

Examination August/September – 2020
Final Year BDS
Subject:- Public Health Dentistry
Code: 9719

05 SEP 2020

Duration: 3 hours

Maximum Marks: 70

Note:

All questions are compulsory
Figures on right side indicate marks
Draw diagrams wherever necessary

SECTION I

- 1) Define Epidemiology. Discuss the epidemiological investigation methods in analytical epidemiology. (10)
- 2) Attempt any one out of the two. (10)

Classify and explain Dental Auxillary.

OR

Discuss Atraumatic restorative treatment.

- 3) Write short notes on any three out of four (09)

- 1) Bimodality
- 2) Ice Berg phenomenon
- 3) Biomedical waste management
- 4) Principles of PHC

- 4) Multiple choice questions: attempt all (06)

1. Which of the following agent is not used as chemical plaque control
 - a. Delmopinol
 - b. Chlorhexidine
 - c. Cetylpyridinium chloride
 - d. Mercurochrome
2. The use of mass media in dental health education is:
 - a. Effective for all ages
 - b. Effective in gaining specific response
 - c. Limited in effectiveness to change
 - d. None of the above
3. The ultimate goal of all epidemiological studies is
 - a. Finding Etiology
 - b. Identification of disease
 - c. Control of disease
 - d. Quantification of disease
4. Brushing teeth in horizontal direction would cause:
 - a. Attrition and recession
 - b. Erosion and recession
 - c. Abrasion and recession
 - d. Corrosion and recession
5. The person who is permitted to diagnose, to plan and to carry out certain specified preventive and treatment measure without the supervising dentist is:
 - a. Dental Therapist
 - b. Dental Hygienist
 - c. School Dental Nurse
 - d. EFDA
6. The slogan "A clean tooth never decays" was given by:
 - a. GV Black
 - b. Leon Williams
 - c. McKay
 - d. Alfred Jones

SECTION II

1) Discuss in detail the epidemiology of oral cancer. Identify the prevention and control measures to reduce the problem in India. (10)

2) Attempt any one out of the two. (10)
Enumerate and explain in detail Caries Activity Tests.

OR

Mechanism of action of Fluorides in the prevention of Dental Caries

3) Write short notes on any three out of four (09)
1) Principles of Ethics
2) Theories of caries etiology.
3) Pit and Fissure Sealants
4) Tattletooth Program

4) Multiple choice questions: attempt all (06)

1. The ART technique was pioneered by:
a. Joe. faencken and Holmgren
b. McKay and Eager
c. Dean and associates
d. Sheiham and Watt
2. Which type of Preventive Resin Restoration involves a cavity extending into dentine and placing calcium hydroxide base?
a. Type A
b. Type B
c. Type C
d. Type D
3. The thickness of the sand bed in slow sand filter is:
a. 0.25 meter
b. 0.5 meter
c. 0.75 meter
d. 1 meter
4. The Certainly Lethal Dose of Fluoride is:
a. 8 – 16 mg of fluoride per kg of body wt
b. 16-32 mg of fluoride per kg of body wt
c. 32-64 mg of fluoride per kg of body wt
d. 64-128 mg of fluoride per kg of body wt
5. 8 ppm of fluoridated water can result in severe type of dental and skeletal fluorosis after:
a. 0-2 years
b. 2-4 years
c. 5-6 years
d. 5-10 years
6. The predominant immunoglobulin present in saliva is:
a. Ig A
b. Ig D
c. Ig E
d. Ig M