

UCEED MOCK TEST



NAME:-

BATCH:-

DATE:-

INSTRUCTIONS:-

Total Questions – 57

Total Marks – 200 Marks

Instructions:-

PART-A

Section 1: Numerical Answer Type (NAT) questions

Section 1 (56 Marks) of Part-A contains a total of 14 Numerical Answer Type (NAT) questions.

For each question, the answer is a real number that needs to be entered using the virtual keyboard on the monitor. Questions from 1 to 14 belong to this section.

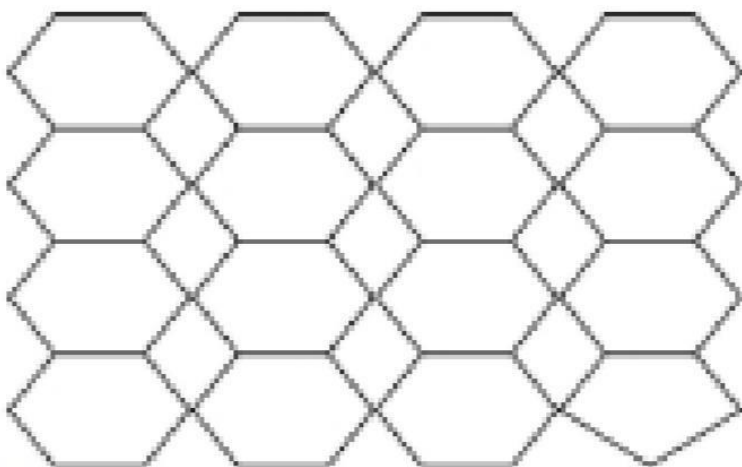
Section 2: Multiple Select Questions (MSQ)

Section 2 (60 Marks) of Part-A contains a total of 15 Multiple Select Questions (MSQ). Each question may have one or more than one correct choice(s) out of the four given.

Section 3: Multiple Choice Questions (MCQ)

Section 3 (84 Marks) of Part-A contains a total of 28 Multiple Choice Questions (MCQ). Each question has four choices out of which ONLY ONE is the correct answer.

1 . How many hexagon can you find here?

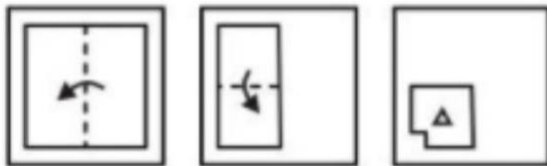


2. In a certain code language, MUSIC is coded as 60, and TUNE is coded as 56. How will LYRIC be coded as in that language?

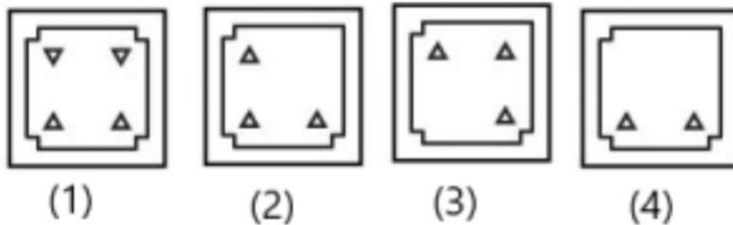
Ans.._____

3. Direction: A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened?

Question figure:

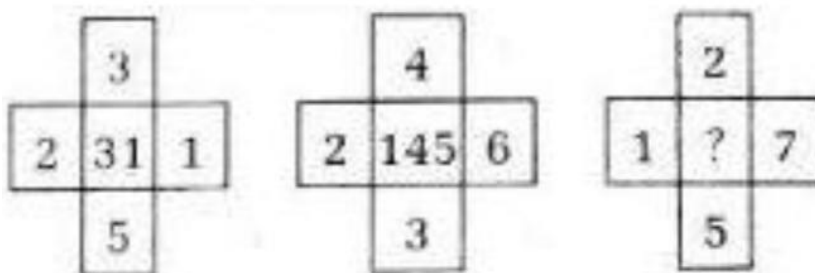


Answer figures:



