



SAMPLE PAPER

Application ID: _____
Session: _____

College/Dept: Department of Physical Therapy

Paper Type: MCQs
Total Marks: 100

Exam Type: Entry Test
Time Allowed: 120 minutes

Instructions

- Encircle the right choice in OMR sheet provided separately.
- Each question carries equal marks.
- DO NOT write on this sheet.

SECTION A: PHYSICS

- 1 mile is equivalent to 1609 m so 55 mph is:
 - 15 m/s
 - 25 m/s
 - 66 m/s
 - 88 m/s
- The average speed of a moving object during a given interval of time is always:
 - The magnitude of its average velocity over the interval
 - The distance covered during the time interval divided by the time interval
 - One-half its speed at the end of the interval
 - Its acceleration multiplied by the time interval
- We say that the displacement of a particle is a vector quantity. Our best justification for this assertion is:
 - Displacement can be specified by a magnitude and a direction
 - Operating with displacements according to the rules for manipulating vectors leads to results in agreement with experiments
 - A displacement is obviously not a scalar
 - Displacement can be specified by three numbers

SECTION B: BIOLOGY

- Viruses are recognized as particles with which one of the following components?
 - Lipid coat
 - Protein coat
 - Carbohydrate coat
 - Amino acid coat



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5. In which one of the following components of cell the new ribosomes are assembled?
- Nucleus
 - Endoplasmic reticulum
 - Cytoplasm
 - Nucleolus
6. In case of typical malarial attack, malarial patient presents which of the following symptoms:
- Very cold and chilly
 - Very warm
 - Sleepy
 - Normal

SECTION C: CHEMISTRY

7. Substance that affects the rate of reaction but remains unaltered at the end of the reaction is called
- Catalyst
 - Acid
 - Base
 - None of the above
8. Reactions which proceed in the forward direction and go to completion are called
- Irreversible reaction
 - Equilibrium reaction
 - Reversible reaction
 - None of the above
9. Elements in the same vertical group of the periodic table have same
- Number of valence electrons
 - Atomic number
 - Atomic mass
 - Atomic volume



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SECTION D: ENGLISH

Note: Choose the most appropriate antonym for the given words

10. ENIGMA

- a. Mystery
- b. Postmortem
- c. Demise
- d. Understood

ANALOGIES

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

11. DEGREE: TEMPERATURE

- a. ounce: weight
- b. fathom: volume
- c. mass: energy
- d. time : length

SECTION E: General Mathematics

12. A and B can do a job in 6 days. If A does the job alone he takes 10 days. What will be the time required by B to complete the job alone?

- a. 8
- b. 6
- c. 15
- d. 3

13. Which number will come next?

5, 7, 10, 12, 14, 24, 26, ____

- a. 52
- b. 28
- c. 30
- d. 48



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SECTION F: CURRENT AFFAIRS/GENERAL KNOWLEDGE

14. Muneer Ahmed Qureshi (Munnu Bhai) renowned columnist , poet and writer passed away in Lahore on :
- 19th Jan 2018
 - 5th Jan 2018
 - 15th Jan 2018
 - 10th Jan 2018
15. Pakistan Army launched Operation Zarb-e-Azb in which of the following area
- North Waziristan
 - Azad Kashmir
 - Sawat
 - Sindh

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