



# 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 2 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>• General Math: 10%</li><li>• Drawing: 20%</li><li>• Aptitudes: 20%</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 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**  
**GENERAL MATH**

**Guidelines**

**This section has 20 questions, and each question has equal marks.  
Click on Next to proceed further.**

**1. A number exceeds another number by 6.the sum of the numbers is 18. find the smaller number?**

- A. 6
- B. 8
- C. 10
- D. 12

**2. What is the Arithmetic Mean of the following data 3,6,9,12,15.**

- A. 6
- B. 9
- C. 12
- D. 15

**3. Find two number whose sum is 30 and the difference is 6 \_\_\_\_\_?**

- A. 12, 16
- B. 12, 18
- C. 16, 12
- D. 14, 16

**4. How much 60% of 50 is greater than 40% of 30?**

- A. 14
- B. 16
- C. 18
- D. 20

**5.After decreasing 24% in the price of an article costs Rs.912. Find the actual cost of an article?**

- A. 1500
- B. 1400
- C. 1300
- D. 1200

**6.If 6 men can make 10 sofas in 2 days, then 8 men can make 8 sofas in \_\_\_\_\_?**

- A. 1 day
- B. 1.2 days
- C. 1.5 days
- D. 1.8 days

**7. A rectangular carpet has an area of 120 square meters and a parameter of 46m. The length of it's diagonals is \_\_\_\_\_?**

- A. 17m
- B. 15m

- C. 13m
- D. 11m

**8. The Ratio of the length and breadth of a plot is 3:2 .If the breadth is 40m less than the what is the parameter of the plot?**

- A. 320m
- B. 400m
- C. 440m
- D. 480m

**9. The circumferences of two concentric circles are 176 m and 132 cm respectively. What is the difference between their radii?**

- A. 7m
- B. 8m
- C. 12m
- D. 20m

**10. If the diameter of a circle is increased by 100 % its area is increased by:\_\_\_\_\_?**

- A. 100%
- B. 200%
- C. 300%
- D. 400%

**SECTION 02**  
**DRAWING**

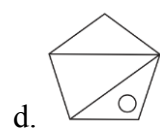
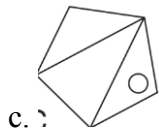
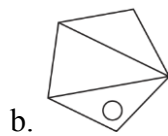
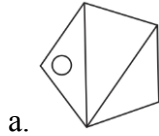
Note: You will be asked for Live Sketching.



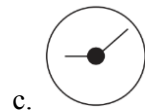
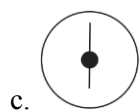
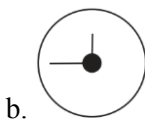
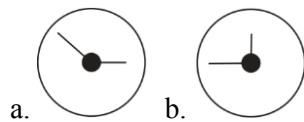
**3. Which is the odd one out?**



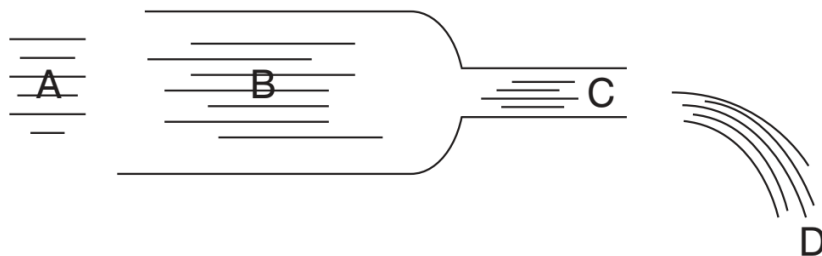
**4. Which is the odd one out?**



**5. Which does not belong in this sequence?**



**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?**



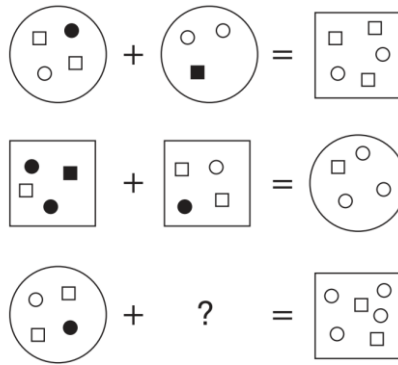
a. A

b. B

c. C

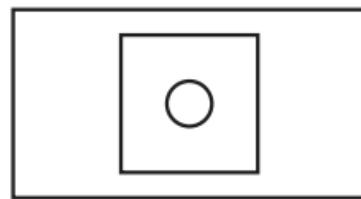
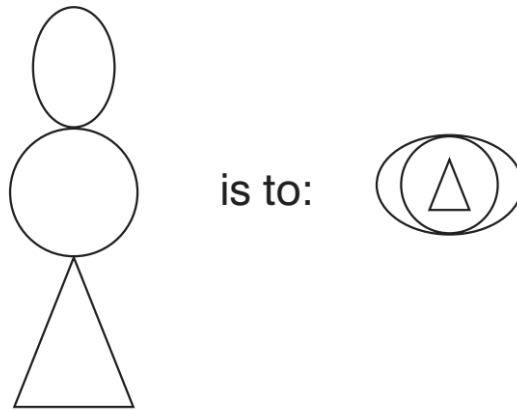
d. D

7. Which circle below should replace the question mark?



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

8.



As

Is to

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

9. Which symbol is missing in following figure?



- a. b. c. d.

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
---	---	---	----	----	---

## SECTION 04

### Interview

General interview with the head of the department