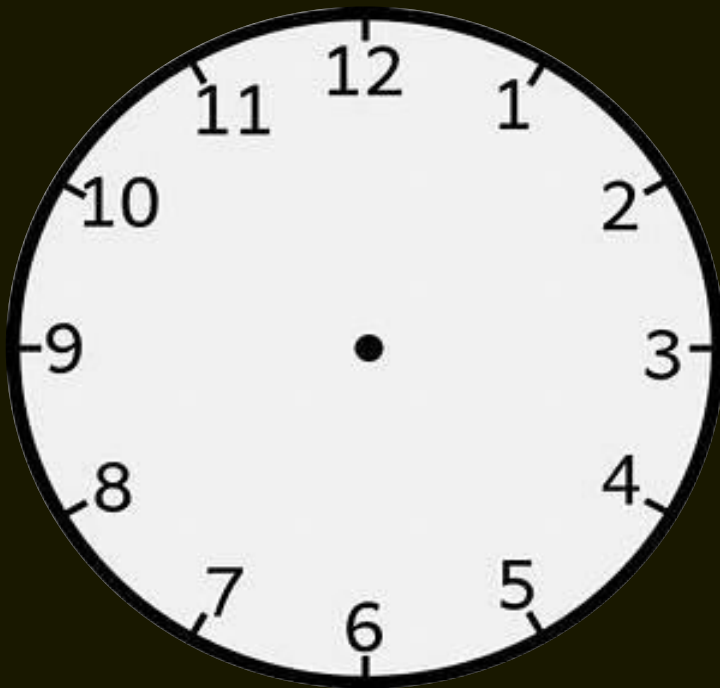
Q-समय 3:15 पर मिनट और घड़ी के घंटे के बीच का कोण क्या होगा ?

(1) 0°

(2) 7.5°

(3) 15°

(4) None of these





Q- What is the angle between the minute hand and the hour hand of a clock when the time is 6:30?

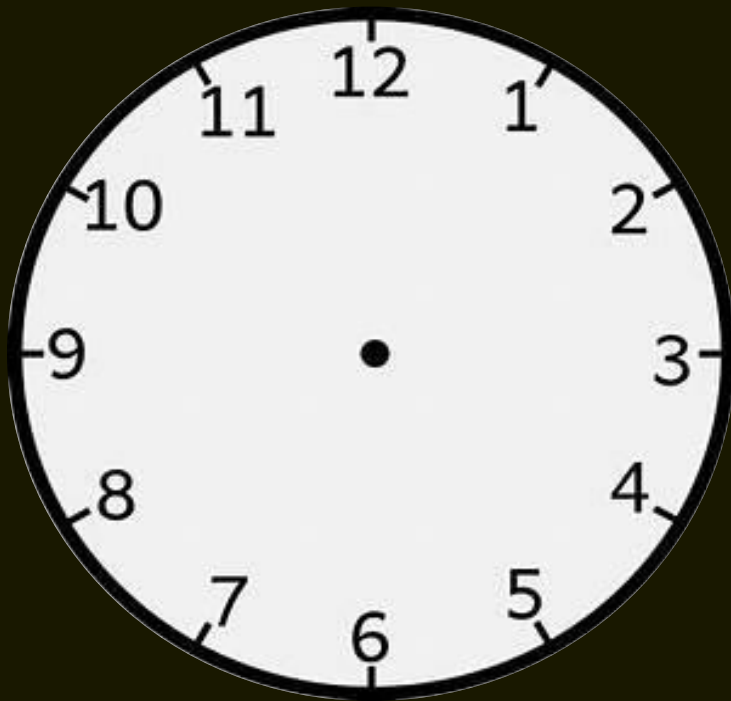
Q-समय 6:30 पर मिनट और घड़ी के घंटे के बीच का कोण क्या होगा ?