Ans_____

4. In the following question, find the number which can be placed at the sign of the question mark (?).



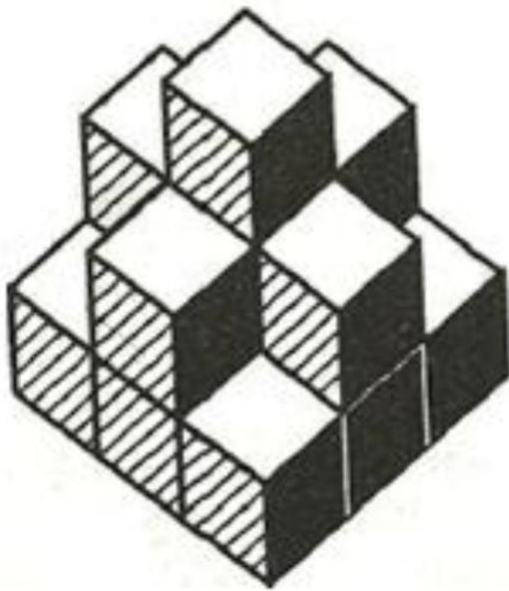
Ans_____

5. A cuboid shaped wooden block has 4 cm length, 3 cm breadth and 5 cm height. Two sides measuring 5 cm x 4 cm are colored in red. Two faces measuring 4 cm x 3 cm are colored in blue. Two faces measuring 5 cm x 3 cm are colored in green.

Now the block is divided into small cubes of side 1 cm each. How many small cubes will have three faces colored ?

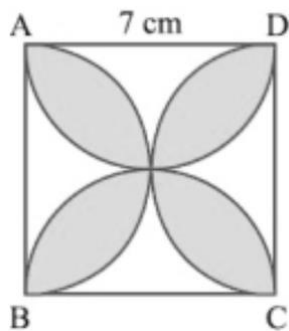
Ans _____

6. Count the number of cubes in the following figure :



Ans _____

7. Find the area of the shaded portions in the figure, where ABCD is a square of side of 7cm.



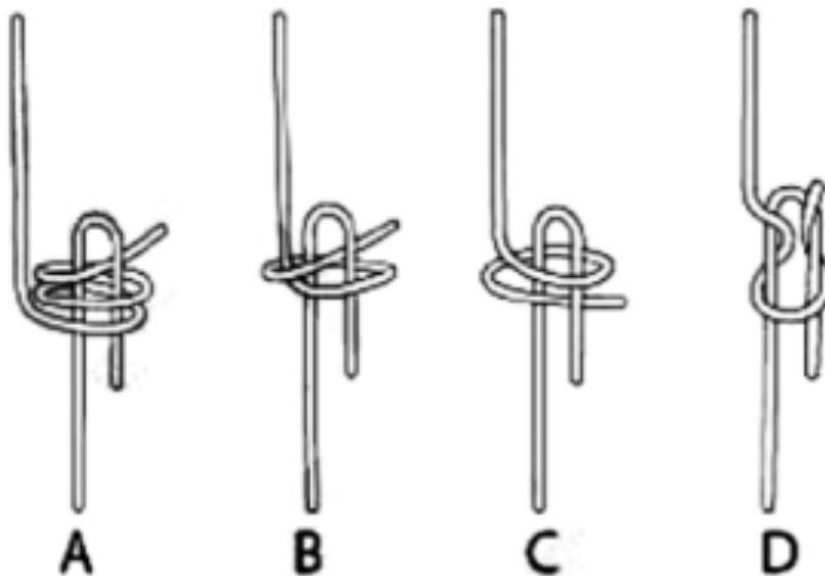
Ans _____

8. Find the number that will come into the place of the question mark (?).

3	4	6
5	7	3
1	2	7
35	69	?

Ans _____

9. The figures show four different schematics of two flexible strings. If all the ends are pulled tight, which of the figures will form a knot?



