

AFCAT

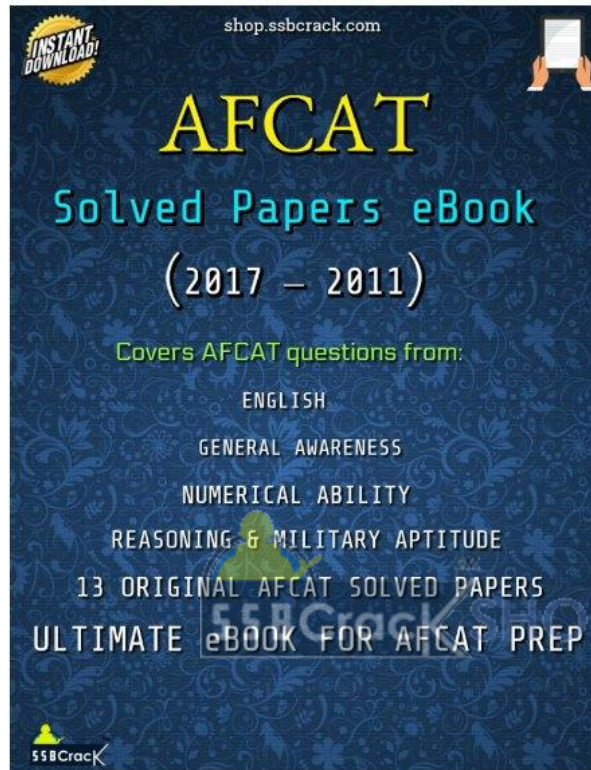
Test of Reasoning

Test of Reasoning: 32 Questions

Max Marks: $32 \times 3 = 96$ marks

Type of questions in AFCAT Reasoning section:

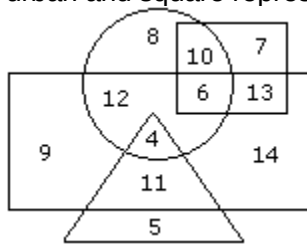
- Logical Venn Diagrams
- Pattern Completion
- Analogy Questions
- Classification
- Classification of Images
- Image series
- DOT Questions
- Embedded Figures



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Venn Diagrams

In the following diagram rectangle represents men, Triangle represents educated, Circle represents urban and square represents government employees.



1. Which one of the following represents the educated men but not urban ?

- A. 9
- B. 5
- C. 4
- D. 11

Answer: Option D

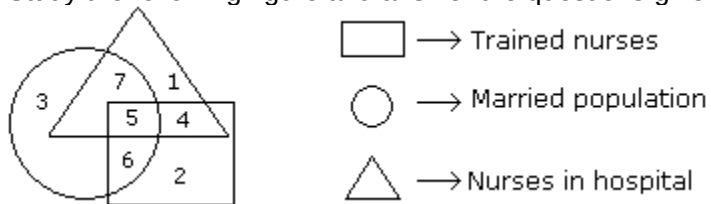


2. Which one of the following represents a woman who is urban as well as government employee ?

- A. 7
- B. 13
- C. 10
- D. 6

Answer: Option C

Study the following figure and answer the questions given below.



3. If hospital management requires only married trained nurses for operation theater, which part of diagram should be chosen by him ?

- A. 7
- B. 4
- C. 5
- D. 6



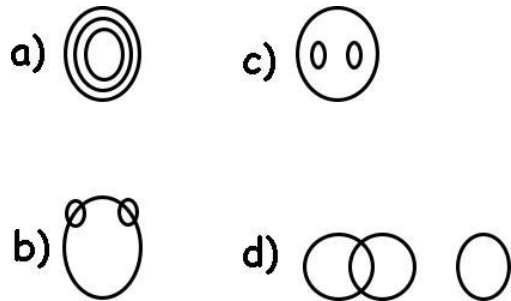
Answer: Option C

4. By which number, married but untrained nurses in the hospital are represented?

- A. 4
- B. 6
- C. 7
- D. 5

Answer: Option C

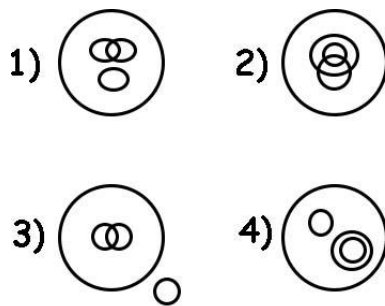
5. Which of the following Venn- diagram correctly illustrates the relationship among the classes: *Carrot, Food, Vegetables*



