

108 DAYS ONLINE COACHING DAY(3) - 09/07/2020 THURSDAY

DICES



Name of the candidate *

M3

Place of the candidate *

Thiruvananthapuram

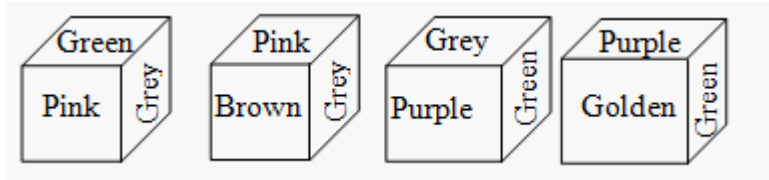
WHAT APP NUMBER (JOINED IN SAI EDUCATION ONLINE COACHING PLATFORM) *

00000

Please watch the following videos and answer the following questions

<https://youtu.be/4UNcKW2vmdl>
<https://youtu.be/sQM3ckwuAqE>

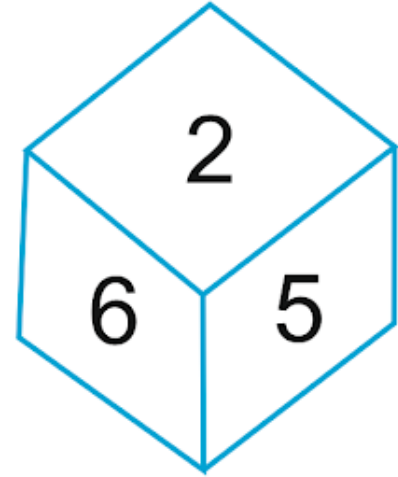
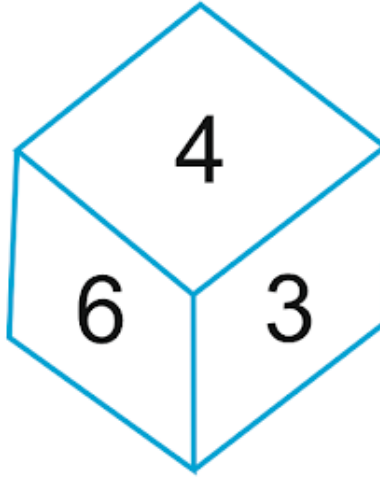
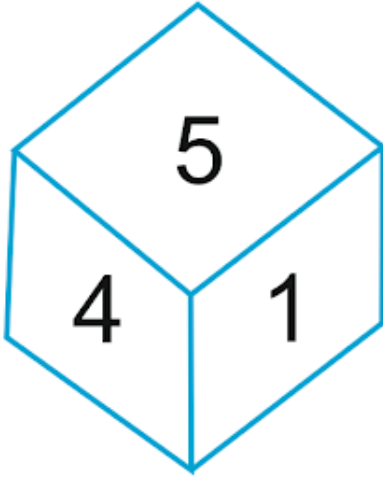
1. Refer to the following four positions of the dice and find out the color which is opposite the face grey? * 1 point



- A. Golden
- B. Purple
- C. Brown
- D. Green

2. Which number is in front of 6? *

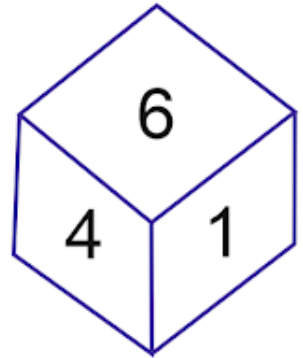
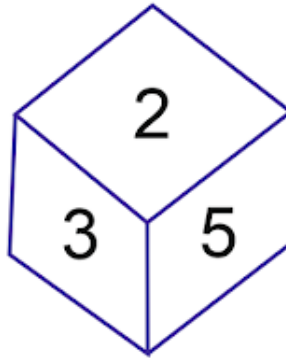
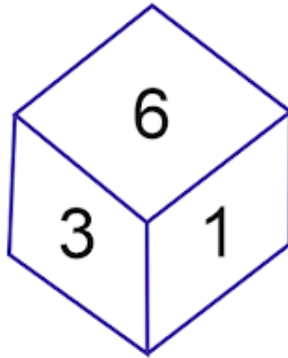
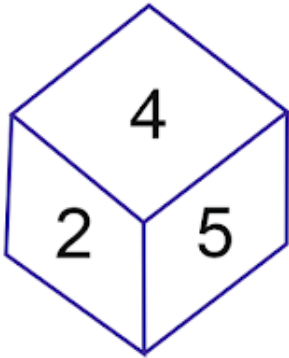
1 point