(1) 15°

(2) 30°

(3) 0°

(4) None of these

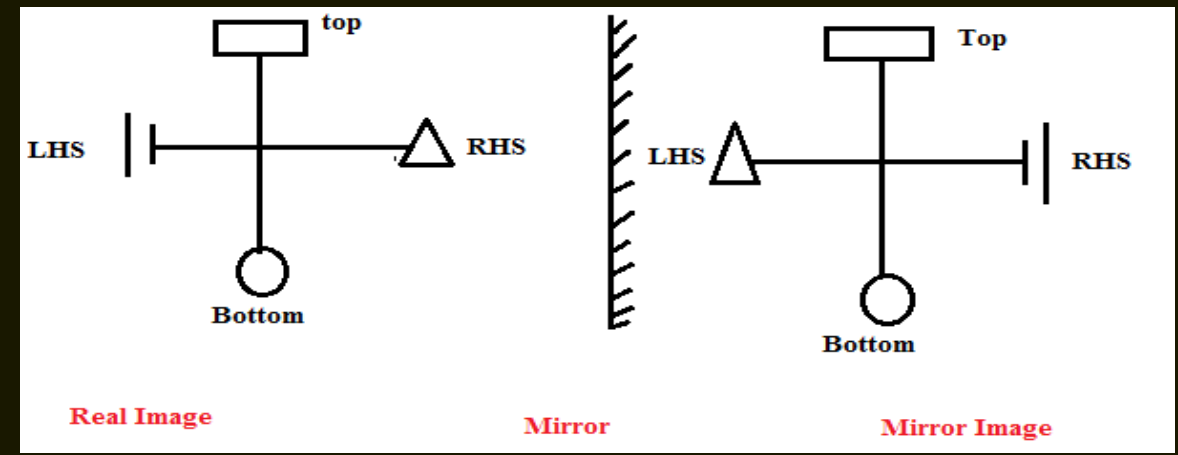




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LIVE at 3:00 PM

Mirror image of Clock :-





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LIVE at 3:00 PM

Q-What is the mirror image at the time of 5:10?

Q-समय 5:10 पर दर्पण प्रतिबिंब क्या होगा ?

(1) 5:50

(2) 6:50

(3) 7:10

(4) None of these





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LIVE at 3:00 PM

Q-What is the mirror image at the time of 12:30?

Q-समय 12:30 पर दर्पण प्रतिबिंब क्या होगा ?

(1) 1:30

(2) 11:30

(3) 14:30

(4) None of these





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LIVE at 3:00 PM

Q-What is the mirror image at the time of 4:28:35?

Q-समय 4:28:35 पर दर्पण प्रतिबिंब क्या होगा ?

(1) 7:31:24

(2) 8:42:15

(3) 7:16:19

(4) None of these



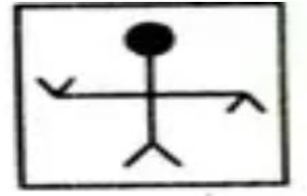


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LIVE at 3:00 PM

Water image of Clock :-

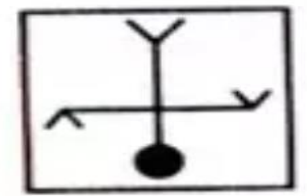
Figure



Water



Water Image





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LIVE at 3:00 PM

Q-What is the water image at the time of 4:20?

Q- समय 4:20 पर जल प्रतिबिंब क्या होगा ?

(1) 5:50

(2) 6:50

(3) 2:10

(4) None of these





SSC MTS 2022-23

LIVE at 3:00 PM

Q-What is the water image at the time of 5:40?

Q- समय 5:40 पर जल प्रतिबिंब क्या होगा ?

(1) 12:50

(2) 6:50

(3) 7:10

(4) None of these





SSC MTS 2022-23

LIVE at 3:00 PM

Q-What is the water image at the time of 7:50?

Q- समय 7:50 पर जल प्रतिबिंब क्या होगा ?

(1) 5:50

(2) 6:50

(3) 10:40

(4) None of these





SSC MTS 2022-23

LIVE at 3:00 PM

Mirror image and water image of Clock

Mirror image - 11:60

Water image – 18:30



SSC MTS 2022-23

LIVE at 3:00 PM

Q. Ram, a friend of Krishna come to meet him every Sunday . The first time he came at 12:30, the next time at 1:20 , then he came at 2:30 and then at 4. After that when did Rama come to meet Krishna?

Q. कृष्णा का एक मित्र हर रविवार को उससे मिलने आता है। पहली बार 12:30 पर आया, फिर 1:20 बाद आया फिर 2:30 बाद आया तथा फिर 4:00 बजे। उसके बाद कृष्णा से मिलने के लिए राम कब आएगा?

(1)5:20

(2) 5:30

(3)6:20

(4)5:50