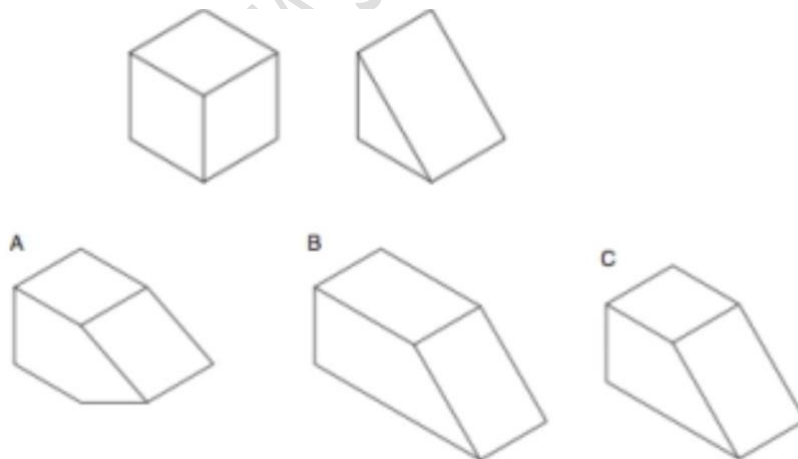
Ans _____

10. Identify the Indian traditional Art below



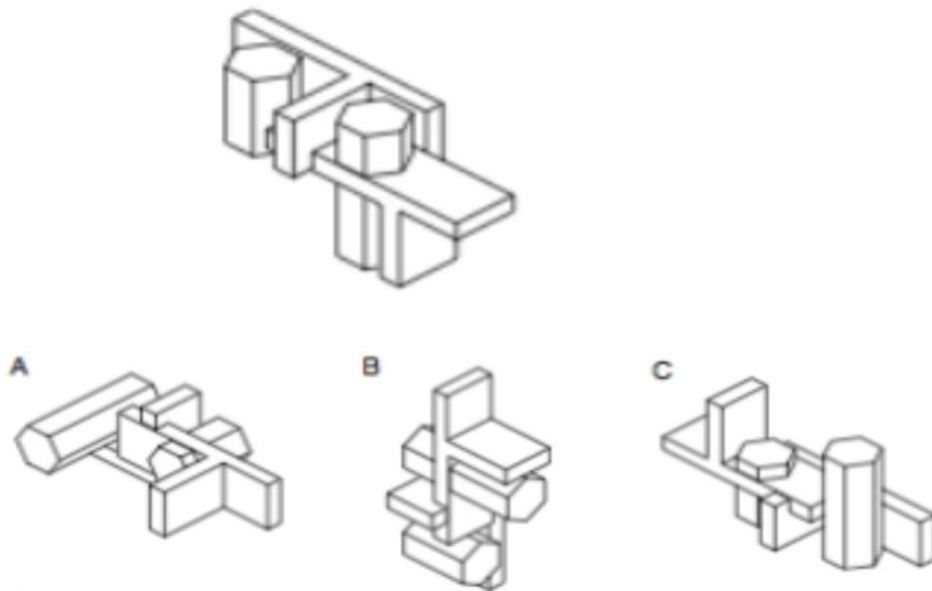
Ans_____

11. In this question identify the new shape that could be constructed if the two example shapes were combined. No other change should be made to the two shapes other than combining them.



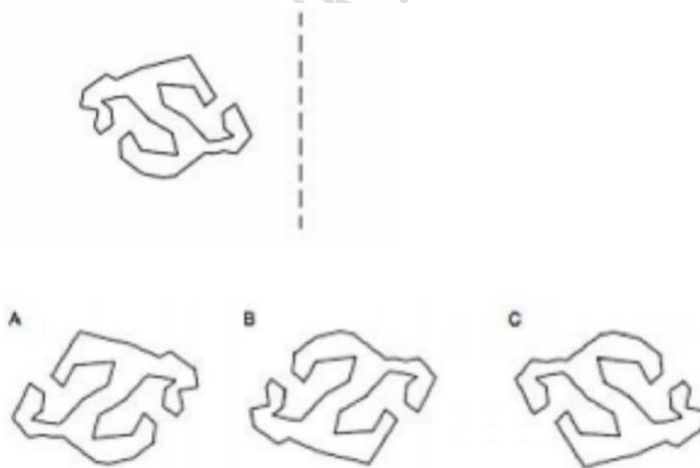
Ans _____

12. Identify the answer shape, which has been rotated but is otherwise the same as the question shape.



Ans ____

13. Identify the mirror image of the question shape.



Ans ____

14. A square is cut into 7 pieces as shown on the extreme left of the image. Identify which of the options can be made using all 7 pieces.



A



B



C

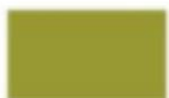


D

Ans _____

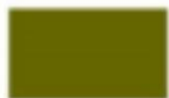
15.

