I. Inductive/Logical Test
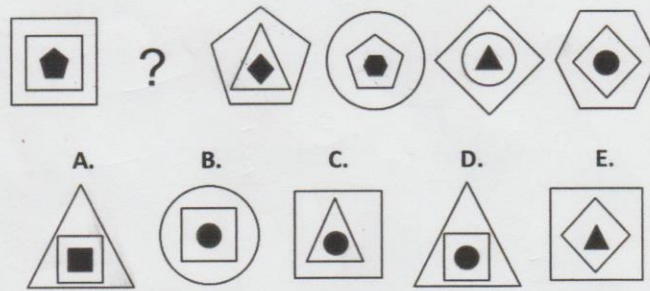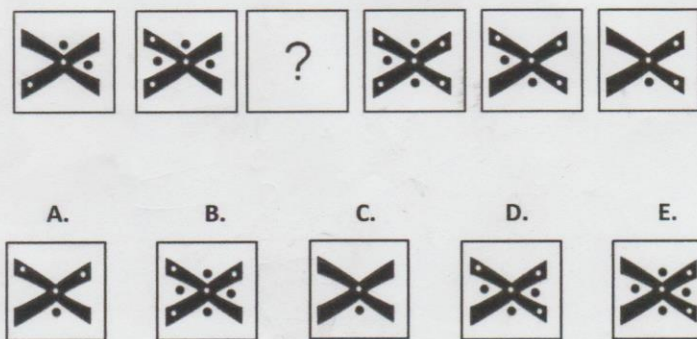
Choose the image that completes the pattern.
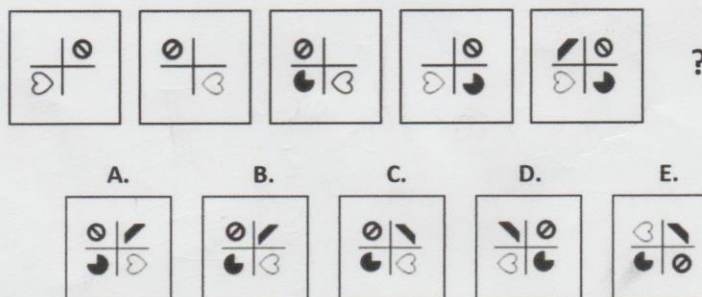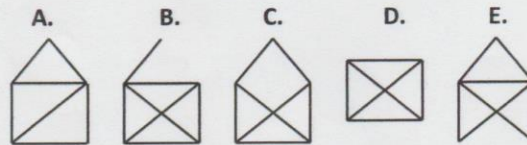
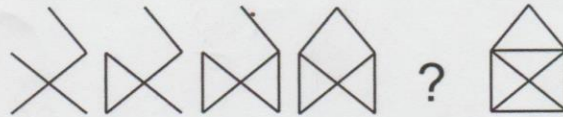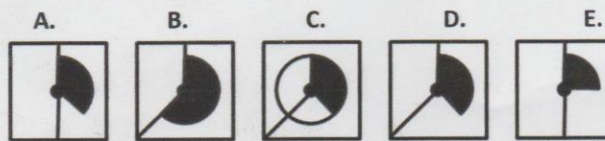**1.**

▢(pentagon)	?	△(diamond)	○(pentagon)	◇(triangle)	⬡(circle)

A.	B.	C.	D.	E.
△(square)	○(square)	▢(triangle circle)	△(circle)	▢(diamond triangle)

2.

X	X	?	X	X	X

A.	B.	C.	D.	E.
X	X	X	X	X

- -

3.

▢	▢	▢	▢	▢	?

A.	B.	C.	D.	E.
▢	▢	▢	▢	▢

4.

A.   B.   C.   D.   E.

5.

A.   B.   C.   D.   E.

6.
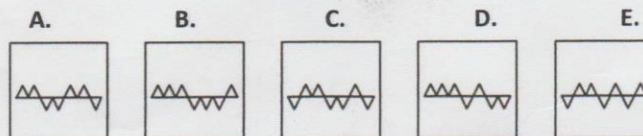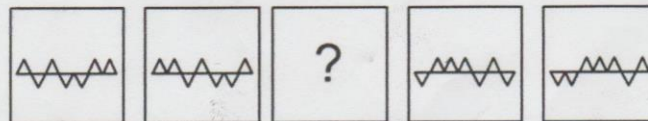
A.   B.   C.   D.   E.