- (A) 2
- (B) 1
- (C) 4
- (D) 5

3. Which number is in opposite plane of 3 ? *

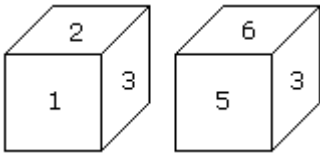
1 point



- (A) 1
- (B) 6
- (C) 5
- (D) 4

4. Which digit will appear on the face opposite to the face with number 4? *

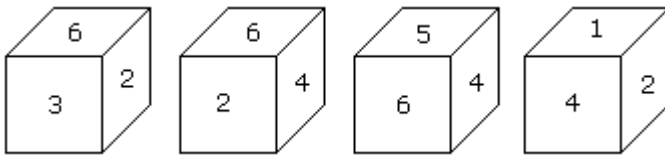
1 point



- A. 3
- B. 5
- C. 6
- D. 2/3

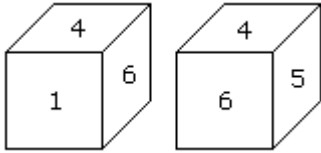
5. Which number is on the face opposite to 6? *

1 point



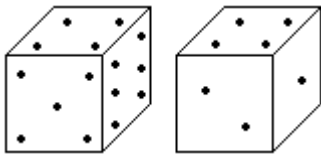
- A. 4
- B. 1
- C. 2
- D. 3

6. Two positions of a dice are shown below. When number '1' is on the top. What number will be at the bottom? * 1 point



- A. 3
- B. 5
- C. 2
- D. 6

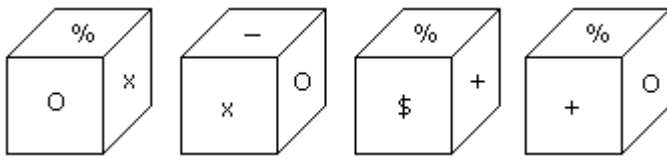
7. Here two positions of dice are shown. If there are two dots in the bottom, then how many dots will be on the top? * 1 point



- A. 2
- B. 3
- C. 5
- D. 6

8. Here 4 positions of a cube are shown. Which sign will be opposite to '+'? *

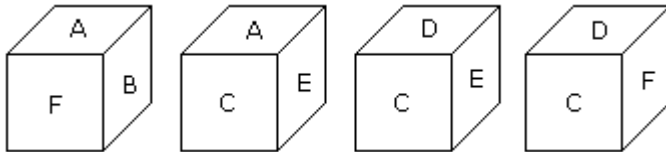
1 point



- A. %
- B. -
- C. x
- D. \$

9. From the positions of a cube are shown below, Which letter will be on the face opposite to face with 'A'? *

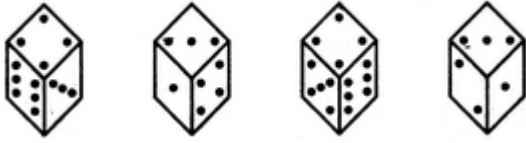
1 point



- A. D
- B. B
- C. C
- D. F

10. How many dots are there on the dice face opposite the one with three dots? *

1 point



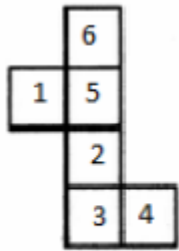
- A. 2
- B. 4
- C. 5
- D. 6

11. From qn 10, Four usual dice are thrown on the ground. The total of numbers on the top faces of these four dice is 13 as the top faces showed 4, 3, 1 and 5 respectively. What is the total of the faces touching the ground? *

1 point

- A. 12
- B. 13
- C. 15
- D. Cannot be determined

12. The figure was given on the left-hand each problem is folded to form a cube. Choose 1 point from amongst the alternatives (a), (b), (c), (d), and the cubes that are similar to the cube formed. *



(a)



(b)



(c)



(d)

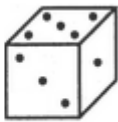
(X)

- A. a
- B. b
- C. c
- D. d

13. Two positions of a cube are shown below. When the number 4 will be at the bottom, 1 point then which number will be at the top? *



(i)

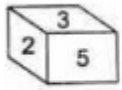


(ii)

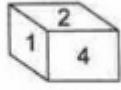
- A. 3
- B. 5
- C. 6
- D. None of these

14. Which number is on the face opposite to facing having number 1? *

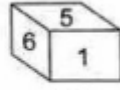
1 point



(i)



(ii)



(iii)

