

MCPS in Health Care Systems Management

FORMAT & SAMPLE OF ENTRANCE TEST

GENERAL INSTRUCTIONS FOR TAKING THE TEST:

Reporting Time: Reporting time for the test is 9:00 a.m. Registration & Verification: 9:00am to 9:20 a.m.
Test starts at 9:30 a.m. sharp

Test Duration: Total Duration of test is one hour from 9:30 a.m. – 10:30 p.m. sharp

Identification for admission to the Test Centre

To be admitted to the test centre, you must bring your admit card, invitation letter of CPSP Entrance test and Original CNIC/ Passport/ Driving License or Service card with you.

Test Centre Procedures and Regulations

- Items like books, pamphlets, protractors, compasses, rulers, highlighter pens, cell phones with headphones, watch alarms including those with flashing lights or alarm sounds, dictionaries, key board, or paper of any kind are not allowed.
- You can only leave the centre during the test if the Supervisor permits. You will not be permitted to make up for the lost time.
- You can use the 2 blank pages attached with test paper to do rough work.
- Visitors will not be allowed in the test centre while the test is in progress.
- Failure to comply with the Supervisor's directions will result in your test being cancelled.
- A supervisor is authorized to dismiss you from the test session for:
 - Creating a disturbance
 - Giving a receiving help
 - Using any unauthorized aids including notes, books, calculators or paper of any kind
 - Working on any part of a test after the time has been called
 - Attempting to remove test materials or notes from the test center
 - Eating and/or drinking/ Smoking during the test

Candidate will be required to return your test paper to the Supervisor as it is the property of CPSP.

Negative Marking: Mark all answers in your test paper. There will be no negative marking for the test.

SAMPLE TEST PAPER PATTERN:

This paper describes the format of test that will be administered by CPSP for the Membership Program in Health Care Systems Management. The test is designed to measure the level of basic health knowledge, proficiency in English language as well as mathematical and analytical abilities. The test will take around one hour. There will be 4 sections of the test, which are as follows:

Basic Health Knowledge: Including health indicators for Pakistan, current health programs, issues and priorities in the health care sector (10 questions in 10 minutes)

English: Word meaning, antonyms and reading comprehension (20 questions in 20 minutes)

Mathematics: Word problems, fractions, ratio & proportion, quantitative comparison and simple algebraic problems. (15 questions in 15 minutes)

Problem Solving: Analytical problems, patterns, sequences/ series, analogies and puzzles. (15 questions in 15 minutes)

SECTION 1: BASIC HEALTH KNOWLEDGE

There will be 10 questions. You should be managing this section in 10 minutes.

Directions: For each of the questions in this section, carefully read the 5 choices marked (A), (B), (C), (D) and (E) in your test paper. Choose **one best answer** from the 5 choices which you consider is the correct answer. Two sample questions are given below:

1. What is the full form of DOTS?
 - a. Directly obtained treatment short course
 - b. Direct observation of tuberculosis schedule
 - c. Directly observed treatment short course
 - d. Determined observation for treatment short course
 - e. Directly organized treated subject

2. The key public health tool in controlling any disease in a specific population is:
 - a. Survey
 - b. Surveillance
 - c. Sampling
 - d. Morbidity rates due to that disease
 - e. Mortality rates due to that disease

3. Which of the following is the live attenuated vaccine?
 - a. Diphtheria
 - b. Oral polio
 - c. Tetanus Toxoid
 - d. Pertusis
 - e. IV measles

4. Which is the level of prevention for interventions related to rehabilitation?
 - a. Primordial prevention
 - b. Primary prevention
 - c. Secondary prevention
 - d. Tertiary prevention
 - e. Prophylaxis

5. In an outbreak of cholera in a village of 5,000 populations, 50 cases have occurred and 15 died. The Incidence rate would be
 - a. 0.25%
 - b. 1%
 - c. 5%
 - d. 25%
 - e. 0.5%

SECTION 2: ENGLISH

There will be 20 questions. You should be managing this section in 20 minutes.

