



ZIAUDDIN UNIVERSITY

SAMPLE APTITUDE TEST PAPER

Booklet No.-0000

GENERAL INSTRUCTIONS:

- The Test should only be attempted on Response Sheet provided.
- Use ballpoints to sign and write Candidate’s Name, Date and Name of Examination.

Name: XYZ	
Exam Name: Aptitude Test	Date: xx-xx-xxxx
After Completion, Count and write total boxes shaded	50
 Candidate's Signature	

How To Fill the ZU Form Number on the Response Sheet:

- Use pencil to write your Form Number (Admit Card No.) carefully.
See examples given below.
- Suppose your admit card number is 006-0034.
- Use the pencil to shade below the appropriate figures of your Candidate Number.

Example:

For candidate’s Form No. **006-0034**

Admit Card No.									
0	0	6	-	0	0	3	4		
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
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<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

How to fill the Answers on the Response Sheet:

- ❖ With pencil provided to you, please mark darkly and completely shade the box.
- ❖ Do *NOT* shade outside the box. Do *NOT* fold the response sheet.
- ❖ **Erase completely** to change your answer. (If you want to change the answer)
- ❖ *Do not write your answers on the question paper.*
- ❖ *Before leaving the examination hall, the candidate MUST leave the Question Paper, Response Sheet, and stationery on the desk.*

Questions Type: MCQ (ONE BEST)

- ❑ The multiple choice question consists of an initial statement followed by a number of possible answers identified by the letters **a, b, c, & d**.
- ❑ Read each item carefully. **Select ONE answer which you consider is the BEST or MOST appropriate.**
- ❑ **On the given answer sheet, shade the space of the corresponding letter WITH THE PENCIL PROVIDED.**

SAMPLE RESPONSE SHEET

ZIAUDDIN UNIVERSITY		Batch # ZU-1																																																
Entry Test																																																		
Admit Card No.		Exam ID <input style="width: 100px;" type="text"/>																																																
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ZIAUDDIN UNIVERSITY

SAMPLE APTITUDE TEST PAPER

Candidate/Form No. _____

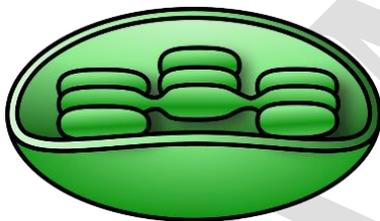
Date: 00/00/0000

INSTRUCTIONS:

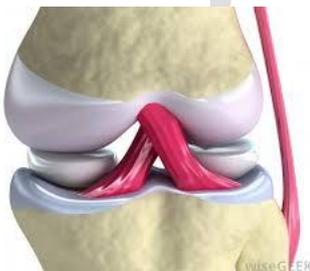
- All question carry equal marks.
- Questions should only be answered on response sheet.
- Mark your answer with pencil
- Paper comprises sections on
 - Biology
 - Chemistry
 - Physics
 - General Knowledge
 - IQ and Logic
 - Mathematic
 - English.
- Total Time allowed 100 minutes included reading time.

Biology

1. The membranes connecting the stacks of disks in the chloroplast are called:



- a) Lamellae
 - b) Grana
 - c) Thylakoid
 - d) Stroma
2. What is the name for the connector that attaches bone to bone?



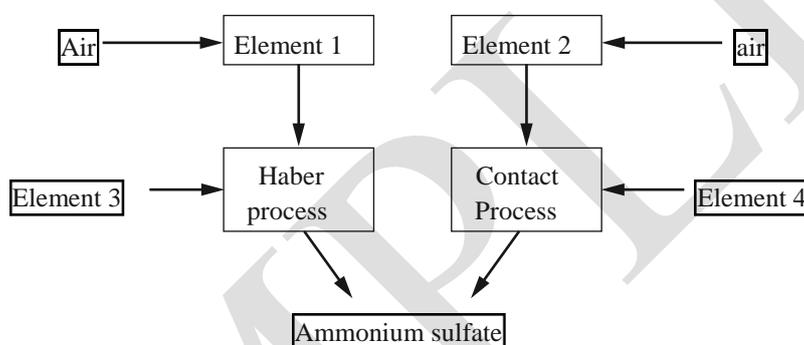
- a) Ligament
- b) Tendon
- c) Joints
- d) Cartilage

Chemistry

3. Dilute sulfuric acid is electrolyzed. Hydrogen gas and oxygen gas are produced. Which row correctly describes what happens?