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

Answer: Option A

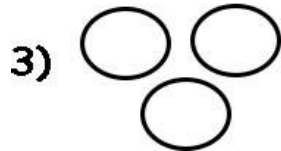
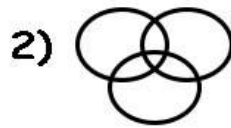
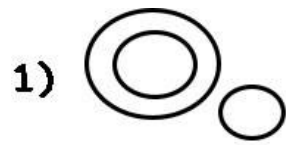
6. In a dinner party both fish and meat were served. Some took only fish and some only meat. There were some vegetarians who did not accept either. The rest accepted both fish and meat. Which of the following Venn-diagrams correctly reflects this situation?



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

Answer: Option A

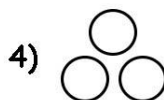
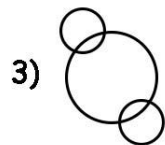
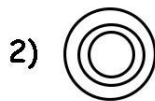
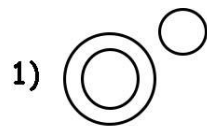
7. Select from four alternative diagrams, the one that best illustrates the relationship among the three classes : *Pigeons, Birds, Dogs*



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

Answer: Option A

8. Select from the five alternative diagrams, the one that best illustrates the relationship among the three classes : *Truck, Ship, Goods*

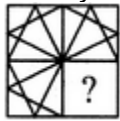


- A. 1
- B. 2
- C. 3
- D. 4

Answer: Option C

Pattern Completion

1. Identify the figure that completes the pattern.



(X)



(1)



(2)



(3)



(4)

A. 1

B. 2

C. 3

D. 4

Answer: Option D

2. Identify the figure that completes the pattern.



(X)



(1)



(2)



(3)



(4)

A. 1

B. 2

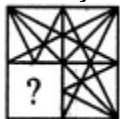
C. 3

D. 4

Answer: Option C



3. Identify the figure that completes the pattern.



(X)



(1)



(2)



(3)



(4)

A. 1

B. 2

C. 3

D. 4

Answer: Option D

4. Identify the figure that completes the pattern.



(X)



(1)



(2)



(3)



(4)

A. 1

B. 2

C. 3

D. 4

Answer: Option B

5. Identify the figure that completes the pattern.



(X)



(1)



(2)



(3)



(4)

A. 1

B. 2

C. 3

D. 4

Answer: Option D



Analogy Questions

1. DIVA:OPERA

A. producer:theatre

B. director:drama

C. conductor:bus

D. thespian:play

Answer: Option D

2. GRAIN:SALT

A. shard:pottery

B. shred:wood

C. blades:grass

D. chip:glass

Answer: Option D

3. THRUST:SPEAR

A. mangle:iron

B. scabbard:sword

C. bow:arrow

D. fence:epee

Answer: Option D

4. PAIN:SEDATIVE

A. comfort:stimulant

B. grief:consolation

C. trance:narcotic

D. ache:extraction

Answer: Option B

5. LIGHT:BLIND

A. speech:dumb

B. language:deaf

C. tongue:sound

D. voice:vibration

Answer: Option A



6. WAN:COLOUR

A. corpulent:weight

B. insipid:flavour

C. pallid:complexion

D. enigmatic:puzzle

Answer: Option B

7. PORK:PIG

A. rooster:chicken

B. mutton:sheep

C. steer:beef

D. lobster:crustacean

Answer: Option B

8. AFTER:BEFORE

- A. first:second
- B. present:past
- C. contemporary:historic
- D. successor:predecessor