If  becomes 

Then  Will become



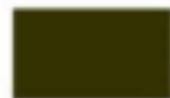
A



B



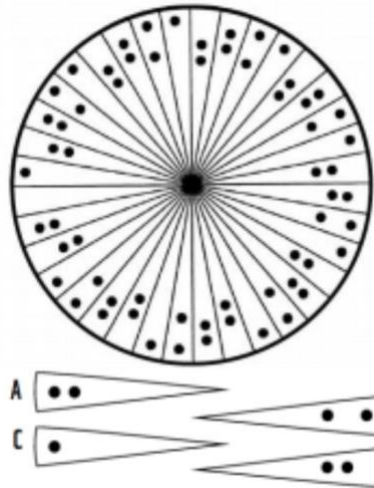
C



D

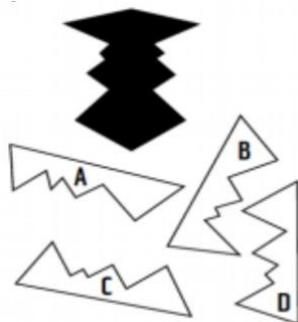
- a. A
- b. B
- c. C
- d. D

16. Which of the sectors below – A, B, C or D – should fill the empty sector in the circle?



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

17. A sheet of paper is folded in half and cuts made into it. The paper is then unfolded to reveal this shape. Which of the figures – A, B, C or D – shows the original cuts?



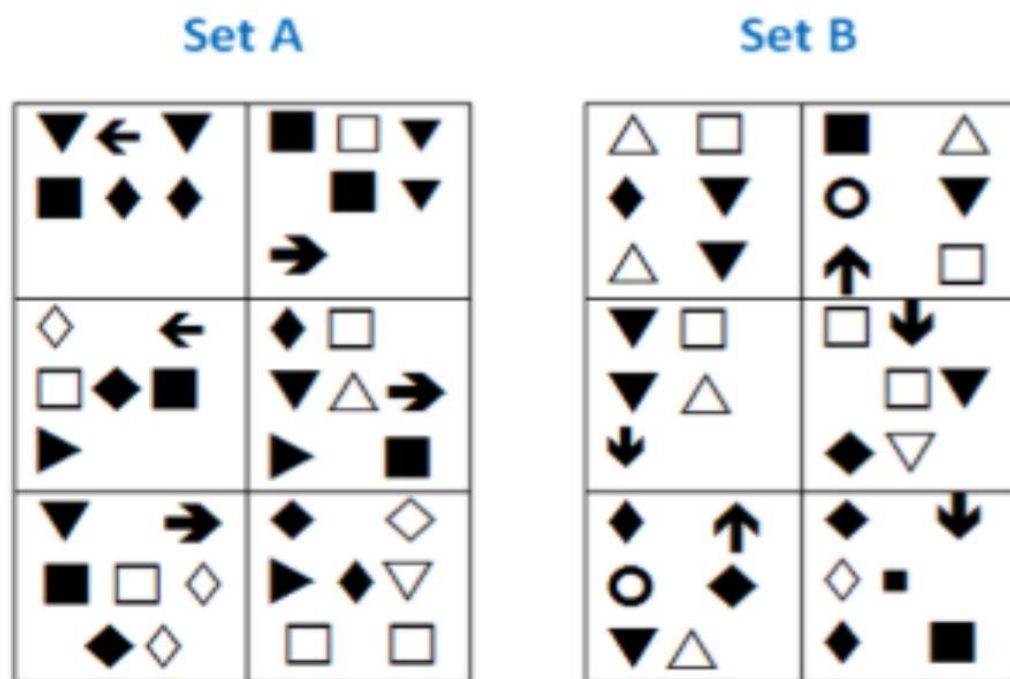
- a. A

b. B

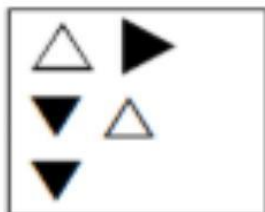
c. C

d. D

18. Select answer:-



INSTRUCTIONS - To which does the following belong: Set A; Set B; or Neither



a. Set A

b. Set B

c. Both set A and B

d. None of the above

19. What are the common "Perceptual channels"?

- a. Tactile
- b. Visual
- c. Auditory
- d. Kinesthetic

ans ____

20. Identify the paintings of Cezanne from the following:



A



B



C

Ans ____

21. Direction: In the following question, select the related words/letters/numbers from the given alternatives.

86:62 :: 49: ?

