



110

# BASIC MEDICAL SCIENCES HSSC-II

## SECTION – A (Marks 10)

Time allowed: 10 Minutes

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**Note:** Section – A is compulsory. All parts of this section are to be answered on the separately provided OMR Answer Sheet which 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** Choose the correct answer A / B / C / D by filling the relevant bubble for each question on the OMR Answer Sheet according to the instructions given there. Each part carries one mark.

- 1) Tuberculosis is spread by:  
A. Orofaecal route  
B. Droplet infection  
C. Blood borne  
D. Dog bite
- 2) Koplick spots are seen in which disease?  
A. Measles  
B. Mumps  
C. Malaria  
D. Rabies
- 3) Oral Poliodrops are given according to EPI programme in following manner:  
A. Only at 6th and 10th weeks of age  
B. At birth only  
C. At birth, 6th, 10th and 14th weeks of age  
D. Only at 10th and 15th weeks
- 4) Which of the following is water-borne disease?  
A. Measles  
B. Tetanus  
C. Tuberculosis  
D. Hepatitis A
- 5) The normal range of blood pressure is:  
A. 140/90 mmHg  
B. 110/60 mmHg  
C. 120/80 mmHg  
D. 100/70 mmHg
- 6) All are the signs and symptoms seen in asphyxia **EXCEPT**:  
A. Difficult breathing  
B. Frothing from mouth  
C. Cyanosis  
D. Severe abdominal pain
- 7) Shock which occurs due to allergic reaction is:  
A. Hypovolemic shock  
B. Anaphylactic shock  
C. Septic shock  
D. Cardiogenic shock
- 8) Most commonly used anti-septic solution in Pakistan is:  
A. Dettol  
B. Formalin  
C. Cresol  
D. Phenol
- 9) Vaccine used for new-borns within 24 hours after birth is:  
A. Inj. Enderix  
B. Inj BCG  
C. Inj DPT  
D. Inj MMR
- 10) Treatment of Heat Stroke includes all **EXCEPT**:  
A. Remove clothing  
B. Place ice packs under armpits  
C. Use fans  
D. Do not drink cold water



# BASIC MEDICAL SCIENCES HSSC-II

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) Enlist the methods of contraception, for family planning.
- (ii) What do you mean by ICE-BERG of disease?
- (iii) Write signs and symptoms of heat-stroke.
- (iv) What is the "rule of nine"; write percentages of burns in human body.
- (v) Write down prevention and treatment of Rabies.
- (vi) Enlist causing agents of the following diseases.
  - a) Typhoid fever
  - b) Cholera
  - c) Tuberculosis
- (vii) What is the difference between disinfection and sterilization?
- (viii) Give definitions of the following terms:
  - a) Epidemic
  - b) Endemic
  - c) Pandemic
- (ix) What can be the first aid management of stroke?
- (x) Write risk factors of heart diseases.
- (xi) Briefly discuss ways of prevention of Hepatitis B & C.

## SECTION – C (Marks 16)

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

- Q. 3** What do you mean by EPI, write its schedule in detail.
- Q. 4** Discuss shock in detail; its causes, clinical picture, and management.
- Q. 5** Write a detailed note on Poliomyelitis; its causing agents, mode of transmission, clinical picture and prevention.