

## HEALTH SCIENCE/HEALTH EDUCATION

### EXAMINATION SCHEME

There will be three papers – Papers 1, 2, and 3, all of which must be taken. Papers 1 and 2 will be a composite paper to be taken at one sitting.

**PAPER 1** - Will consist of fifty multiple choice objective questions, all of which must be taken in 1 hour for 50 marks.

**PAPER 2** - Will consist of two sections, Sections A and B.

Section A will consist of six short-structured questions, all of which must be answered for 30 marks.

Section B will consist of three essay questions out of which candidates will be required to answer two questions for 40 marks. The paper will last 1 hour.

**PAPER 3** - Will be a practical test for school candidates and an alternative test of practical work for private candidates. The paper will last for 1¼ hours and carry 80 marks.

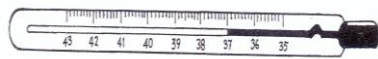
### SAMPLE QUESTIONS

#### PAPER 1 (OBJECTIVE)

- Which of the following materials can be regarded as nostrum?
  - Bandage
  - Scissors
  - Miracle substance
  - Wire guaze
- A census is important for the following reasons **except** to
  - plan for social amenities in the country.
  - know the actual number of people in the country.
  - know the number of males and females in the country.
  - assist in the exportation of raw materials from the country.
- The **major** problem associated with census is
  - language barrier and illiteracy.
  - finance and large number of females.
  - finance and large number of males.
  - cultural values and tribe.

4. Large population is **best** associated with the availability of the following factors **except**
  - A. commercial centres.
  - B. industries.
  - C. administrative centres.
  - D. prison.
5. The effects of over-population include
  - A. high production of goods.
  - B. poor standard of living.
  - C. increase in gross domestic products.
  - D. economic and social growth.
6. Substandard medicine products that have been falsely recommended as effective drugs can be regarded as
  - A. nostrum.
  - B. cosmetic.
  - C. nosh.
  - D. ergogenic.
7. Health insurance scheme is a means of providing
  - A. health care facilities to an individual.
  - B. fund to cater for individual health.
  - C. social amenities in the country.
  - D. food materials to an individual.

*The diagram below illustrates an equipment used for monitoring the health status of humans. Study it carefully and use it to answer Questions 8, 9 and 10.*



8. The illustrated equipment is a
  - A. stethoscope.
  - B. sphygmomanometer.
  - C. thermometer.
  - D. spirometer.
9. The equipment is used for measuring
  - A. heart beat.
  - B. blood pressure.
  - C. body temperature.
  - D. volume of air in the lungs.

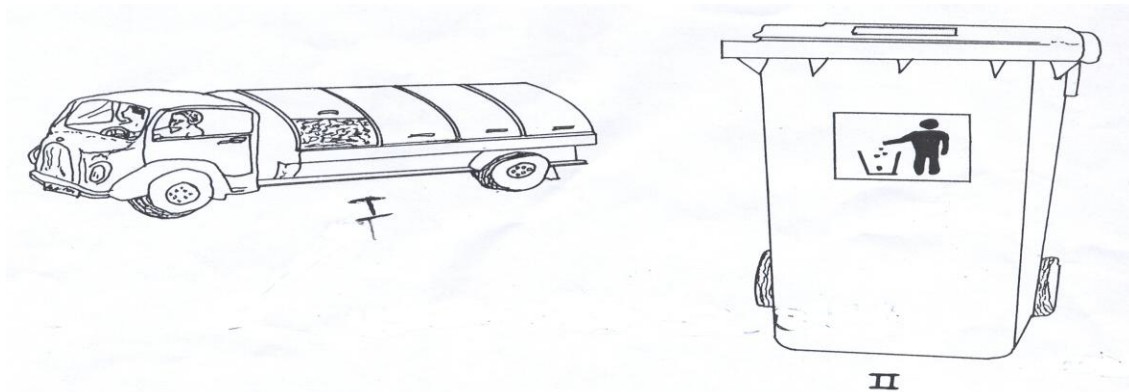
10. The reading on the equipment illustrated in the diagram is
- A. 35.
  - B. 36.
  - C. 37.
  - D. 38.

**PAPER 2**  
**(SHORT ESSAY)**

1. (a) Explain the term *education population*. [3 marks]  
(b) State **five** advantages of accurate census. [5 marks]
  
2. (a) What is *nostrum*? [2 marks]  
(b) List **three** types of nostrum. [3 marks]
  
3. (a) Mention **three** agencies that promote consumer health in your country. [3 marks]  
(b) List **three** quackery products. [3 marks]

**PAPER 3**  
**(TEST OF PRACTICAL WORK)**

1. The diagrams illustrate devices used in the society. Study them carefully and use them to answer the questions that follow.



- (a)
  - (i) Name the devices illustrated in the diagrams labeled **I** and **II**.
  - (ii) State **two** advantages and disadvantages of the device in the diagram labeled **I**.
- (b)
  - (i) List **four** organisms that could be found in the device in the diagram labeled **II** if it is not covered.
  - (ii) State **two** hygienic practices that could be carried out with the device in the diagram labeled **II**.
- (c) List **four** organizations that make use of the device in the diagram labeled **II**.
- (d) State **four** other methods that could be used in place of the devices in the two diagrams.