- a. 32
- b. 55
- c. 49
- d. 61

22. Identify the figure that completes the pattern.



(X)



(1)



(2)



(3)



(4)

- a. 1
- b. 2
- c. 3
- d. 4

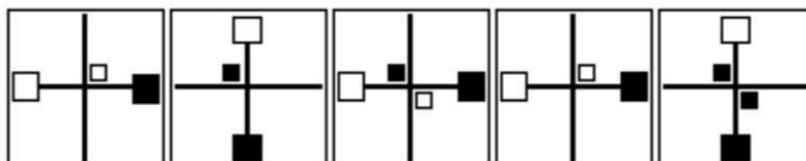
23. Who has been appointed as Executive Chairman of Samsung Electronics?

- A. Jay Y Lee
- B. Chung Yong-jin
- C. Hong Ra-hee
- D. Lee Boo-Jin

24. Halloween Day 2022 is being observed on which date?

- A. October 31
- B. October 30
- C. October 29
- D. October 28

25. Which figure is the odd one out?



A

B

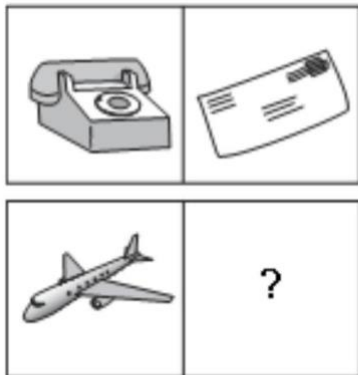
C

D

E

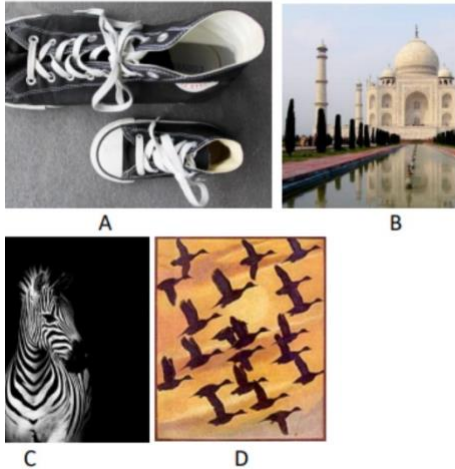
- a. E
- b. C
- c. A
- d. B

26. Choose the picture that would go in the empty box so that the two bottom pictures are related in the same way as the top two are related.



- a. 1
- b. 2
- c. 3
- d. 4

27. 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. Scale , balance, contrast, harmony
- b. balance, contrast, harmony, scale
- c. scale, contrast, scale, harmony
- d. None of the above

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



- a. Ultraviolet radiation, watch your step , biohazard
- b. Watch your step, biohazard, ultraviolet radiation
- c. Biohazard, ultraviolet radiation, watch your step
- d. Suffocation hazard , ultraviolet radiation, watch your step

29. Choose the alternative which is closely resembles the water-image of the given combination.

RAJ589D8

(1) KVA1280D8

(2) RAV1280D8

(3) KVA1280D8

(4) RAV1280D8

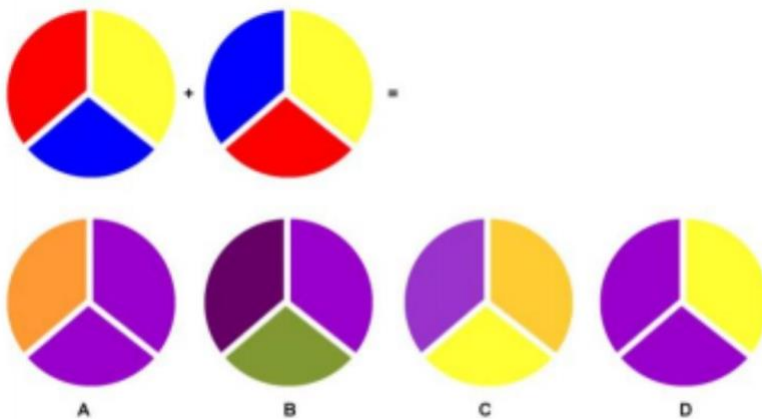
a. 1

b. 2

c. 3

d. 4

30. Choose from the given four options which is combination of both



a. A

b. B

c. C

d. D

31. Which of the following are true related to Paint brush.

a) Two basic types of bristles: natural and synthetic

b) Only one type: made from animal hair

- c) synthetic bristles are made from nylon
- d) synthetic bristles are made from Polyester
- e) Natural bristles are made from hog or badger

a. a,c,d,e

b. c,d,a,e

c. a,d,c,e

d. a,b,c,d

32. From the following options, choose the set of colors that is present in the painting below.



A

B

C

D

a. A

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

33. In the questions given below, a part of the sentence is underlined. Below are given alternatives to the underlined part, which may improve the sentence. Choose the correct alternative. In case no improvement is needed, option 'D' is the answer.

