

CDS DAT Sample Paper

1) A person had deposited Rs 2500 in a bank on 1st January and withdrew Rs 1000 from the bank at the end of 9 months. If the rate of interest is 4% p.a., then the total interest payable to him at the end of the year is:

- (a) Rs 80
- (b) Rs 84
- (c) Rs 105
- (d) Rs 90

2) A shopkeeper bought pens at the rate of 12 pens for Rs 150 and sold them at the rate of 10 pens for Rs 130. The number of pens he should sell to earn a net profit of Rs 20 is:

- (a) 10
- (b) 20
- (c) 30
- (d) 40

3) The population of a town was 2,00,000. If the number of males increased by 10% and the number of females decreased by 6%, the total population would have remained unchanged. The number of males is:

- (a) 80,000
- (b) 72,000
- (c) 75,000
- (d) 90,000

4) In a certain examination there are three papers and it is necessary for a candidate to get 36% of the total marks to pass. In one paper a candidate obtained 62 out of 120 and in the second paper he obtained 35 out of 150. To just qualify for pass he must obtain out of 180 in the 3rd paper.

- (a) 35
- (b) 45
- (c) 55
- (d) 65

5) If 45 students can consume a stock of food in 2 months, find for how many days the same stock of food will last for 27 students.

- (a) 100
- (b) 120
- (c) 85
- (d) 110

6) A pot full of water weighs 9.5 kg. When half-filled with water the pot weighs 5.5 kg. The weight of the empty pot is (in kg):

- (a) 4
- (b) 1.5
- (c) 2
- (d) 3.5

7) Of the four numbers p, q, r, s, the ratio of the first number to the second is 2: 3, that of the second to the third is 5: 6 and that of the third to the fourth is 8: 9. The continued ratio of the four numbers is:

- (a) 40 : 60 : 72 : 81
- (b) 4 : 6 : 7 : 8
- (c) 1 : 2 : 3 : 4
- (d) 42 : 65 : 70 : 91

8) A man swimming in a stream which flows 1.5 km per hour finds that in a given time he can swim twice as far with the stream as he can against it. The rate at which he swims is:

- (a) 4.5 km per hour
- (b) 4 km per hour
- (c) 3 km per hour
- (d) 3.5 km per hour

9) A person had deposited Rs 2500 in a bank on 1st January and withdrew Rs 1000 from the bank at the end of 9 months. If the rate of interest is 4% p.a., then the total interest payable to him at the end of the year is:

- (a) Rs 80
- (b) Rs 84
- (c) Rs 105
- (d) Rs 90

The question below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and give answer:

- (1) If the data in Statement I alone are sufficient to answer the question, while the data in Statement II alone are not sufficient to answer the question.
- (2) If the data in Statement II alone are sufficient to answer the question, while the data in Statement I alone are not sufficient to answer the question.
- (3) If the data either in Statement I alone or in Statement II alone are sufficient to answer the question.
- (4) If the data in both the Statements I and II are not sufficient to answer the question.
- (5) If the data in both the Statements I and II together are necessary to answer the question.

10) How many sisters does P have?

I. T & V are only sisters of D.

II. D is brother of P.

- (a) 1
- (b) 2
- (c) 3
- (d) 4
- (e) 5

11) How is 'over' written in a code language?

I. 'Over and again' written as 'Ka ja ha' in that code language.

II. 'Come and go' is written as 'ja pa na' in that code language.

- (a) 1
- (b) 2
- (c) 3
- (d) 4
- (e) 5

12) Who is to the immediate right of Mohan when Mohan, Salil, Bhushan, Suresh and Jayesh are sitting around a circle facing at the centre?

- I. Salil is third to the left of Mohan.
- II. Bhushan is between Salil and Jayesh.

- (a) 1
- (b) 2
- (c) 3
- (d) 4
- (e) 5

Choose the exact meaning of the idioms/phrases from the given alternatives.

