

**SAMPLE PAPER  
LIB ASST/ASST LIB  
(MALE-FEMALE)  
(BPS-09)**

## ENGLISH

Choose the best option, from the given choices below each sentence.

1. The newest fiber-optic cables that carry telephone calls cross-country are made of glass so \_\_\_\_\_ that a piece 100 miles thick is clearer than a standard windowpane.

- A) fragile
- B) immaculate
- C) tangible
- D) transparent
- E) iridescent

Choose the best opposite of the following words.

2. USUAL:

- A) greedy
- B) bizarre
- C) brief
- D) fortunate

Choose the best same meaning of the following words.

3. BRAVE:

- A) daring
- B) panicky
- C) anxious
- D) scared

Read the following passage to answer question (4)

The Big Bang theory, an explanation of the origins of our universe, is one of the greatest intellectual achievements of the twentieth century. According to this theory, about ten to twenty million years ago, the matter of which the universe is made was infinitely tightly compressed. Something—called the Big Bang—turned this matter into a gigantic fireball. As the matter was set into motion and flew away from its compressed state, bits of it became glued together to create galaxies and later, stars and planets. The motion of the matter that flew out of the fireball continues today, and the universe appears to be expanding. The theory grew out of observations of the Doppler effect. It explains that the frequency of radiation given off by a moving body decreases as the sources get further from the observer. In 1965, scientists discovered that the radiation bathing the earth is at the precise microwave frequency that would be expected if the universe began with a big bang. Some scientists think the expansion of the universe will continue to infinity, while others theorize that gravity will, at some point in the far distant future, collapse back onto itself in a "big crunch," returning it to a state of compressed matter.

**4. As a moving object gets further from its source, its radiation frequency:**

- A) stays the same**
- B) grows larger**
- C) grows smaller**
- D) expands**
- E) collapses**

## ANALYTIAL REASONING

### Questions 5-6

- I. There is a group of five persons - A, B, C, D and E.
- II. One of them is a horticulturist, one is a physicist, one is a journalist, one is an industrialist and one is an advocate.
- III. Three of them - A, C and advocate' prefer tea to coffee and two of them. B and the journalist prefer coffee to tea.
- IV. The industrialist and D and A are friends to one another but two of these prefer coffee to tea.
- V. The horticulturist is C's brother.

5. Who is a horticulturist?

- A) A
- B) B
- C) C
- D) D
- E) E

6. Who is an industrialist?

- A) E
- B) C
- C) B
- D) D
- E) A

New research has proven that we can really do a lot to keep our brain healthy. The study shows that more than 9,200 elderly smokers showed that they lost their ability to think sooner than non-smokers did. The reason might be that better lung function is related to lower risk of cognitive decline.

7. Which of the following has been assumed by the passage?

- A) Most of us have an unhealthy brain.
- B) More than half the people in the world are smokers.
- C) Smoking leads to ailments related to lung.
- D) Smokers also have problems in perceiving and remembering things.
- E) Till now, no one thought that we could do anything for the health of our brain.

## GK/CA/PS

8. If you face the rising sun early in the morning, it means you are facing:

- A) East
- B) West
- C) North
- D) South

9. Pakistan's largest Stock Exchange is in:

- A) Lahore
- B) Peshawar
- C) Karachi
- D) Islamabad

## **SUBJECT**

**10. A publication issued every three years is called:**

- A) Quadrennial**
- B) Septennial**
- C) Decennial**
- D) Triennial**

**11. Brown charging system is for:**

- A) Classification**
- B) Cataloguing**
- C) Indexing**
- D) Circulation**

## ANSWER KEY

| Q# | Correct choice |
|----|----------------|
| 1  | D              |
| 2  | B              |
| 3  | A              |
| 4  | C              |
| 5  | A              |
| 6  | C              |
| 7  | C              |
| 8  | A              |
| 9  | C              |
| 10 | D              |
| 11 | D              |