



# Pak-Austria Fachhochschule: Institute of Applied Sciences & Technology Mang, Haripur, Khyber Pakhtunkhwa

| Test 1   | Test 2   | Test 3   |
|--|--|--|
| <ol style="list-style-type: none"><li>1. Test duration is 2 hours.</li><li>2. Test consists of 100 MCQs.</li><li>3. Test consists of 3 sections.<ul style="list-style-type: none"><li>• English: 20%</li><li>• Biology: 40%</li><li>• Chemistry: 40%</li></ul></li></ol>   | <ol style="list-style-type: none"><li>1. Test duration is 2 hours.</li><li>2. Test consists of 100 MCQs.</li><li>3. Test consists of 3 sections.<ul style="list-style-type: none"><li>• English: 20%</li><li>• Math: 40%</li><li>• Physics: 40%</li></ul></li></ol>  | <ol style="list-style-type: none"><li>1. Test duration is 2 hours.</li><li>2. Test consists of 100 MCQs.</li><li>3. Test consists of 3 sections.<ul style="list-style-type: none"><li>• English: 20%</li><li>• General Math: 40%</li><li>• Computer: 40%</li></ul></li></ol> |
| Test 4   | Test 5   | Test 6   |
| <ol style="list-style-type: none"><li>1. Test duration is 2 hours.</li><li>2. Test consists of 100 MCQs.</li><li>3. Test consists of 3 sections.<ul style="list-style-type: none"><li>• Drawing: 25%</li><li>• Aptitudes: 25%</li><li>• Interview: 50%</li></ul></li></ol> | <ol style="list-style-type: none"><li>1. Test duration is 2 hours.</li><li>2. Test consists of 100 MCQs.</li><li>3. Test consists of 5 sections.<ul style="list-style-type: none"><li>• English: 10%</li><li>• General Math: 20%</li><li>• Analytical: 20%</li><li>• Drawing: 25%</li><li>• Aptitudes: 25%</li></ul></li></ol> | <ol style="list-style-type: none"><li>1. Test duration is 2 hours.</li><li>2. Test consists of 100 MCQs.</li><li>3. Test consists of 3 sections.<ul style="list-style-type: none"><li>• English: 20%</li><li>• Arithmetic: 40%</li><li>• Analytical: 40%</li></ul></li></ol> |

## SECTION: 1

### DRAWING

#### Guidelines

In this section you will be asked for Live sketching.

## SECTION: 2

### APTITUDE

#### Guidelines

This section has 50 questions, and each question has equal marks.

Click on Next to proceed further.

#### Part: 1

**Q. 1 Write a short essay (500 words) on any one of the topics given below. (30 Marks)**

Essay to be written on answer sheet given to you

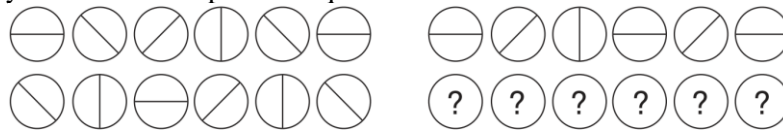
- A. How education changes the life of a person?  
or  
B. Why you missed your childhood?
- -----

#### Part: 2

**Q. 2 Select the right figure:  
(Marks)**

**(20**

1. Which set of symbols should replace the question marks? ? ? ? ? ?



- a.
- b.
- c.
- d.

2. Which two symbols are missing?

$\Omega \# - \Omega \Omega \# \# - ? \Omega \# - \Omega \Omega \# \# - = \# \Omega \#$   
 $- \Omega \Omega \# \# - ? \Omega \# - \Omega \Omega \# \# - = \# \Omega \# - \Omega$   
 $\Omega \# \# - ? \Omega \# - \Omega \Omega \# \# - \Omega \# - \Omega \Omega \# \# - ?$   
 $\Omega \# - \Omega \Omega \# \# - = \#$

- a.  $\Omega \#$
- b.  $- \Omega$
- c.  $\# \#$
- d.  $= \#$

3. Which is the odd one out?

- a.
- b.
- c.
- d.

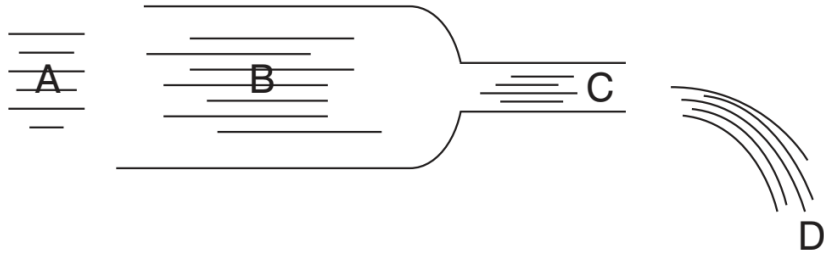
4. Which is the odd one out?

- a.
- b.
- c.
- d.

5. Which does not belong in this sequence?

- a.
- b.
- c.
- c.