	oxygen produced at the	hydrogen produced at the	concentration of acid
a)	anode	cathode	decreases
b)	anode	cathode	increases
c)	cathode	anode	decreases
d)	cathode	anode	increases

4. The flow chart describes the preparation of ammonium sulphate.

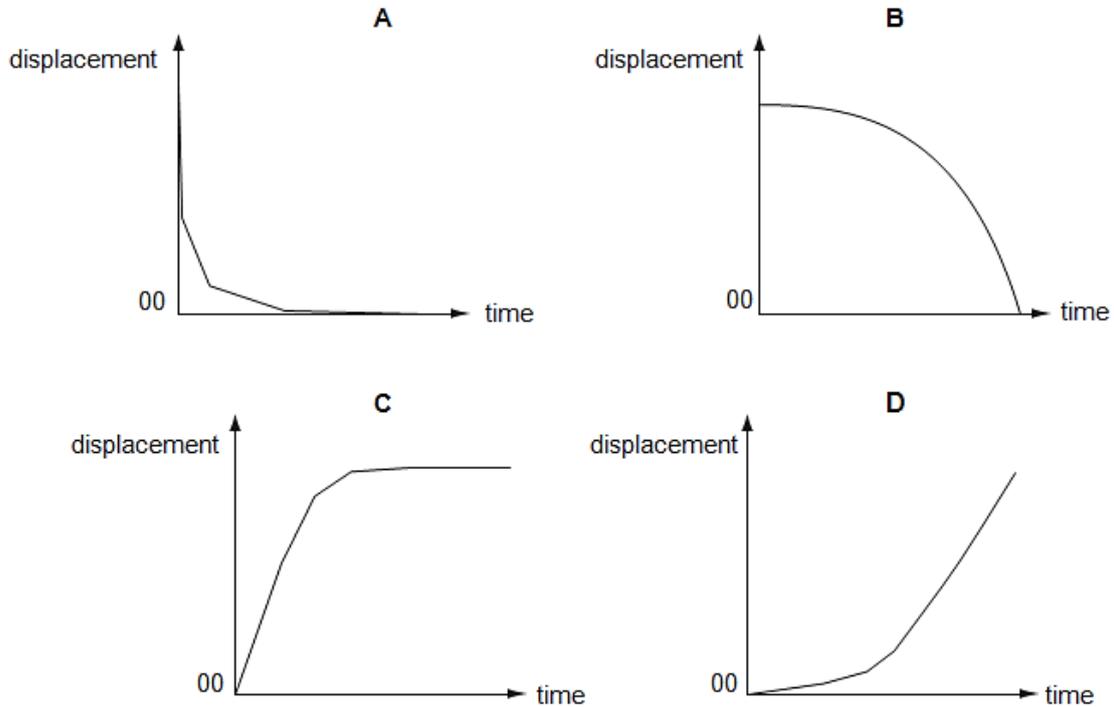


What are elements 1– 4?

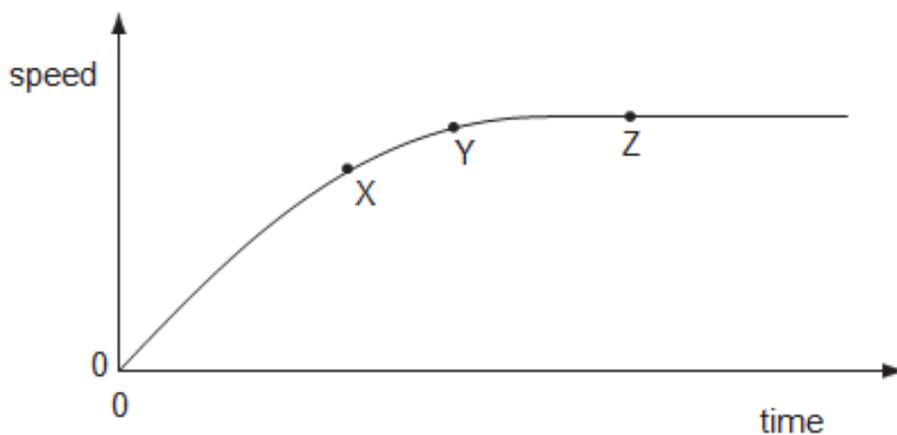
	1	2	3	4
a)	nitrogen	oxygen	hydrogen	sulphur
b)	nitrogen	oxygen	hydrogen	oxygen
c)	oxygen	nitrogen	hydrogen	sulphur
d)	oxygen	nitrogen	sulphur	hydrogen

Physics

5. A sphere is released and falls. Its initial acceleration reduces until it eventually begins to travel at constant terminal velocity. Which displacement-time graph best represents the motion of the sphere?