The workers are hell bent at getting what is due to them.

- a. Hell bent on getting
- b. Hell bent upon getting
- c. Hell bent in getting
- d. No improvement

34. What flightless bird leaves footprints like this?



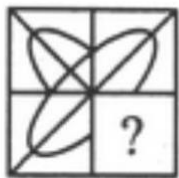
- a. Emu
- b. Kiwi
- c. Rhea
- d. Ostrich

35. Each question consist of two words which have a certain relationship to each other followed by four pairs of related words, Select the pair which has the same relationship

WAN:COLOUR

- a. corpulent: weight
- b. insipid: flavour
- c. pallid: complexion
- d. None of the above

36. Identify the figure that completes the pattern.



(X)



(1)



(2)



(3)



(4)

- a. 1
- b. 2
- c. 3
- d. 4

37. Identify the correct art techniques with which the following paintings have been made.



- a. Watercolor, Oil , Crayon, pastel
- b. Pastel, oil , watercolor, crayon
- c. oil , watercolor, crayon, pastel
- d. Acrylic, oil , watercolor, crayon

38. Choose the alternative which is closely resembles the water-image of the given combination.

rise

(1) L! 26

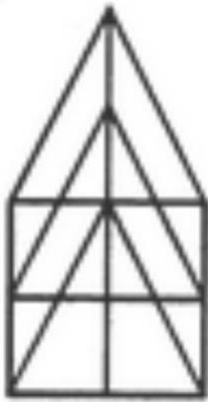
(2) esir

(3) 1i2e

(4) ezi1

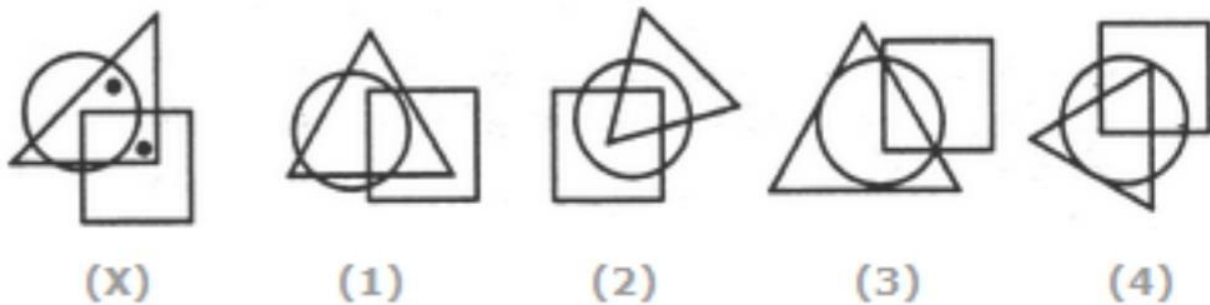
- a. 1
- b. 2
- c. 3
- d. 4

39. How many triangles and parallelograms are there in the following figure?



- a. 23,19
- b. 32,22
- c. 11,10
- d. 21,17

40. Select the figure which satisfies the same conditions of placement of the dots as in Figure-X.



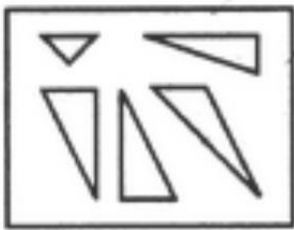
- a. 1
- b. 2
- c. 3
- d. 4

41. Identify the company name from it's logo

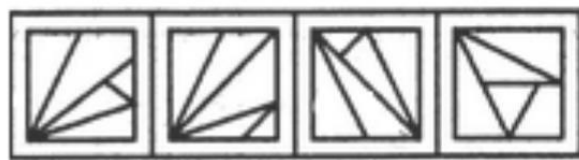


- a. Honda
- b. Hyundai
- c. Infiniti
- d. Nissan

42. Find out which of the figures (1), (2), (3) and (4) can be formed from the pieces given in figure (X).



(X)



(1)

(2)

(3)

(4)

