

2011



Roll No.

Answer Sheet No. \_\_\_\_\_

Sig. of Candidate. \_\_\_\_\_

Sig. of Invigilator. \_\_\_\_\_

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**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 the first approach to an unconscious casualty?  
A. Immediately check for heart beat  
B. Check for breathing  
C. Check for "Shake" and "Shout" response  
D. Check for pupil size
- (ii) Anaphylactic Shock occurs due to \_\_\_\_\_  
A. Severe allergic response                      B. Blood loss  
C. Severe bacterial infection                      D. Fluid and electrolyte loss
- (iii) If a single first aider is providing BLS, the heart compression and respiration ratio is \_\_\_\_\_  
A. 15 Compression : 2 Breath                      B. 2 Compression : 15 Breath  
C. 1:1    D. 3 Compression : 2 Breath
- (iv) "Human Crutch" method for transporting a patient is used \_\_\_\_\_  
A. For children    B. Patient with spinal injury  
C. Patient who can walk with support                      D. Patient with injury to lower limbs
- (v) What should **NOT** be done in case of Burn injury?  
A. Use ice cold water for cooling the burnt area  
B. Use plain water freely  
C. Do not open doors and windows for fresh air  
D. Hold a thick blanket in front of yourself while approaching a casualty on fire
- (vi) The first dose of OPV (Oral Polio Vaccine) is given \_\_\_\_\_  
A. At 6 weeks    B. 10 weeks  
C. 14 weeks    D. At Birth
- (vii) Tuberculosis is a disease caused by \_\_\_\_\_  
A. Bacteria    B. Parasite  
C. Virus    D. Bite of mosquito
- (viii) The Vector of Marlaria is \_\_\_\_\_  
A. Aedes Mosquito    B. Anopheles Mosquito  
C. Culex Mosquito    D. House fly
- (ix) Spread of Tuberculosis mostly occurs by \_\_\_\_\_  
A. Ingestion of contaminated milk                      B. From mother to baby (Trans Placental)  
C. Droplet infection    D. From contaminated water
- (x) The most important method of disinfection of water is \_\_\_\_\_  
A. Sedimentation    B. Chlorination  
C. Filtration    D. Addition of Alum

For Examiner's use only:

Total Marks:

10

Marks Obtained:

2017



## BASIC MEDICAL SCIENCES HSSC-II

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

- (i) What are the four main objectives of First Aid?
- (ii) Give the signs of Suffocation.
- (iii) What is the first aid management of Dog bite?
- (iv) How can you differentiate between Poisonous and Non-poisonous snake bite? Also give first aid management.
- (v) What are the signs/symptoms and management of Hypoglycemia?
- (vi) Give EPI Schedule for children under 12 months of age in a tabulated form.
- (vii) Explain briefly the following:
  - a. Clean water
  - b. Polluted water
  - c. Contaminated water
- (viii) Define Convalescent carriers and Symptomless carriers.
- (ix) Name the six links in chain of infection. What are the sources of infection?
- (x) Name any five diseases transmitted by Droplet Inhalation.
- (xi) What is Incubation period? Give incubation period of any two EPI diseases.

### SECTION – C (Marks 16)

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

- Q. 3**
  - a. What is the composition of air?
  - b. What are the causes of air pollution?
  - c. Which factors produce discomfort in an overcrowded and poorly-ventilated room?
- Q. 4** Describe the steps of providing Artificial Respiration to a casualty.
- Q. 5** What is the first aid for Bleeding injuries?