13) Against the grain

- (a) Contrary to one's nature or inclination
- (b) Against the law of nature
- (c) Trying very hard to achieve something impossible
- (d) Against the will of others.

14) Hook, line and sinker

- (a) Elaborately
- (b) Judiciously
- (c) Willful preparation
- (d) Completely

Choose one of the alternatives which will replace the underlined part of the sentences in these questions, so as to make them most effective and meaningfully correct

15) The easiest of the thing to do is to ask the address from the postman.

- (a) of the things to do
- (b) among the things to do
- (c) of the things to be done
- (d) of all the things done

16) The chemist had not hardly any of these kind of medicines.

- (a) had hardly any of those kinds
- (b) had hardly not any of those kinds
- (c) had scarcely any of those kind
- (d) had hardly any of those kind

17) In the question below there are three statements followed by three conclusions numbered I, II and III. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements.

STATEMENTS:

- 1. All dogs are birds
- 2. Some birds are trees.
- 3. No house is tree

CONCLUSIONS: I. Some houses are dogs. II. Some birds are dogs. III. Some trees are dogs.

- (a) Only I follows.
- (b) Only III follows.
- (c) Only II follows.
- (d) Only II and III follows.
- (e) None of these.

18) Who among the following is not a fashion designer:

- (a) Ritu Kumar
- (b) Shiv Kumar Sharma
- (c) Tarun Tahiliani
- (d) Rahul Khanna

19) National Gallery of Modern Art is located at:

- (a) Mumbai
- (b) Kolkata
- (c) New Delhi
- (d) Lucknow

20) Which of the following is not a system of colour notation?

- (a) Ostwald
- (b) Rocky

- (c) Munsell
- (d) Prang

Answers-

Answer Key			
Q1. Ans: (d)	Q2. Ans: (d)	Q3. Ans: (c)	Q4. Ans: (d)
Q5. Ans: (a)	Q6. Ans: (b)	Q7. Ans: (a)	Q8. Ans: (a)
Q9. Ans: (d)	Q10. Ans: (e)	Q11. Ans: (d)	Q12. Ans: (e)
Q13. Ans: (a)	Q14. Ans: (d)	Q15. Ans: (a)	Q16. Ans: (d)
Q17. Ans: (c)	Q18. Ans: (b)	Q19. Ans: (c)	Q20. Ans: (b)

PASSAGE

I was late bloomer and always envied those people who stood out in high school because I didn't. I learned early on thought that it's essential to set yourself apart from the group. Life is one struggle after another to succeed, particularly when you're starting out. If your biodata is sitting at the bottom of a pile of junk mall, sometimes a distinctive approach will get you noticed, especially if the competition is fierce.

Once my partner Jerry and I asked the other freelance writers of a TV serial what characters they hated to write for the most. Everybody said the same thing-they disliked writing for the minor characters because they thought that writing for them wouldn't help them get other jobs. Jerry and I decided that we would write scripts for the minor character because that's what was needed and we needed to set ourselves apart. In the first script, Jerry and I wrote a school-girl falls in love with a boy in her class. The producers loved the story. And with that one script, Jerry and I were not longer just another comedy-writing team.

21. The author is of the opinion that

- (a) one should be part of the group
- (b) one should be different for others
- (c) it is important to do well in high school
- (d) one should heed to the advice of the seniors

Ans - b

22. The author had been

- (a) into advertising business
- (b) a comedy writer
- (c) a music director
- (d) a news reader

Ans- b

23. Jerry and the author wrote scripts for the minor characters

- (a) to realize their creative potential
- (b) to earn more money
- (c) to establish a different image
- (d) because they did not have enough work

Ans- c

24. In a row of boys, Anand is eleventh from the left and Deepak is fifteenth from the right. When Anand and Deepak interchange their positions Anand will be fifth from the left. 'Which of the following will be Deepak's position from the right after rearrangement?