- a. 1
- b. 2
- c. 3
- d. 4

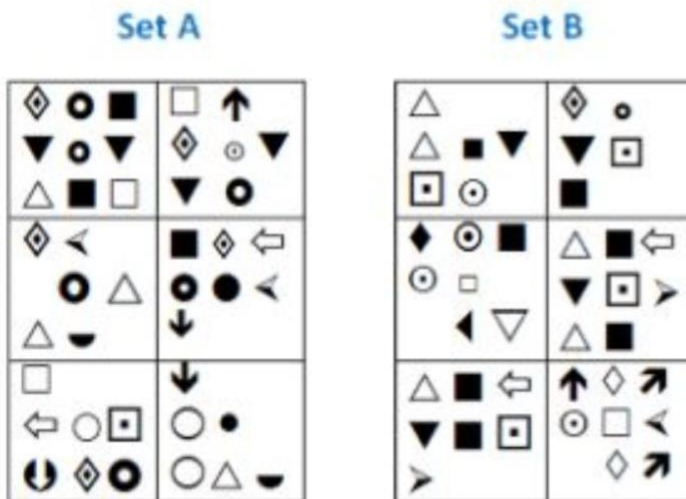
43. Windergy 2023 will be held in which city?

- A. Delhi
- B. Chennai
- C. Bangalore
- D. Hyderabad

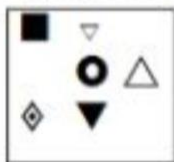
44. Which among the following countries has unveiled the FIFA Women's World Cup 2023 mascot Tazuni?

- A. India
- B. New Zealand
- C. Australia
- D. Both B and C

45. Answer the following



INSTRUCTIONS - To which does the following belong: Set A; Set B; or Neither



- a. Set A
- b. Set B
- c. Both A and B
- d. None of the above

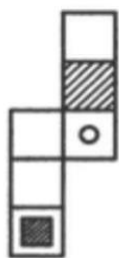
46. The famous painter Vincent van Gogh belonged to which country?

- a. Italy
- b. France
- c. Spain
- d. The Netherlands

47. What is BT cotton?

- a. Biological cotton
- b. Genetically modified cotton
- c. Fresh cotton
- d. None of the above

48. Choose the box that is similar to the box formed from the given sheet of paper (X).



(X)



(1)



(2)



(3)



(4)

- a. 1 and 2 only
- b. 1 and 4 only
- c. 1 , 2 and 4 only
- d. 1, 2 and 3 only

49. Select the alternative which represents three out of the five alternative figures which when fitted into each other would form a complete square.



(1)



(2)



(3)



(4)



(5)

a. 321

b. 432

c. 123

d. 235

50. Identify the figure that completes the pattern.



(X)



(1)



(2)



(3)



(4)

a. 1

b. 2

c. 3

d. 4

51. The chemical (ethyl mercaptan) added to the otherwise odourless LPG cooking gas for imparting a detectable smell to the gas is a compound of

A. bromine

B. fluorine

C. chlorine

D. sulphur

52. Non stick cooking utensils are coated with

- A. Teflon
- B. PVC
- C. black paint
- D. polystyrene

53. In the following questions choose the word which is the exact OPPOSITE of the given words.

ARROGANT

- A. Humble
- B. Cowardly
- C. Egotistic
- D. Gentlemanly

54. Identify the famous personality shown in the picture below:



- a. Sir CV Raman
- b. Subhash Chandra Bose
- c. Jagdeesh Chandra Bose
- d. Dr. Homi Bhabha

55. Identify the correct art techniques sequence with which the following paintings have been made.

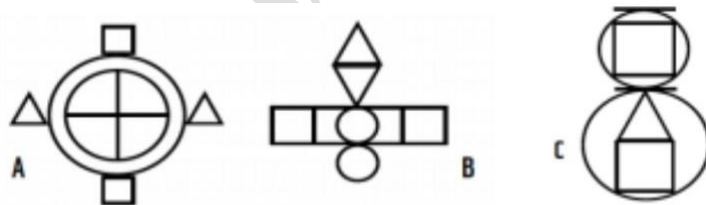


- a. Acrylic, Watercolor
- b. Crayon, Oil
- c. Pastel, oil
- d. Watercolor, oil

56. Canon released the highest pixel camera recently, select the correct range of its megapixels (MP):

- a. 40-50 MP
- b. 30-40 MP
- c. 50-55 MP
- d. 50-60 MP

57. Which is the odd one out?



- a. A
- b. B
- c. C
- d. None of the above