6. A raindrop falls vertically from rest in air. The variation with time of the speed of the raindrop is shown in the graph.



Which statement about the raindrop is correct?

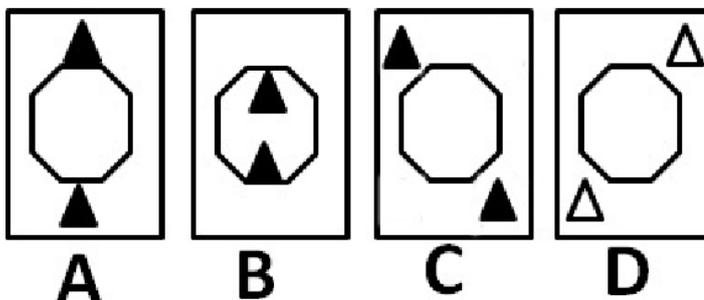
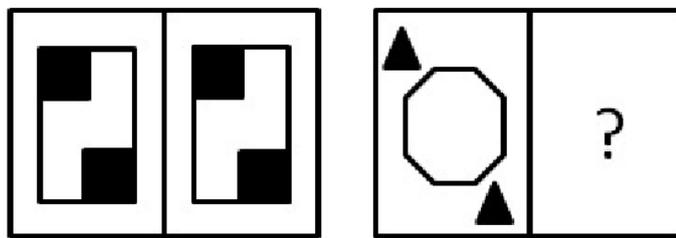
- a) At point X, the raindrop has an acceleration of 9.81 m s^{-2} .
- b) At point Z, the force on the raindrop due to air resistance has reached its maximum value and so the acceleration of the raindrop has also reached its maximum value.
- c) At point Z, the force due to air resistance is equal and opposite to the weight of the raindrop and so the speed of the raindrop is zero
- d) The resultant force on the raindrop at point Y is less than the resultant force on the raindrop at point X

General Knowledge

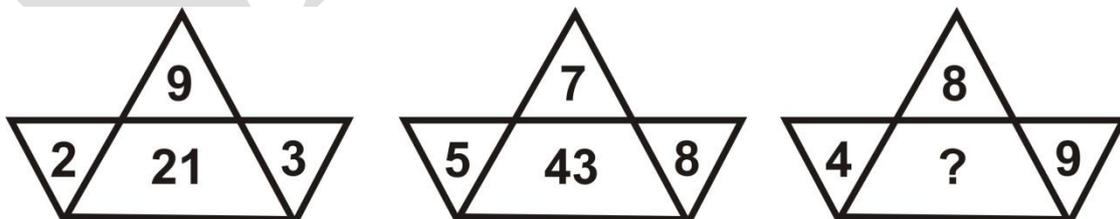
7. Which is the largest and deepest ocean in the world:
 a) Atlantic Ocean
 b) Pacific Ocean
 c) Indian ocean
 d) Arctic ocean
8. In which of following years did Pakistan got its first constitution?
 a) 1973
 b) 1949
 c) 1956
 d) 1962

IQ and Logic

9. Complete the sequence



10. Which option carries on the Sequence?



- a) 42
 b) 41
 c) 40
 d) 37

Mathematic

11. **Two matrix A and B are equal if**
- They are square matrix
 - They have same order
 - Their corresponding elements are equal
 - They have same number of columns
12. **What is the value of x in the equation $3x + 5 = 20$?**
- 5
 - 6
 - 7
 - 8

English**Reading Comprehension: Short Passage**

Paragraph

It is difficult to reconcile the ideas of different schools of thought on the question of education. Some people maintain that pupils of school should concentrate on a narrow range of subjects which will benefit them directly in their subsequent careers. Others contend that they should study a wide range of subjects so that they not only have the specialized knowledge necessary for their chosen careers but also sound general knowledge about the world they will have to work and live in. Supporters of the first theory state that the greatest contributions to civilization are made by those who are expert in their trade or profession. Those on the other side say that, unless they have a broad general education, the experts will be too narrow in their outlook to have sympathy with their fellows or a proper sense of responsibility towards humanity as a whole.

13. **What is the passage about?**
- Reconciliation of two different ideas about education
 - Projecting two different ideas about education
 - Career-oriented education
 - Broad-based education

VOCABULARY

14. **Indiscriminate:**
- Too much love
 - Nonliving
 - Unselective
 - Ascribe

Grammar

15. **I am sick. am is ----- ?**
- Noun
 - Pronoun
 - Verb
 - Adjective