- (a) Seventh
- (b) Seventeenth
- (c) Eleventh
- (d) None of these

Ans- d

25. Ram starts from his house on cycle and goes 10 km towards North-East. He turns to the left and cycles 8 km, then he turns towards South-East and cycles for another 10 km. Finally, he turns towards his house. In which direction is he going now?

- (a) South
- (b) South-East
- (c) West

(d) North-West

Ans- c

Questions 26 to 47 are multiple choice questions. Please read the question carefully and select your response from the options provided. The correct answer must be marked in the OMR answer sheet provided separately. Do not write your name anywhere in the booklet. This will lead to disqualification.

26. The icon below is associated with:



(A) Women

(B) Gay

(C) Labour

(C) Transgender

Ans- D

27. Match the following line strokes with the related tools with which they



were created, depicted in sequence from left to right.

(A) Pen, Flat brush, Calligraphy pen, Round brush

(B) Calligraphy pen, Round brush, Pen, Flat brush

(C) Pen, Round brush, Calligraphy pen, Flat brush

(D) Calligraphy pen, Flat brush, Pen, Round brush

Ans- D

28. Which textile craft does the image below represent?



- (A) Kalamkari
- (C) Ikkat

- (B) Tie and dye (Bandhani)
- (D) Block print

Ans- C

29. Which of the following DOES NOT belong with the rest?

- (A) Wool
- (B) Cotton
- (C) Jute
- (D) Coir

Ans- A

30. Which of these dance forms is NOT a classical dance form?

- (A) Bharatnatyam
- (B) Manipuri
- (C) Odissi
- (D) Bihu

Ans- D

31. Annapurna Devi was a famous player of which instrument?

- (A) Sitar
- (B) Sarod
- (C) Surbahar
- (D) Sarangi

Ans- C

32. What is the inspiration for the design of the front portion of the Japanese bullet train?

- (A) Cheetah
- (B) Eagle
- (C) Kingfisher
- (D) Dolphin

Ans- C

33. During ancient times, people used to navigate with the help of

- (A) The planet Venus
- (B) The Phases of the moon
- (C) The Pole star
- (D) Birds

Ans- C

34. Which of the following Indian personalities is NOT known as an artist?

- (A) Raja Ravi Verma
- (B) Raja Rammohan Roy
- (C) Rabindranath Tagore
- (D) Ramkinkar Baij

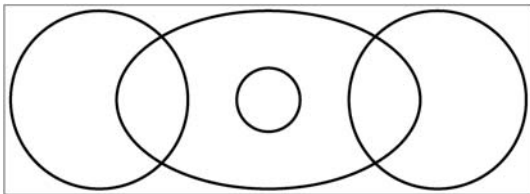
Ans- B

35. Which is the highest sporting award in India?

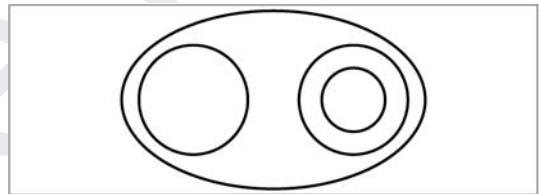
- (A) Rajiv Gandhi Khel Ratna Award
- (B) Dronacharya Award
- (C) Dhyan Chand Award
- (D) Maharaja Ranjit Singh Award

Ans- A

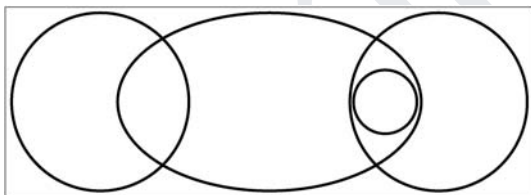
36. Which diagram shown below can best depict the relationship between the following 4 words – Boys/Girls/Sister/Sibling, where each of the categories are represented by circles/eclipses.