7.

| A. | B. | C. | D. | E. |

8.
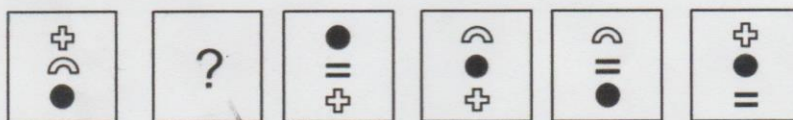
| A. | B. | C. | D. | E. |

---
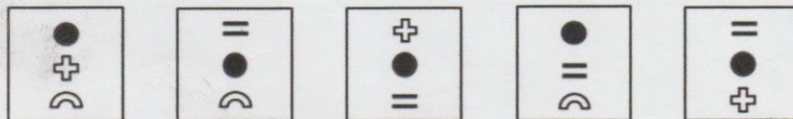
9. CHOOSE THE ODD ONE OUT

| A. | B. | C. | D. | E. |

10. CHOOSE THE ODD ONE OUT

A.	B.	C.	D.	E.

----
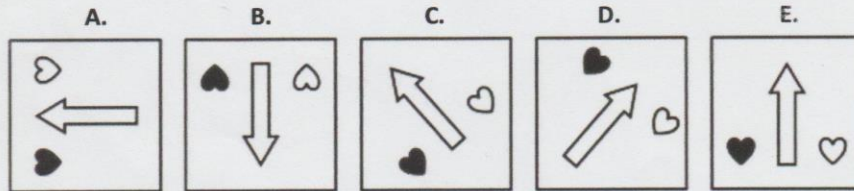
11. What is the next shape in this series?

A.	B.	C.	D.	E.

12.
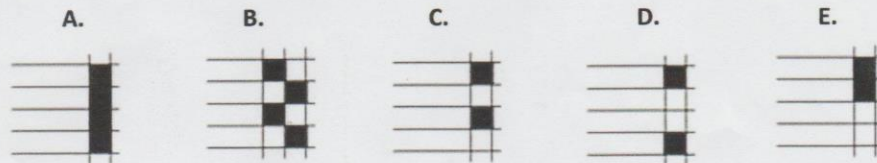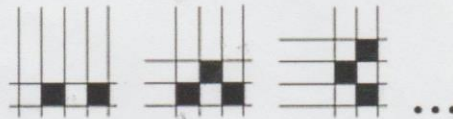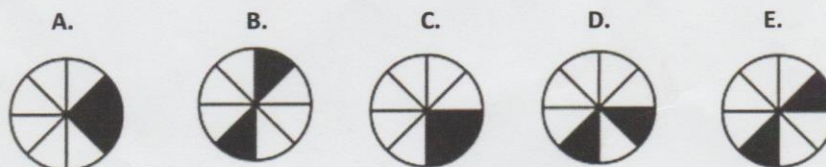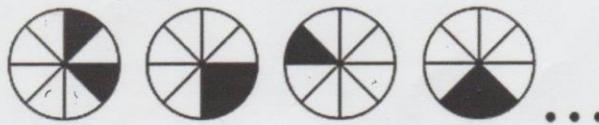
A.	B.	C.	D.	E.

13.
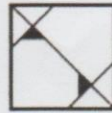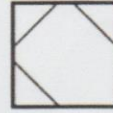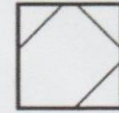
A.	B.	C.	D.	E.

14.
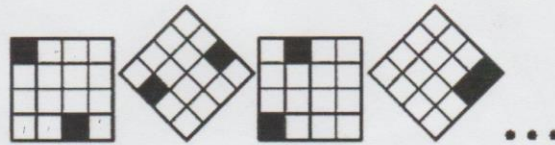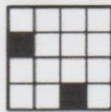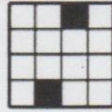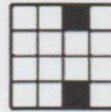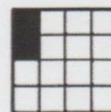
A.	B.	C.	D.	E.

15.
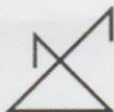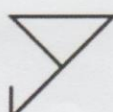
A.	B.	C.	D.
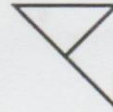
II. English Grammar

1. He goes to his guitar lessons _____.

    a. by underground
    b. on underground
    c. with underground
    d. in underground

2. _____ sugar for my coffee!

    a. There aren't any
    b. There is any
    c. There isn't no
    d. There isn't any

3. Every year, he goes to the coast for his holiday _____.

    a. in train
    b. on train
    c. by train
    d. with train

4. _____ orange juice in the fridge.

    a. There isn't no
    b. There is any
    c. There isn't any
    d. There aren't no

