

**KHYBER PAKHTUN KHAW, PUBLIC SERVICE
COMMISSION, PESHAWAR**
**Competitive Exams for the Post of Provincial
Management Services 2010**

Subject: GK Everyday Science

Total MCQs: 100

Total Marks: 100

Q-1. Write short notes on any two of the following:

(b) Atomic Structure

(05 marks each)

(c) Stars and Planets

(a) Solar system

Q-2. Write briefly about any five of the following:

(b) stratosphere

(a) ionosphere

(d) vaccine

(e) Chromosomes

Q-3. Describe

(a) Classification of Plants

(b) (1) FORTRAN

(b) Green house effect

Q-4. Differentiate between

(a) Fission and fusion

(b) Organic and Inorganic compounds

(d) Exothermic and endothermic reactions

(e) RAM and Rom

(c) cell

(c) BIT and BYTE

Q-5 Briefly account for

(a) The weight of a body is less at equator than at the poles.

(b) Water is a good solvent.

(c) Green color in most of the plants.

We always see only one side of the moon.

We never see birds urinating.

Q-6 Give a brief account of the following

(a) Human physiology

Q-7

(b) Renewable energy resources.

(4) What are similarities and differences between animals and plants"? (

b) Discuss in detail diversity in digestive structure in invertebrates

Q-8 (a) How computers has affected our daily lives? Discuss positive and negative aspects separately.

(b) What characteristics affect overall performance of a computer. Clearly mention the role of each

Q-9

. Elaborate the achievements of any two of the following scientists

(a) Al-Beruni

(b) Mendal

(c) Zakariya Al Razi

Q-10

. (a) Briefly describe the renewable resources of energy.

(b) Discuss various types of satellites.

Q-11. Encircle the correct choice

1. The clock speed of a microcomputer is measured in:

(a) Hertz

(b) Bytes

(c) DPI

(d) None of these

2. Which of the following is a non impact printer:

(a) Daisy Wheel

(b) Dot Matrix

(c) Ink Jet

(d) None of these

3. (US) Which is (are) true about Super Drive

(a) It is an open device (

b) It can write DVD's

(c) Both of these is:

(d) None of these

4. Aspect ratio of the WIDE SCREEN monitor

(a) 4:3 (iv)

(b) 16:9

(0) Either (a) or (b)

(d) Neither (a) nor (b)

5. The capacity of the hard disc is measured in:

(a) Bytes

(b) Grams

(c) Hertz

(d) None of these

Q-12 . Discuss Einstein's two major contributions to the knowledge of Science.

Q-13. Write briefly on any FIVE of the followings

(2) Dengue Virus

(b) Optical fiber

(c) Ozon layer

(d) Fermentation

(e) Centrifuge

(1) Black Hole

Q-14. (a) Describe angiosperm and gymnosperm plants.

(b) What do you know about genetics

Q-15. Write short notes on any two of the following

(a) Plasma

(b) Laser

(c) Antibiotics