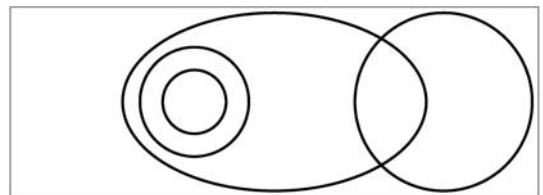
(A)



(B)



(C)



(D)

Ans- C

37. The weight of a mother and her child together is 70 kg. The weight of the father and the child together is 90 kg. The weight of the father and the mother together is 120 kg. What is the combined weight of the family?

- (A) 100 kg
- (B) 150 kg
- (C) 140 kg
- (D) 200 kg

Ans- C

38. Based on the graphical representation (Figure X) of the physical characteristics of the 4 rectangles – P, Q, R & S based on the four characteristics of *tall*, *thin*, *short* and *fat*, which of the following depiction of rectangles is correct?

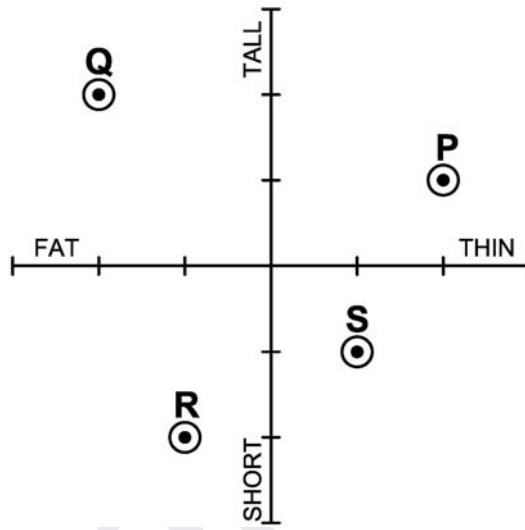
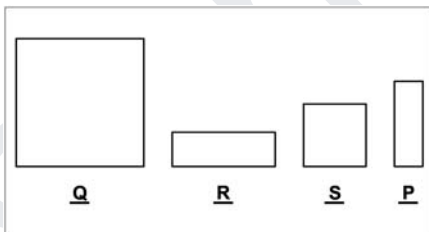
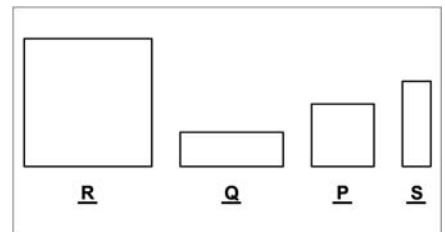


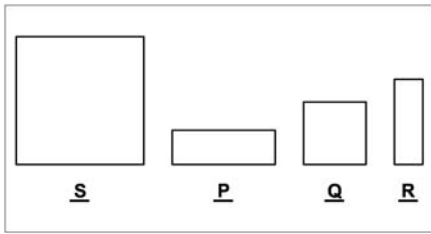
Figure X



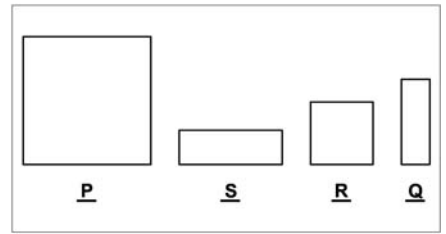
(A)



(B)



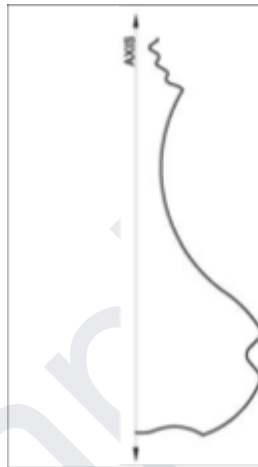
(C)



(D)

Ans- A

39. If the following profile is rotated along the given axis by 360 degrees, which of the following 3-dimensional form would be created?



