



Roll No.

Answer Sheet No. _____

Sig. of Candidate. _____

Sig. of Invigilator. _____ 81

BASIC MEDICAL SCIENCES HSSC-II

SECTION - A (Marks 10)

Time allowed: 10 Minutes

NOTE: Section-A is compulsory. All parts of this section are to be answered on the question paper itself. It should be completed in the first 10 minutes and handed over to the Centre Superintendent. Deleting/overwriting is not allowed. Do not use lead pencil.

Q. 1 Circle the correct option i.e. A / B / C / D. Each part carries one mark.

- (i) What is true about spread of scabies?
- | | |
|---------------|---------|
| A. Droplets | B. Air |
| C. Contagious | D. Food |
- (ii) Most abundant gas in the normal atmospheric air is:
- | | |
|-------------|----------|
| A. Nitrogen | B. O_2 |
| C. H_2 | D. Ozone |
- (iii) The causative Agent of malaria is:
- | | |
|-------------|--------------|
| A. Virus | B. Plasmodia |
| C. Bacteria | D. Protozoa |
- (iv) What one is **NOT** in line with the other?
- | | |
|--------|-----------|
| A. BCG | B. MMR |
| C. OPV | D. HBs Ag |
- (v) Which one of the following is most suitable for solid-waste management?
- | | |
|-----------------|------------------------|
| A. Incineration | B. Dumping underground |
| C. In river | D. Recycling |
- (vi) What is the best first-aid in case of heavy dose of pills?
- | | |
|-----------------------|------------------|
| A. Early stomach wash | B. Late vomiting |
| C. Antidote | D. Diuretics |
- (vii) What to do first of all in case of trauma leading to severe bleeding?
- | | |
|------------------------------------|-----------------|
| A. Stop bleeding first by pressure | B. Tourniquet |
| C. Pressure bandage | D. All of these |
- (viii) Polio and Measles spread through:
- | | |
|------------------------------------|----------|
| A. Droplets (cough and sneezing) - | B. Touch |
| C. Water | D. Food |
- (ix) What should **NOT** be done in case of severe diarrhea vomiting?
- | | |
|----------------------------|-------------------------|
| A. Blood transfusion | B. Ringer lactate drips |
| C. Antibiotics like flagyl | D. Injection Gravinate |
- (x) In case of snake-bite, the order of preference is:
- | | |
|------------------------|-----------------|
| A. Cut and suck method | B. DC-shock |
| C. ASV | D. All of these |

For Examiner's use only:

Total Marks:

10

Marks Obtained:



BASIC MEDICAL SCIENCES HSSC-II

82

Time allowed: 2:20 Hours

Total Marks Sections B and C: 40

NOTE: Answer any eight parts from Section 'B' and any two questions from Section 'C' on the separately provided answer book. Use supplementary answer sheet i.e. Sheet-B if required. Write your answers neatly and legibly.

SECTION – B (Marks 24)

Q. 2 Answer any EIGHT parts. The answer to each part should not exceed 3 to 5 lines. (8 x 3 = 24)

- (i) Define Epidemiology what are the three criteria to determine prevalence of a diseases?
- (ii) What is isolation and quarantine; give examples?
- (iii) What is carrier and vector give examples?
- (iv) Write names and uses of all different types of bandages.
- (v) What are the four methods of evacuation of persons from place of danger?
- (vi) What are different routes of entry of disease causing agents in our body?
- (vii) What is the mode of spread and signs and symptoms of Tetanus?
- (viii) Define Public Health. What is Health?
- (ix) How to remove a Foreign body chocking the throat?
- (x) How to differentiate between poisonous and non-poisonous snakes?
- (xi) Write management of person having epileptic fit.

SECTION – C (Marks 16)

Note: Attempt any TWO questions. All questions carry equal marks. (2 x 8 = 16)

- Q. 3** Make a complete chart of vaccination from day one of a child upto five years.
- Q. 4** How to prevent pollution of Air? Write its normal composition.
- Q. 5** Write in detail the method of CPR, what do you mean by LLF.