Answer: Option D

9. INDIGENT:WEALTHY

- A. angry:rich
- B. native:affluent
- C. gauche:graceful
- D. scholarly:erudite

Answer: Option C

10. DISTANCE:MILE

- A. liquid:litre
- B. bushel:corn
- C. weight:scale
- D. fame:television

Answer: Option A



Classification

1. Choose the word which is different from the rest.

- A. Teach
- B. Instruct
- C. Educate
- D. Explain

Answer: Option B

2. Choose the word which is different from the rest.

A. Veena

B. Sitar

C. Drum

D. Guitar

Answer: Option C

3. Choose the word which is different from the rest.

A. Gallon

B. Ton

C. Quintal

D. Kilogram

Answer: Option A

4. Choose the word which is different from the rest.

A. Copper

B. Silver

C. Gold

D. Platinum

Answer: Option A



5. Choose the word which is different from the rest.

A. Sandstone

B. Basalt

C. Granite

D. Pumice

Answer: Option A

6. Choose the word which is different from the rest.

A. Wheat

B. Paddy

C. Jowar

D. Mustard

Answer: Option D

7. Choose the word which is different from the rest.

- A. Trivandrum
- B. Bangalore
- C. Bhubaneswar
- D. Vijayawada

Answer: Option **D**

8. Choose the word which is different from the rest.

- A. Bangalore
- B. Nagpur
- C. Bhopal
- D. Ranchi

Answer: Option **B**

9. Choose the word which is different from the rest.

- A. Chair
- B. Bench
- C. Table
- D. Stool

Answer: Option **C**

10. Choose the word which is different from the rest.

- A. Rhea
- B. Trout
- C. Lamprey
- D. Salmon

Answer: Option **A**



Classification of Images

1. Choose the figure which is different from the rest.



(1) (2) (3) (4) (5)

A. 1

B. 2

C. 3

D. 4

E. 5

Answer: Option A

2. Choose the figure which is different from the rest.



(1) (2) (3) (4) (5)

A. 1

B. 2

C. 3

D. 4

E. 5

Answer: Option C



3. Choose the figure which is different from the rest.



(1) (2) (3) (4) (5)

A. 1

B. 2

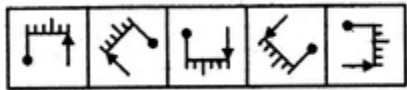
C. 3

D. 4

E. 5

Answer: Option D

4. Choose the figure which is different from the rest.



(1) (2) (3) (4) (5)

A. 1

B. 2

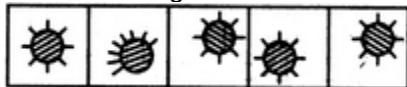
C. 3

D. 4

E. 5

Answer: Option A

5. Choose the figure which is different from the rest.



(1) (2) (3) (4) (5)

A. 1

B. 2

C. 3

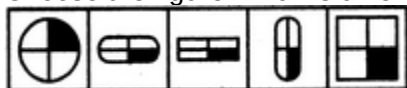
D. 4

E. 5

Answer: Option B



6. Choose the figure which is different from the rest.



(1) (2) (3) (4) (5)

A. 1

B. 2

C. 3

D. 4

E. 5

Answer: Option A

7. Choose the figure which is different from the rest.



(1) (2) (3) (4) (5)

A. 1

B. 2

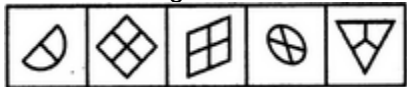
C. 3

D. 4

E. 5

Answer: Option E

8. Choose the figure which is different from the rest.



(1) (2) (3) (4) (5)

A. 1

B. 2

C. 3

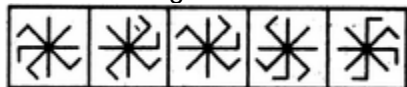
D. 4

E. 5

Answer: Option D



9. Choose the figure which is different from the rest.



(1) (2) (3) (4) (5)

A. 1

B. 2

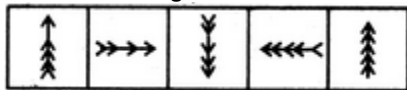
C. 3

D. 4

E. 5

Answer: Option B

10. Choose the figure which is different from the rest.



(1) (2) (3) (4) (5)

A. 1

B. 2

C. 3

D. 4

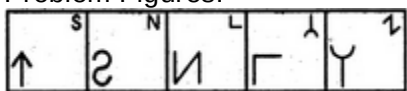
E. 5

Answer: Option B

Image series

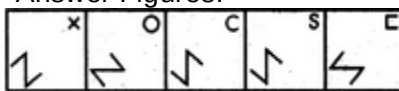
1. Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures:



(A) (B) (C) (D) (E)

Answer Figures:



(1) (2) (3) (4) (5)

A. 1

B. 2

C. 3

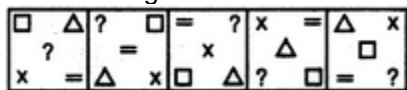
D. 4

E. 5

Answer: Option C

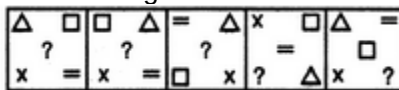
2. Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures:



(A) (B) (C) (D) (E)

Answer Figures:



(1) (2) (3) (4) (5)

A. 1

B. 2

C. 3

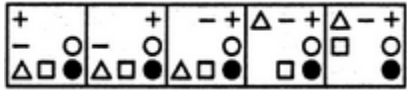
D. 4

E. 5

Answer: Option B

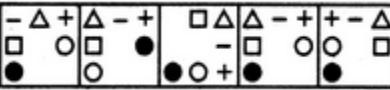
3. Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures:



(A) (B) (C) (D) (E)

Answer Figures:



(1) (2) (3) (4) (5)

A. 1

B. 2

C. 3

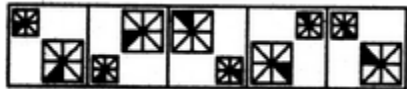
D. 4

E. 5

Answer: Option D

4. Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures:



(A) (B) (C) (D) (E)

Answer Figures:



(1) (2) (3) (4) (5)

A. 1

B. 2

C. 3

D. 4

E. 5

Answer: Option A

5. Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures:



(A) (B) (C) (D) (E)

Answer Figures:



(1) (2) (3) (4) (5)

A. 1

B. 2

C. 3

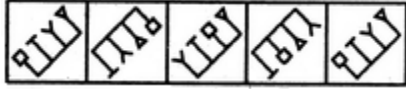
D. 4

E. 5

Answer: Option A

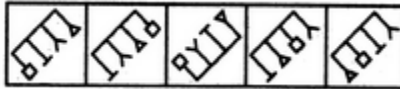
6. Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures:



(A) (B) (C) (D) (E)

Answer Figures:



(1) (2) (3) (4) (5)

A. 1

B. 2

C. 3

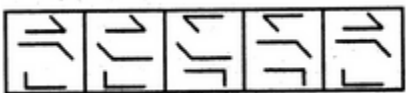
D. 4

E. 5

Answer: Option B

7. Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures:



(A) (B) (C) (D) (E)

Answer Figures:



(1) (2) (3) (4) (5)

A. 1

B. 2

C. 3

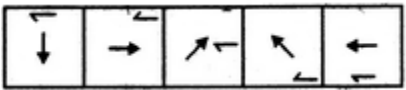
D. 4

E. 5

Answer: Option A

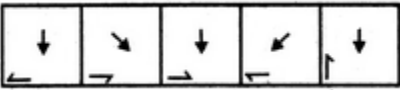
8. Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures:



(A) (B) (C) (D) (E)

Answer Figures:



(1) (2) (3) (4) (5)

A. 1

B. 2

C. 3

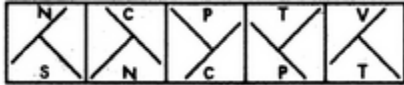
D. 4

E. 5

Answer: Option A

9. Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures:



(A) (B) (C) (D) (E)

Answer Figures:



(1) (2) (3) (4) (5)

A. 1

B. 2

C. 3

D. 4

E. 5

Answer: Option D

10. Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures:



(A) (B) (C) (D) (E)

Answer Figures:



(1) (2) (3) (4) (5)

A. 1

B. 2

C. 3

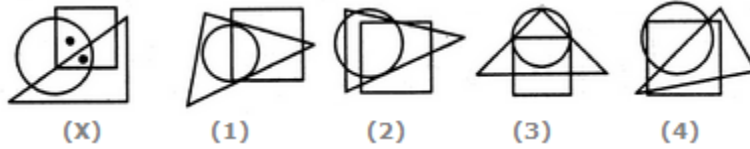
D. 4

E. 5

Answer: Option E

DOT Questions

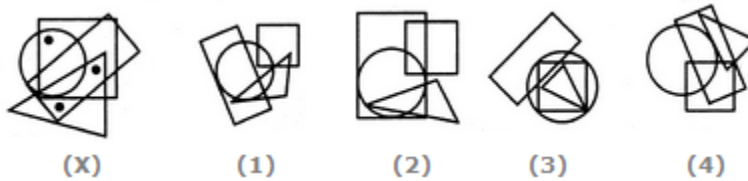
1. Select the figure which satisfies the same conditions of placement of the dots as in Figure-X.



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

Answer: Option D

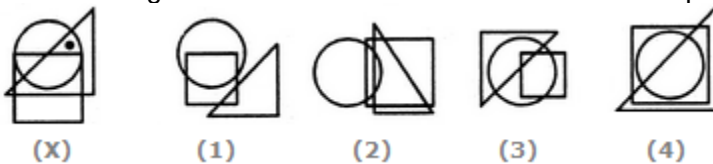
2. Select the figure which satisfies the same conditions of placement of the dots as in Figure-X.