(A)



(B)



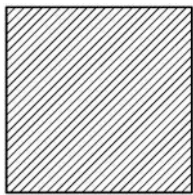
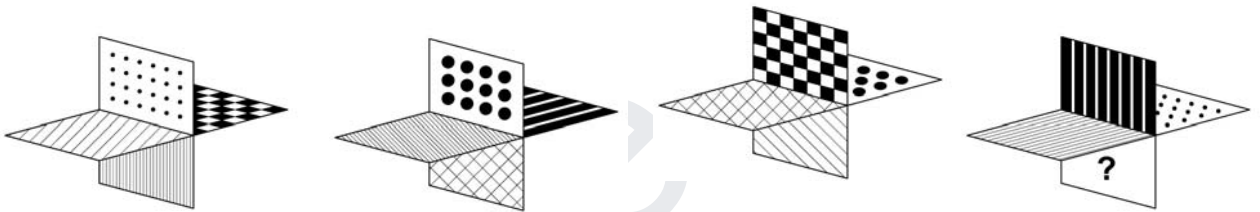
(C)



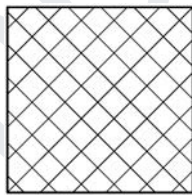
(D)

Ans- B

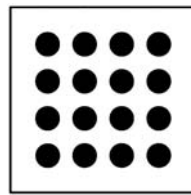
40. In the object given below, four different orientations are shown. Identify the pattern on the face with the "question mark(?)".



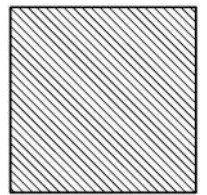
(A)



(B)



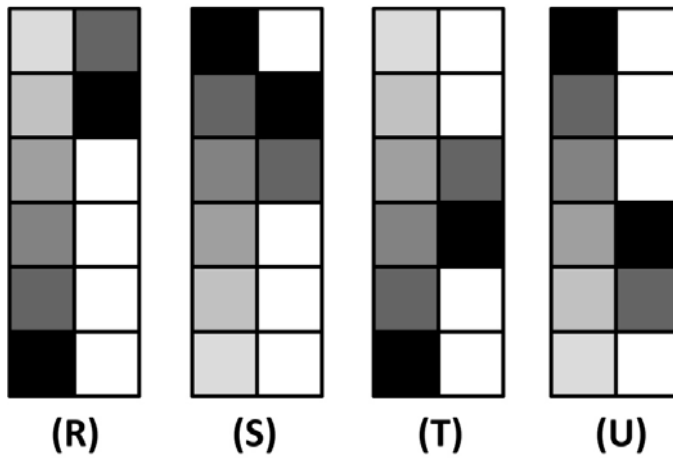
(C)



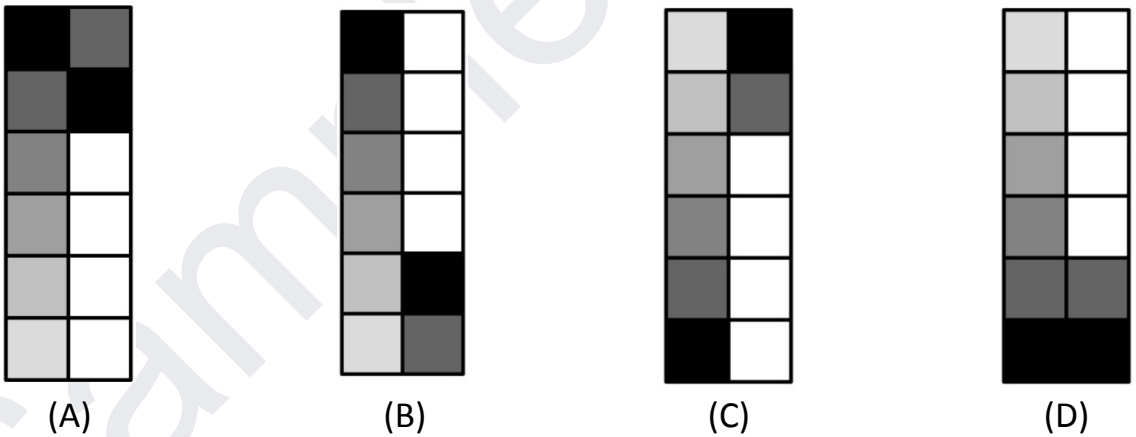
(D)

