

**PARUL UNIVERSITY**  
**FACULTY OF MEDICINE**  
**M.B.B.S January 2020 Examination**

**Year: 3****Subject Code: 19100304****Subject Name: Preventive & Social Medicine - 2****Date: 03-01-2020****Time: 10:30am to 1:00pm****Total Marks: 60****Instructions:**

1. Attempt all questions from each section.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Write section-A, section-B, section-C on separate answer sheets.

**SECTION A****Q-1 Multiple choice questions****(10)**

1. New WHO- ORS osmolarity is:  
(a) 270 (c) 290  
(b) 245 (d) 310
2. Drug of choice for chemoprophylaxis of Cholera:  
(a) Tetracycline (c) Furazolidone  
(b) Doxycycline (d) Co-trimoxazole
3. Killed vaccine of Polio is?  
(a) Salk (c) Sabin  
(b) Both (d) None
4. "Rule of halves" is seen in:  
(a) CHD (c) Blindness  
(b) Hypertension (d) Accidents and Injuries
5. Disease not included in Vision 2020 India is:  
(a) Cataract (c) Diabetic retinopathy  
(b) Glaucoma (d) Onchocerciasis
6. Epidemic dropsy is caused by:  
(a) Sanguinarine (c) BOAA  
(b) Pyruvic acid (d) Mustard oil
7. Population genetics is related with:  
(a) Mandelian law (c) Hardy Weinberg law  
(b) Watson and crick model (d) Weigert mayor rule
8. Inhalation of sugarcane dust could cause:  
(a) Bagassosis (c) Tobacossis  
(b) Byssinosis (d) Farmer's Lung
9. Periodic examination of factory workers is a type of:  
(a) Primordial prevention (c) Secondary prevention  
(b) Primary prevention (d) Tertiary prevention
10. Black colour in triage of Disaster management is:  
(a) Death (c) High priority  
(b) Transfer (d) Low priority

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## SECTION B

- Q.2 Long questions (Any one out of two)** (10)
- (A) Define Neonatal mortality rate. What are the main causes responsible in India? Write in detail about the immediate care of the newborn.
  - (B) Which are the major nutritional problems in India? Explain them in brief. How will you carry out the assessment of nutritional status in community?
- Q.3 Short Notes (Any three out of four)** (15)
- (A) Prevention and management of H<sub>1</sub>N<sub>1</sub> (5)
  - (B) DOTS for management of Tuberculosis (5)
  - (C) Epidemiology and prevention of Dengue (5)
  - (D) Prevention of Diabetes Mellitus (5)

## SECTION C

- Q.4 Long questions (Any one out of two)** (10)
- (A) Enumerate the steps of Acute Flaccid paralysis surveillance. Write in detail about the interventions under “Polio end game strategic plan”.
  - (B) Which are the different occupational hazards encountered in industries? Write in detail about the prevention of such hazards
- Q.5 Answer in short (Any five out of six)** (15)
- (A) Enumerate components of Integrated vector management (3)
  - (B) Immunization for typhoid infection (3)
  - (C) Control of diphtheria. (3)
  - (D) Assessment of proteins (3)
  - (E) Kangaroo mother care (3)
  - (F) Importance of “Triage” in disaster management. (3)