

Seat No: _____

Enrollment No: _____

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
(b) 245
(c) 290
(d) 310
2. Drug of choice for chemoprophylaxis of Cholera:
(a) Tetracycline
(b) Doxycycline
(c) Furazolidone
(d) Co-trimoxazole
3. Killed vaccine of Polio is?
(a) Salk
(b) Both
(c) Sabin
(d) None
4. "Rule of halves" is seen in:
(a) CHD
(b) Hypertension
(c) Blindness
(d) Accidents and Injuries
5. Disease not included in Vision 2020 India is:
(a) Cataract
(b) Glaucoma
(c) Diabetic retinopathy
(d) Onchocerciasis
6. Epidemic dropsy is caused by:
(a) Sanguinarine
(b) Pyruvic acid
(c) BOAA
(d) Mustard oil
7. Population genetics is related with:
(a) Mandelian law
(b) Watson and crick model
(c) Hardy Weinberg law
(d) Weigert mayor rule
8. Inhalation of sugarcane dust could cause:
(a) Bagassosis
(b) Byssinosis
(c) Tobacosis
(d) Farmer's Lung
9. Periodic examination of factory workers is a type of:
(a) Primordial prevention
(b) Primary prevention
(c) Secondary prevention
(d) Tertiary prevention
10. Black colour in triage of Disaster management is:
(a) Death
(b) Transfer
(c) High priority
(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 H₁N₁ (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)