Ans- D

41. Four figures "R", "S", "T" and "U" are given below.

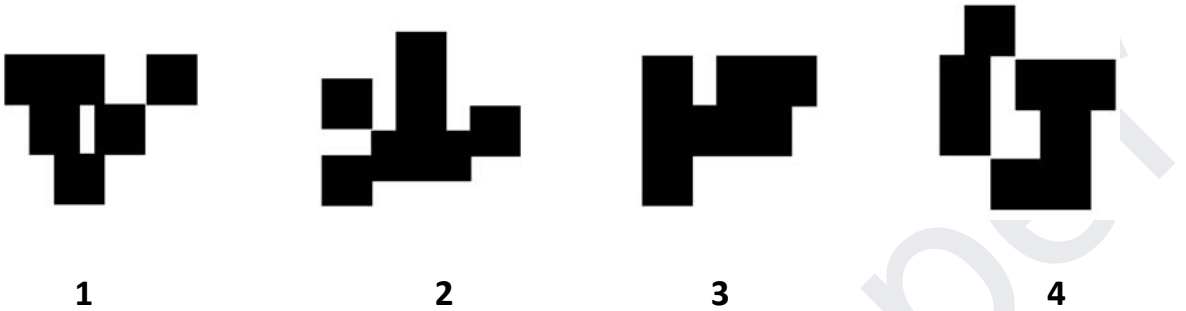


If figure "R" represents "ASC12", figure "S" represents "DES23", figure "T" represents "ASC34" and figure "U" represents "DES45", then which of the following figures will represent "DES12"?



Ans- A

42. Observe the images below and indicate which two images are equal in surface area?

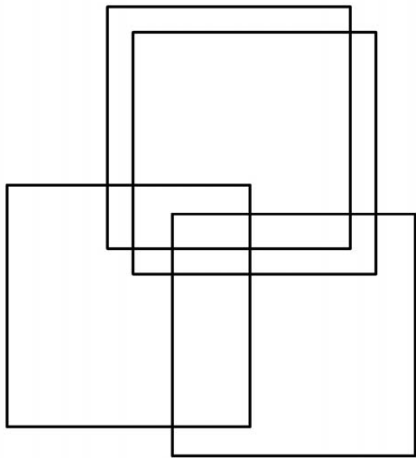


- (A) 1 and 2
- (C) 1 and 3

- (B) 2 and 3
- (D) 3 and 4

Ans-B

43. How many rectangles are there in the image given below?

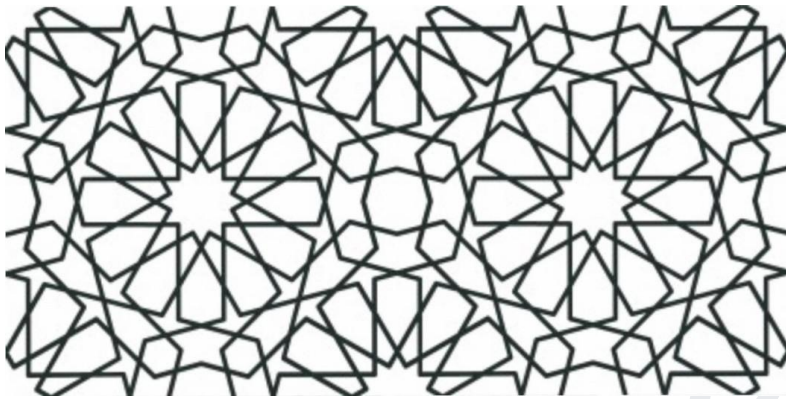


- (A) 15
- (C) 17

- (B) 21
- (D) 19

Ans- B

44. Identify the set of shapes which can lead to the following pattern using repetition and combination as a technique.



(i)



(ii)