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

Answer: Option D

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

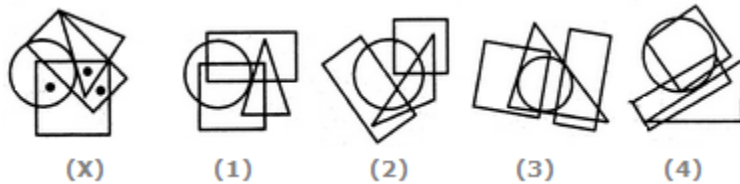


- A. 1
B. 2
C. 3
D. 4

Answer: Option C



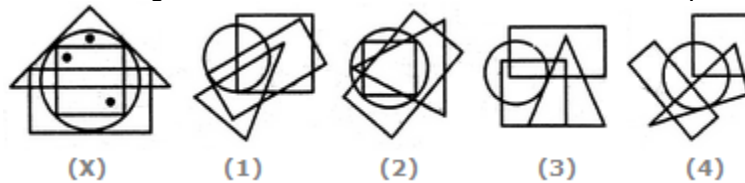
4. Select the figure which satisfies the same conditions of placement of the dots as in Figure-X.



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

Answer: Option A

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

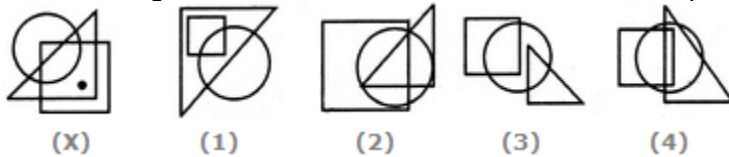


- A. 1
B. 2
C. 3
D. 4



Answer: Option B

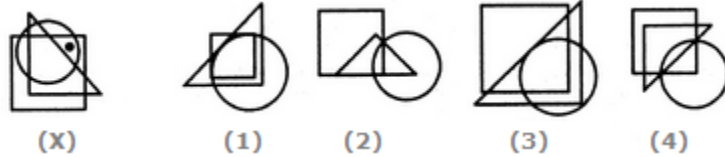
6. Select the figure which satisfies the same conditions of placement of the dots as in Figure-X.