6. A large volume of water is gushing through a pipe which narrows at the outlet. At which point, A, B, C or D will the water flow fastest?



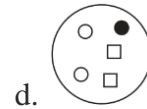
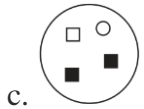
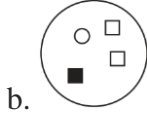
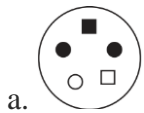
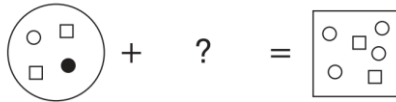
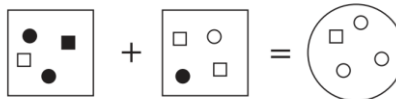
a. A

b. B

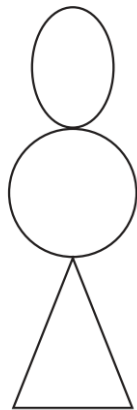
c. C

d. D

7. Which circle below should replace the question mark?

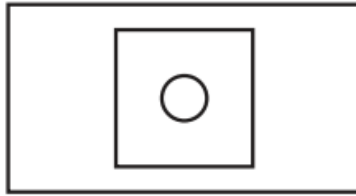


8.



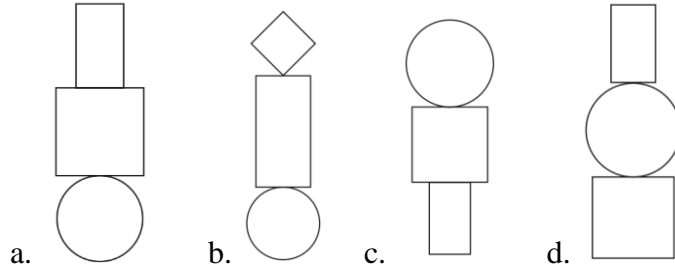
is to:



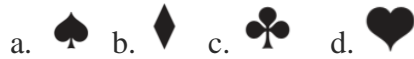


As

Is to



9. Which symbol is missing in following figure?



10. The below set of six numbers has a relationship to the set of six numbers below. The two sets of six boxes on the left have the same relationship as the two sets of six boxes on the right. Which set of numbers should therefore replace the question marks?

|    |   |    |   |    |    |  |   |    |   |   |   |    |
|----|---|----|---|----|----|--|---|----|---|---|---|----|
| 12 | 3 | 7  | 8 | 10 | 18 |  | 4 | 11 | 2 | 5 | 6 | 13 |
| 6  | 6 | 14 | 4 | 5  | 9  |  | ? | ?  | ? | ? | ? | ?  |

- a. 

|   |   |   |    |   |    |
|---|---|---|----|---|----|
| 8 | 6 | 4 | 10 | 3 | 22 |
|---|---|---|----|---|----|

      b. 

|   |    |   |    |   |    |
|---|----|---|----|---|----|
| 2 | 22 | 1 | 10 | 3 | 26 |
|---|----|---|----|---|----|
- c. 

|   |    |   |   |    |   |
|---|----|---|---|----|---|
| 8 | 22 | 4 | 8 | 12 | 5 |
|---|----|---|---|----|---|

      d. 

|   |   |   |    |    |   |
|---|---|---|----|----|---|
| 2 | 5 | 6 | 13 | 11 | 4 |
|---|---|---|----|----|---|

11. What comes next in the below sequence?



- a. 

|   |
|---|
| 6 |
|---|

      b. 

|   |
|---|
| 5 |
|---|

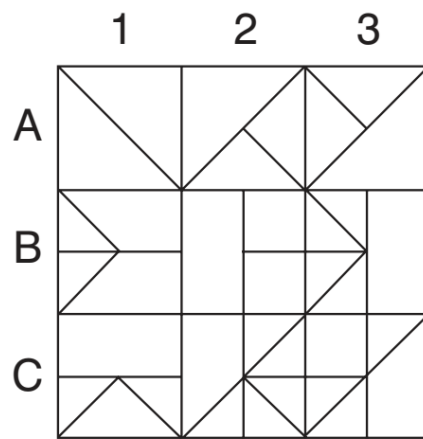
      c. 

|   |
|---|
| E |
|---|

      d. 

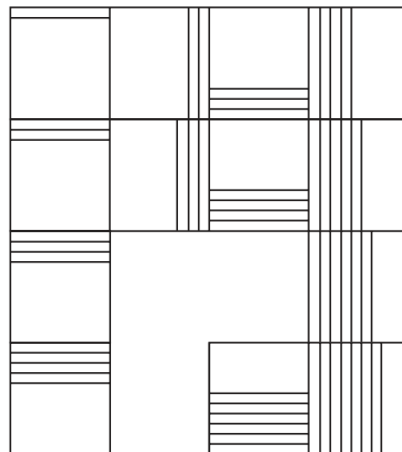
|   |
|---|
| 9 |
|---|

12. Looking at lines across and down, if the first two tiles are combined to produce the third tile, with the exception that like lines or symbols are cancelled out, which of the below tiles is incorrect, and with which tile should it be replaced?