(iii)



(iv)



(v)



(vi)

(A) (iii) (iv) (v) (vi)

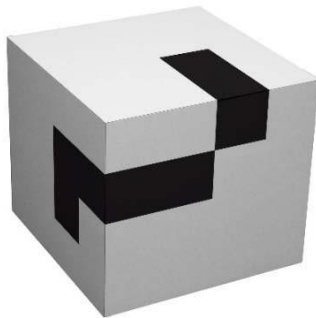
(B) (i) (iii) (v) (vi)

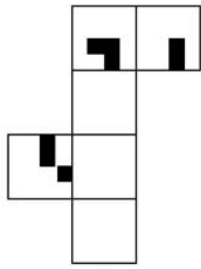
(C) (i) (ii) (iii) (v)

(D) (ii) (iv) (v) (vi)

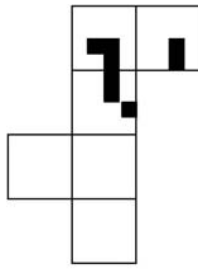
Ans- B

45. Which of the papers sets when folded along the intermediate borders can form the cube as given in the image below?

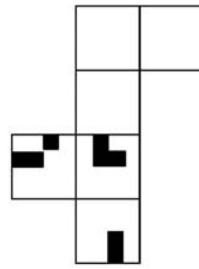




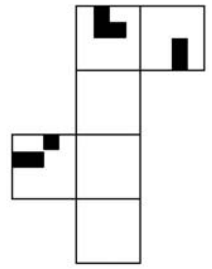
(A)



(B)



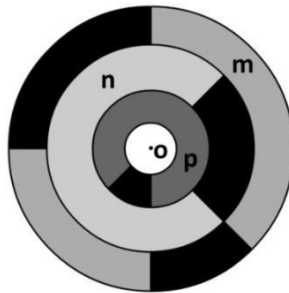
(C)



(D)

Ans- B

46. Observe the image given.



Please imagine the following process –

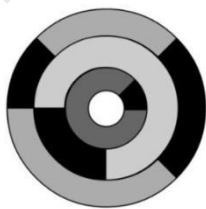
1. Rotate disc “m” 90 degrees clockwise around the center “o”
2. Rotate disc “n” 180 degrees counter-clockwise around the center “o”
3. Rotate disc “p” 180 degrees clockwise around

the center “o” What will the resultant figure

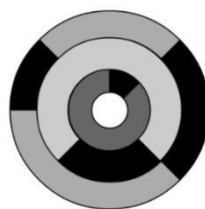
look like?



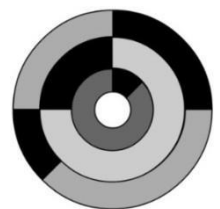
(A)



(B)



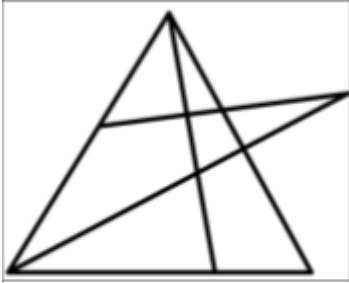
(C)



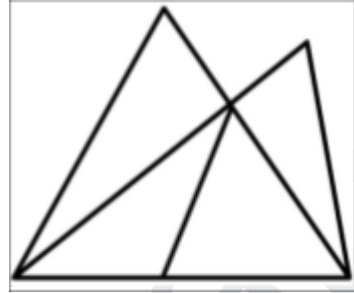
(D)

Ans- A

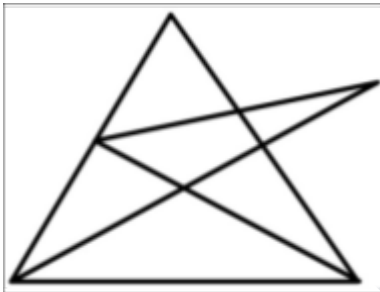
47. Which of the following figures can be drawn, if you have to draw it without lifting your pencil and without drawing over the line(s) you have already drawn.