- A. 2
- B. 3
- C. 4
- D. 5

15. Four positions of a dice are given below. Identify the number at the bottom when the top is 3? *

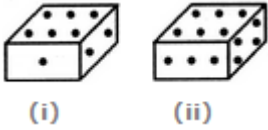
1 point



- A. 5
- B. 1
- C. 2
- D. 6

16. Two positions of a block are shown below: When six is at the bottom, what number will be at the top? *

1 point



- A. 1
- B. 2
- C. 4
- D. 5

17. A dice is numbered from 1 to 6 in different ways. If 1 is opposite to 5 and 2 is opposite to 3, then *

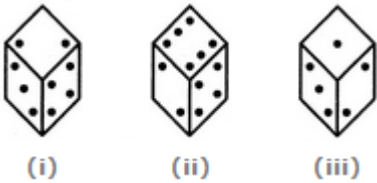
1 point

- A. 4 is adjacent to 3 and 6
- B. 2 is adjacent to 4 and 6
- C. 4 is adjacent to 5 and 6
- D. 6 is adjacent to 3 and 4

18. A dice is numbered from 1 to 6 in different ways. If 1 is opposite to 2 and adjacent to 3 and 4, then which of the following statements is necessarily true? * 1 point

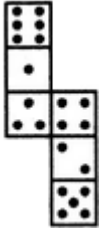
- A. 2 is adjacent to 6
- B. 3 is adjacent to 4
- C. 4 is opposite to 6
- D. 3 is opposite to 5

19. Which number is on the face opposite 4, if the four different positions of a dice are as shown in the figure given below. * 1 point



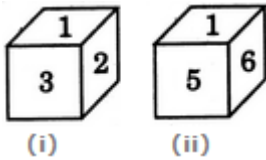
- A. 5
- B. 3
- C. 2
- D. 1

20. Observe the die. If the surfaces of the above die are reconstructed to form a perfect die. How many dots lie opposite to the face having three dots? *



- A. 2
- B. 4
- C. 5
- D. 6

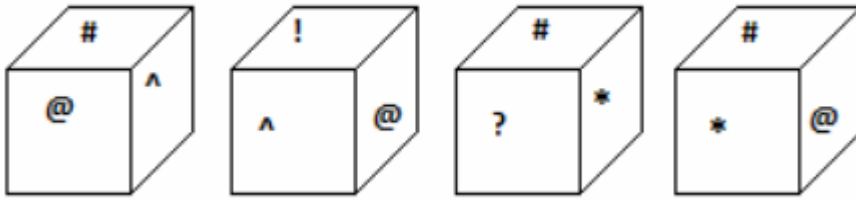
21. Two positions of a dice are shown. When 4 is at the bottom, what number will be on the top? *



- A. 1
- B. 2
- C. 5
- D. 6

22. Here 4 positions of a cube are shown. Which sign will be opposite to '*' ? *

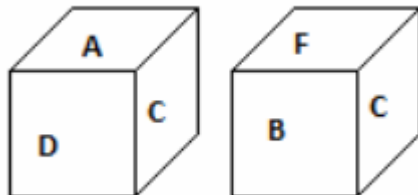
1 point



- a. @
- b. !
- c. ^
- d. ?

23. Two positions of a cubical block are shown. When 'E' is at the top which alphabet will be at bottom? *

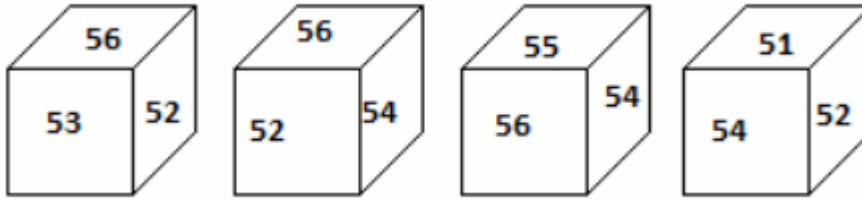
1 point



- a. C
- b. A
- c. D
- d. None of these

24. Which number is on the face opposite to 56? *

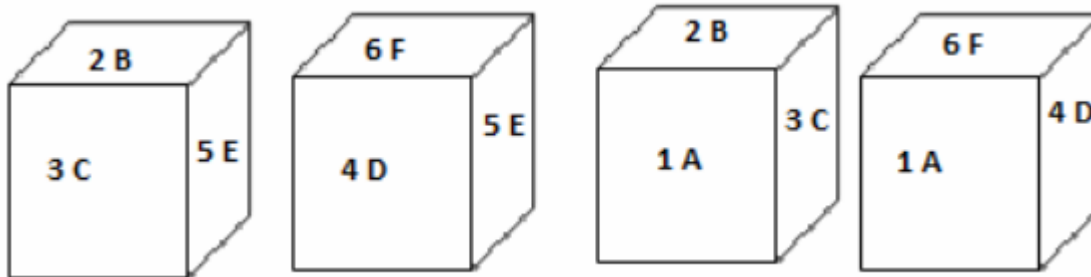
1 point



- a.54
- b.55
- c.50
- d. None of these

25. How many points will be on the face opposite to in face which contains '2B' ? *

1 point



- a. 4 D
- b. 6 F
- c. 5 E
- d. 1 A

Thankyou!!!

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