Directions: For each of the questions in this section, carefully read the 5 choices marked (A), (B), (C), (D), and (E) in your test paper. Select the letter of the choice which you consider is the correct answer. Four sample questions are given below:

Synonyms

Choose the letter that means the **same or about the same**

1. CEASE

- (A) collect
- (B) dismantle
- (C) halt
- (D) quote
- (E) send

Antonyms

Choose the letter that means the **opposite**

2. NUMB

- (A) early
- (B) hurt
- (C) limb
- (D) sensitive
- (E) strict

Reading Comprehension

The passage given below is followed by questions based on its content. After reading the passage, choose the **best** answer to each question from the 5 choices given.

Objects that are moving on a rotating disk or sphere tend to be deflected from motion in a straight line by the Coriolis force. For instance, objects which move northward or southward from the equator of the Earth tend to be deflected eastward by the Coriolis force. The force can generate very complex circulation patterns in atmospheres of planets which rotate very quickly. On the other hand, the Coriolis force does not complicate the atmospheric circulation of planets like Venus which rotate very slowly.

1. Venus will not have a complex circulation pattern within its atmosphere because:

- (A) It is a hot planet
- (B) It has a ring around it
- (C) It rotates very slowly
- (D) It is not a complex planet
- (E) It is deflected eastward

2. What is this text mainly about?

- (A) atmosphere
- (B) coriolis force
- (C) motion
- (D) objects which move northward or southward
- (E) Venus

SECTION 3: MATHEMATICS

There will be 15 questions. You should be managing this section in 15 minutes

Directions: For each of the questions in this section, carefully read the 5 choices marked (A), (B), (C), (D), and (E) in your test paper. Select the letter of the choice which you consider is the correct answer. Five sample questions are given below:

1. If x is a positive number and $\frac{x}{3} = \frac{12}{x}$, then $x =$

- (A) 3
- (B) 4
- (C) 6
- (D) 12
- (E) 36

2. In a freezer containing 400 apples, 64 are bad. The percentage of apples that are good is

- (A) 16%
- (B) 48%
- (C) 52%
- (D) 62%
- (E) 84%

3. 36 as a ratio of 78

- (A) 6:13
- (B) 6:15
- (C) 5:16
- (D) 3:16
- (E) 5:13

4. A building that is 150 ft tall casts a shadow of 20 feet long. At the same time a tree casts a shadow of 2 ft. How tall is the tree?

- (A) 10
- (B) 15
- (C) 20
- (D) 25
- (E) 30

5. Ahmed Ali was born on October 14, 1890 and died on March 28, 1969. What was his age, in year, at the time of his death

- (A) 77
- (B) 78
- (C) 79
- (D) 80
- (E) 81

SECTION 4: PROBLEM SOLVING

There will be 15 questions. You should be managing this section in 15 minutes

Directions: For each of the questions in this section, carefully read the question & select the choice marked (A), (B), (C), (D), and (E) in your test paper. Select the letter of the choice which you consider is the correct answer. Three sample questions are given below:

1. Which word does not belong?
apple, marmalade, orange, cherry, grape
 - A. apple
 - B. marmalade
 - C. orange
 - D. cherry
 - E. Grape

2. The day before the day before yesterday is three days after Saturday. What day is it today?
 - A. Monday
 - B. Tuesday
 - C. Wednesday
 - D. Thursday
 - E. Friday

3. Select the number that best completes the analogy
 $10 : 6 :: 3 : ?$
 - A. 2
 - B. 1
 - C. -1
 - D. 4
 - E. 12

Answer Key:

SECTION 1: BASIC HEALTH KNOWLEDGE

1. C
2. B
3. B
4. D
5. B

SECTION 2: ENGLISH

1. C
2. D
3. C
4. B

SECTION 3: MATHEMATICS

1. C
2. E
3. A
4. B
5. B

SECTION 4: PROBLEM SOLVING

1. B
2. E
3. C