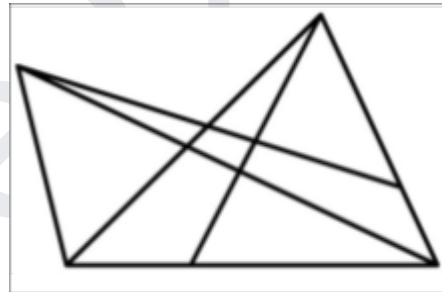
(A)



(B)



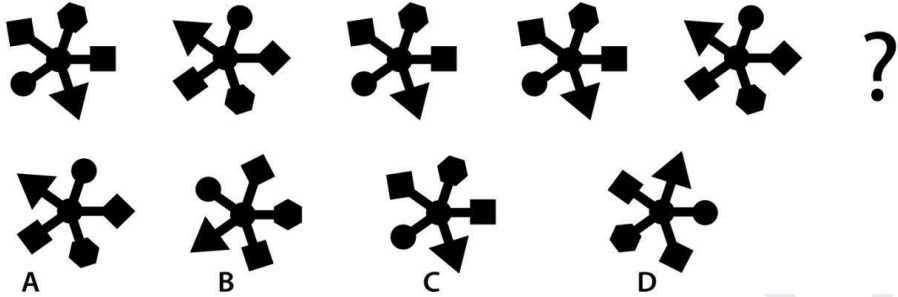
(C)



(D)

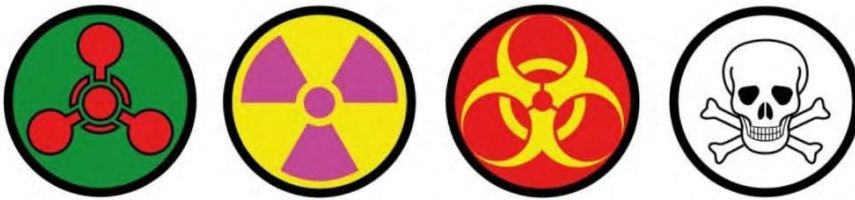
Ans- c

48. Choose the option that follows the logic of the sequence shown below.



Ans- D

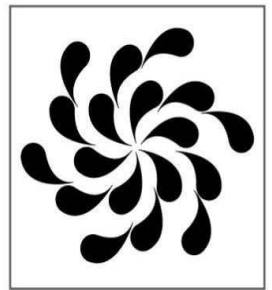
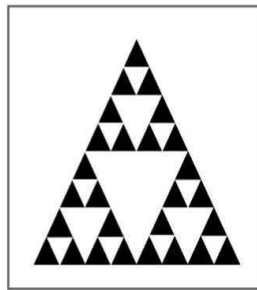
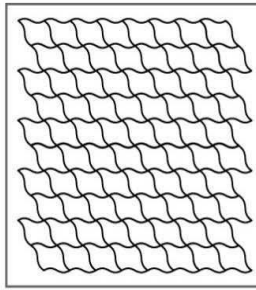
49. Shown are symbols used for different functions. Identify the correct description sequence from the given choices.



- (A) Chemical weapon, Computing, Cosmology, Death
- (B) Chemical Bonds, Computing, Aliens, War Zone
- (C) Isotopes, Computing, Biohazard, Devil Spirits
- (D) Chemical weapon, Radioactive, Biohazard, Toxic

Ans- D

50. Shown below are images that have different visual features. Identify the correct sequence of visual features associated with these images from the given choices.



- (A) Translational Symmetry, Asymmetric Repetition, Fractal Image, Fibonacci Series
- (B) Tessellation, Translational Repetition, Symmetric Repetition, Fractal Image
- (C) Fibonacci Series, Tiled Fractals, Figure and Ground Image, Spiral Symmetry
- (D) Radial Symmetry, Tessellation, Fractal Image, Rotational Repetition

Ans- D