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

Answer: Option A

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



A. 1

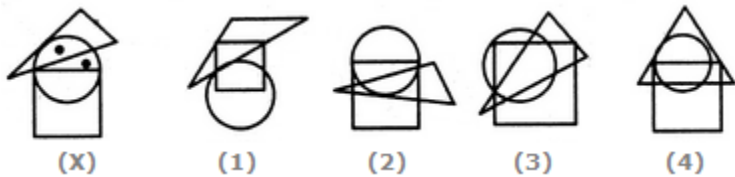
B. 2

C. 3

D. 4

Answer: Option D

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



A. 1

B. 2

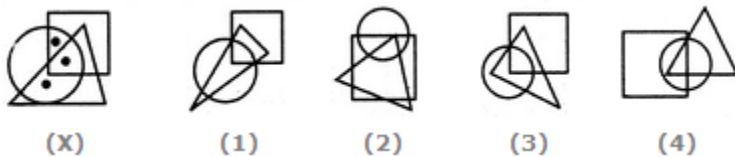
C. 3

D. 4

Answer: Option C



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



A. 1

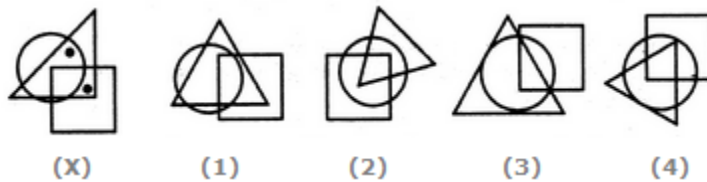
B. 2

C. 3

D. 4

Answer: Option D

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



A. 1

B. 2

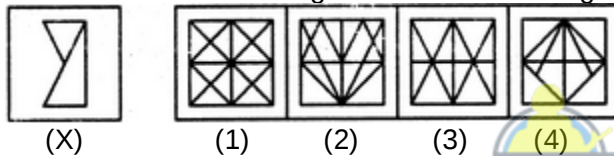
C. 3

D. 4

Answer: Option A

Embedded Figures

1. Find out the alternative figure which contains figure (X) as its part.



A. 1

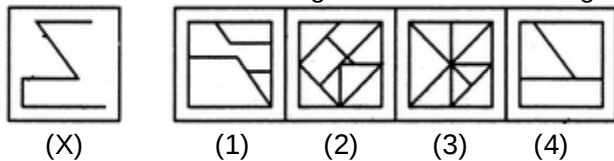
B. 2

C. 3

D. 4

Answer: Option C

2. Find out the alternative figure which contains figure (X) as its part.



A. 1

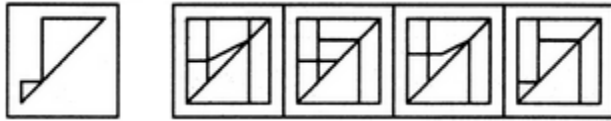
B. 2

C. 3

D. 4

Answer: Option D

3. Find out the alternative figure which contains figure (X) as its part.



(X) (1) (2) (3) (4)

A. 1

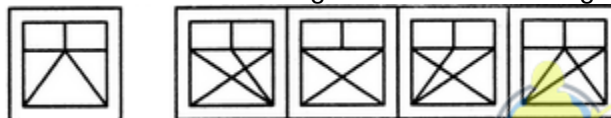
B. 2

C. 3

D. 4

Answer: Option D

4. Find out the alternative figure which contains figure (X) as its part.



(X) (1) (2) (3) (4)

A. 1

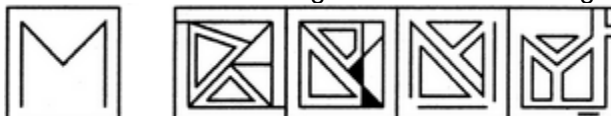
B. 2

C. 3

D. 4

Answer: Option D

5. Find out the alternative figure which contains figure (X) as its part.



(X) (1) (2) (3) (4)

A. 1

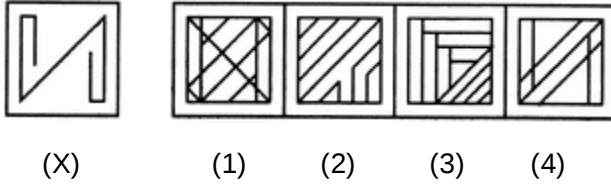
B. 2

C. 3

D. 4

Answer: Option A

6. Find out the alternative figure which contains figure (X) as its part.



A. 1

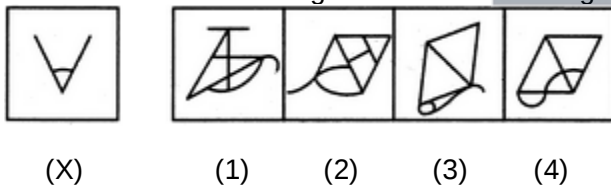
B. 2

C. 3

D. 4

Answer: Option D

7. Find out the alternative figure which contains figure (X) as its part.



A. 1

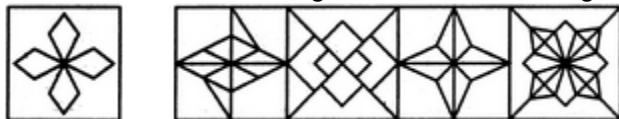
B. 2

C. 3

D. 4

Answer: Option D

8. Find out the alternative figure which contains figure (X) as its part.



(X) (1) (2) (3) (4)

A. 1

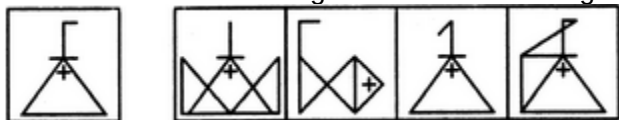
B. 2

C. 3

D. 4

Answer: Option D

9. Find out the alternative figure which contains figure (X) as its part.



(X) (1) (2) (3) (4)

A. 1

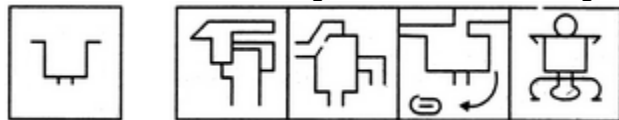
B. 2

C. 3

D. 4

Answer: Option D

10. Find out the alternative figure which contains figure (X) as its part.



(X) (1) (2) (3) (4)

A. 1

B. 2

C. 3

D. 4

Answer: Option D