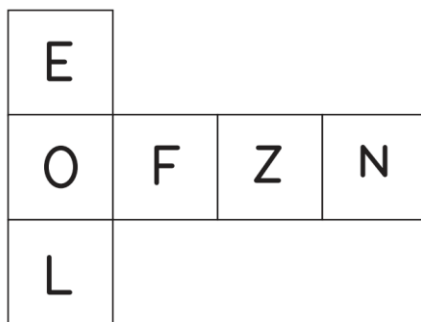
- a. b. c. d.


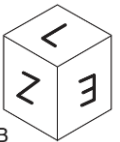


13. Which is the missing section?



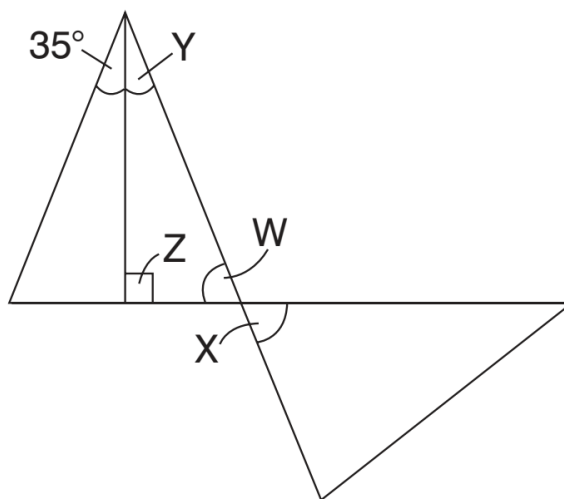
- a. A  
 b. B  
 c. C  
 d. D

14. When the below is folded to form a cube, just two of the following can be produced. Which two?



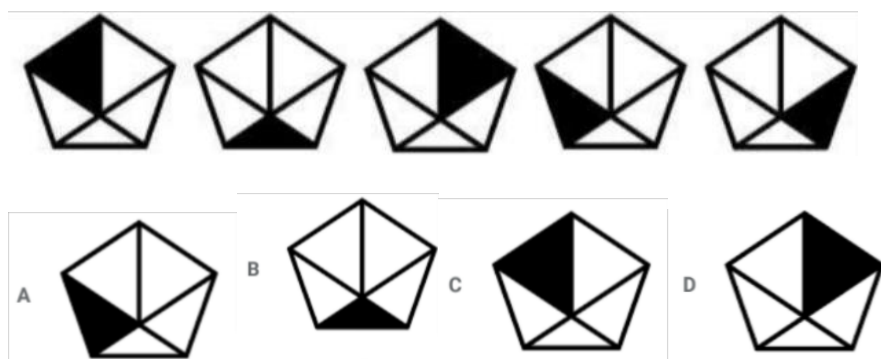
- a. **A**     b. **B**     c. **C**     d. **D** 

15. What is the value of angle X?



- a.  $35^{\circ}$     b.  $45^{\circ}$     c.  $55^{\circ}$     d.  $75^{\circ}$

16. Select the figure that will come next in the following figure series.



A) A

B) B

C) C

D) D

17. How many triangles are there in the given figure?



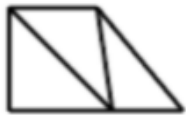
A) 25

B) 20

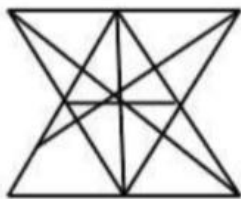
C) 27

D) 38

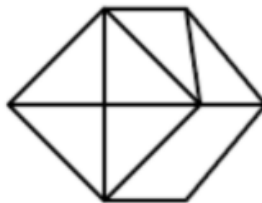
18. Select the option in which the given figure is embedded (rotation is not allowed).



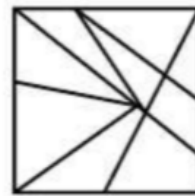
A



C



B



D



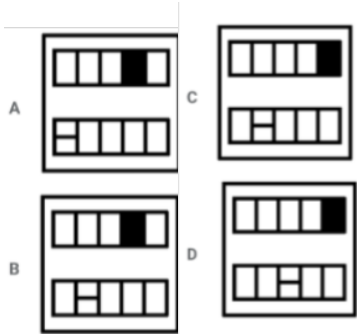
A) A

B) B

C) C

D) D

19. Select the figure that can replace the question mark (?) in following figure series.



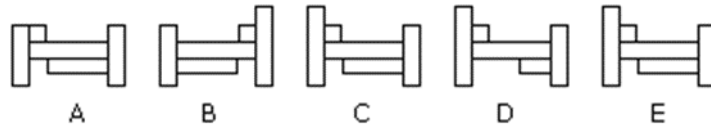
A) A

B) B

C) C

D) D

Q 20. Which two pictures are identical?



### SECTION: 3

General interview with the head of the department