

**Foundation University Islamabad
School of Science and Technology**

Sample Paper - Entry Test

Undergraduate /Graduate Programs

Total Marks 100

Time Allowed: 90 minutes

Computer Based Test

SECTION 1

(35 MARKS)

ENGLISH

SYNONYMS

Choose the word most similar in meaning to the capitalized ones.

1. Affinity:

- a. Against
- b. Dissimilarity
- c. Liking
- d. Keen

2. Annex:

- a. Construct
- b. To cancel
- c. Add to
- d. Summarize

3. WARRIOR

- a. Soldier
- b. Sailor
- c. Pirate
- d. Spy

ANTONYMS

Choose the word most opposite in meaning to the capitalized ones.

1. Erase:

- a. Efface
- b. Imprint
- c. Delete
- d. None of these

2. Universal:

- a. Local
- b. Foreign
- c. Complete
- d. Entire

3. OBEYING

- a. Ordering
- b. Following
- c. Refusing
- d. Contradicting

ANALOGIES

Analogies are comparisons. Choose the word whose relationship is most like the relationship expressed in the original linked pair.

1. Ship: Ocean::

- a. Fish: gill
- b. Plane: air
- c. Child: bath
- d. Car: passenger

2. Fire: Ashes::

- a. Event: memories
- b. Water: waves
- c. Wood: splinters
- d. Accident: delay

SENTENCE COMPLETION

Choose the best word to fill in the blanks:

1. **Despite her _____ dress, she was a simple girl at heart.**

- A. Sophisticated
- B. Casual
- C. Shoddy
- D. Dirty

SECTION 2

(20 MARKS)

ANALYTICAL REASONING

1. **A student has to secure 40% marks to pass. He gets 178 marks and fails by 22 marks. The maximum marks are:**

- a. 200
- b. 500
- c. 510
- d. 610

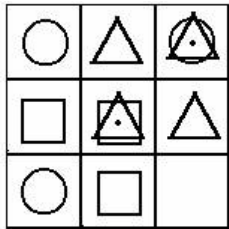
2. **Luqman is 67. His son Rehan is 29. In how many years will Rehan be exactly half his father's age?**

- a. 2
- b. 5
- c. 7
- d. 9

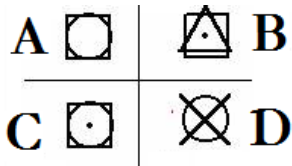
3. What is 5% of 20%?

- a. 1%
- b. 10%
- c. 100%
- d. 0.1

Find the figure continuing the series:



Options:



SECTION 3 (30 MARKS)
GENERAL KNOWLEDGE

1. Official partners of World Food Programme are

- a. AAD
- b. USAID
- c. ACP
- d. ASEAN

2. World's second largest continent is

- a. Asia
- b. Africa
- c. Antarctica
- d. Australia

3. Which is the national flower of Pakistan?

- a. Rose
- b. Thistle
- c. Jasmine
- d. Camomille

Section 4 (15 MARKS)
Mathematics

1. $(9 \div 3) \times (8 \div 4) =$

- a. 1
- b. 6
- c. 72
- d. 576
- e. 752

2. $[0\ 0\ 0]$ is

- a. Scaler matrix
- b. diagonal matrix
- c. identity matrix
- d. null matrix

3. If $a - b = 7$ and $a + b = 13$, what is the value of $a^2 - b^2 = ?$

- a. 80
- b. 91
- c. 96
- d. 100