



UNIVERSITY OF KARACHI

**SAMPLE TEST PAPER**

**FOR**

**DOCTOR OF PHARMACY**

**(Morning & Evening)**

**PROGRAMS**

**CANDIDATES**



# ENGLISH

Complete the sentences by choosing the most appropriate word, from the given lettered choices (A to D) below each.

1. Ahmad always seeks \_\_\_\_\_ wealth.

- A. from
- B. with
- C. to
- D. for

Each question below consists of a related pair of words, followed by five lettered pairs of words. Select the lettered pair that best expresses a relationship similar to that expressed in the original pair.

2. PAGE: BOOK::

- A. sailors: crew
- B. petal: flower
- C. leaf: stalk
- D. singers: chorus

Choose the lettered word or phrase that is most nearly opposite in meaning to the word in capital letters.

3. PARTICULAR:

- A. general
- B. widespread
- C. diffused
- D. common

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

4. CHANGE:

- A. alter
- B. church
- C. complete
- D. decide
- E. agree



# UNIVERSITY OF KARACHI

**Read the passage to answer questions 5-6**

The vast multitude of stars are wandering about in space. A few form groups which journey in company, but the majority are solitary travelers. And they travel through a universe so spacious that it is an event of almost unimaginable rarity for a star to come anywhere near to another star. For the most part each voyages in splendid isolation, like a ship on an empty ocean. In a scale model in which the stars are ships, the average ship will be well over a million miles from its nearest neighbor, whence it is easy to understand why a ship seldom finds another within hailing distance.

**5. Which of the following is incorrect according to the passage?**

- A. Most of the stars travel in isolation**
- B. The universe is very large**
- C. A star very frequently comes near to another one**
- D. A star very rarely comes near to another one**
- E. Some stars travel in groups**

**6. In the passage the "ship" symbolizes:**

- A. space**
- B. traveler**
- C. universe**
- D. ocean**
- E. star**





**IQ / GK**

7. If  $4 \times 5 = 1620$ ,  $3 \times 8 = 924$  then  $7 \times 6 = ?$

- A. 1740
- B. 1880
- C. 4949
- D. 4942

8. A father is 5 times as old as his son. In 18 years, the father will be twice as old as his son. How old is the father at present?

- A. 20 years
- B. 30 years
- C. 50 years
- D. 40 years

9. When was Sui Gas first discovered in Pakistan?

- A. 1959
- B. 1952
- C. 1981
- D. 1989

10. Sun is a(n):

- A. star
- B. asteroid
- C. planet
- D. satellite





## PHYSICS

11. Which of the following quantities is a scalar?

- A. magnetic moment
- B. acceleration due to gravity
- C. electric field
- D. electrostatic potential

12. A particle is projected at angle of  $45^\circ$  with a velocity of  $9.8\text{ms}^{-1}$ . The horizontal range will be:

- A.  $9.8 / 2\text{m}$
- B.  $9.8 \text{ 2m}$
- C.  $9.8$
- D.  $4.9\text{m}$





## CHEMISTRY

13. Viscosity of liquids depends upon:

- A. Temperature
- B. Size of molecule
- C. Shape of molecule
- D. Inter-molecular forces
- E. All of the above

14. Which pair of gases have same rate of diffusion at STP?

- A.  $H_2$  and Ne
- B.  $O_2$  and CO
- C.  $CO_2$  and  $C_3H_8$
- D.  $CO_2$  and  $SO_2$





## **BIOLOGY**

15. Molds and yeast are classified as:

- A. Rhodophytes
- B. Bryophytes
- C. Fungi
- D. Ciliates
- E. Flagellates

16. Which compound captures light energy in plants?

- A.  $O_2$
- B.  $CO_2$
- C.  $H_2O$
- D. Chlorophyll
- E. None of the above





# UNIVERSITY OF KARACHI

## **ANSWER KEYS**

Q #.	Right Choice
1	D
2	B
3	C
4	A
5	C
6	E
7	D
8	B
9	B
10	A
11	D
12	C
13	E
14	C
15	C
16	D