5. I have class _____.

    a. on Monday
    b. in Monday
    c. at Monday
    d. by Monday

6. I've lost my keys. I can't find them _____.

    a. Anywhere
    b. Nowhere
    c. Everywhere
    d. Somewhere

7. She arrived _____ Victoria Station half an hour late.

    a. in
    b. at
    c. on
    d. by

8. If I won the lottery, I _____ a house in the country.

    a. will buy
    b. have bought
    c. would buy
    d. would have bought

9. "_____ have you been waiting?" Only a few minutes".

    a. How long
    b. How long time
    c. What time
    d. For how long

10. If you'd come to the theatre last night, you _____ the play.

    a. would enjoy
    b. had enjoy
    c. would have enjoy
    d. will enjoy

11. Your cough is terrible! You _____ quit smoking.

    a. mustn't
    b. should
    c. would
    d. may

12. I wouldn't do that if I _____ you.

    a. am
    b. have been
    c. were
    d. would be

13. It was really difficult, but eventually he _____ get tickets for the match.

    a. was able to
    b. can
    c. could
    d. would can

14. I _____ working at night nowadays.

    a. used to
    b. used
    c. am used to
    d. would

15. Where have you put my keys? I clearly remember _____ them on the table last night.

    a. to leave
    b. left
    c. did leave
    d. leaving

16. You look tired. You _____ go to bed.

    a. need
    b. have
    c. should have
    d. ought to

17. Don't drink and drive again. You _____ easily been killed.

    a. can
    b. should have
    c. could have
    d. would

18. Neither she nor her friend _____ invited to the party.

    a. have
    b. has been
    c. will have
    d. has

19. _____ any further information, do not hesitate to contact me.

    a. Should you need
    b. You should need
    c. Unless you need
    d. You will need

20. Thanks for having me! I've had _____ with you guys.

    a. so fun
    b. such fun
    c. good time
    d. so good time

III. Basic Math.

1. 19 + _____ = 42

    a. 23
    b. 61
    c. 0
    d. 42

2. What is the symbol of pi?

    a. €
    b. Π
    c. Ω
    d. ∞

3. Arrange the numbers in ascending order: 36, 12, 29, 21, 7.

    a. 36, 29, 21, 12, 7
    b. 36, 29, 7, 21, 12
    c. 36, 29, 7, 21, 12
    d. None of these

4. What is the greatest two-digit number?

    a. 10
    b. 90
    c. 11
    d. 99

5. How much is 90 − 19?

    a. 71
    b. 109
    c. 89
    d. None of these

6. 20 is divisible by _____.

    a. 1
    b. 3
    c. 7
    d. None of these

7. Find the value of x; if $x = (2 \times 3) + 11$.

    a. 55
    b. 192
    c. 17
    d. 66

8. What is the smallest three-digit number?

    a. 100
    b. 999
    c. 111
    d. 101

9. How much is $190 - 87 + 16$?

    a. 103
    b. 261
    c. 87
    d. 119

10. What is 1000×1 equal to?

    a. 1
    b. 1000
    c. 0
    d. None of these

11. If a, b, c, ..., x, y, z are 26 natural numbers, then the value of $(x - a) (x - b) (x - c) .... (x - y) (x - z)$ is :

    a. 0
    b. 1
    c. 13
    d. 26
    e. ½

12. 789 + _____ = 804

    a. 15
    b. 20
    c. 25
    d. 22
    e. 40

13. The cost to ride on a ferry is $5.00 per vehicle and driver with an additional cost of 50 cents per passenger. If the charge to get on the ferry is $6.50, how many people were in the vehicle?

    a. 1
    b. 2
    c. 3
    d. 4
    e. 5

14. What is the millimeter of 120cm?

    a. 120000
    b. 0.120
    c. 1200
    d. 0.1200
    e. None

15. In a number of three digits, the digits in the unit's place and the ten's place are equal and the sum of all the digits is 8. The digit of unit place is:

    a. 4
    b. 3
    c. 5
    d. 6
    e. None

16. Find the value of x; if x = (10 × 30) + (5 x 4) -10 = ?
    a. 410
    b. 210
    c. 200
    d. 310
    e. None

17. The sum of the squares of three consecutive natural numbers is 2030. Then what is the middle number?

a. 27
b. 26
c. 25
d. 28
e. 24

18. _____ / 2 = 250

a. 240
b. 500
c. 96
d. 144
e. 345

19. The digit of two-digit number is in the ratio of 2:3 and the number obtained by interchanging the digits is bigger than the original number by 27. What is the original number?

a. 69
b. 96
c. 46
d. 64
e. 54

20. If y(x-1)=z then x=

a. y-z
b. z/y + 1
c. y(z-1)
d. z(y-1)
e. 1-zy