

**BDS SECOND PROFESSIONAL EXAMINATION 2007**  
**COMMUNITY AND PREVENTIVE DENTISTRY (MCQs)**

**Model Paper**

**Marks: 45**

**Time: 45 minutes**

**Total No. of MCQs 45**

**One mark for each MCQ**

**01. The major component of dental plaque is:**

- a. Materia alba.
- b. Lactic acid.
- c. Desquamated epithelial cells.
- d. Microorganism.
- e. Salivary contents.

**Key: d**

**02. The optimum amount of fluoride in drinking water that does not produce mottling of enamel yet causing reduction in dental caries is:**

- a. 0.01 PPM.
- b. 0.1 PPM.
- c. 1.0 PPM.
- d. 2.1 PPM.
- e. 4.5 PPM.

**Key: c**

**03. Name the indicator which reveals the burden of ill health of the community:**

- a. Mortality indicator.
- b. Nutritional state indicator.
- c. Disability rate.
- d. Morbidity indicator.
- e. Socioeconomic indicator.

**Key: d**

**04. Examining a patient in dental office is equivalent to community dental health:**

- a. Analysis of data.
- b. Program planning.
- c. Program operation.
- d. Surveying.
- e. Evaluation.

**Key: d**

**05. Seasonal trend is characteristic of:**

- a. Communicable disease.
- b. Non-communicable disease.
- c. Congenital disease.
- d. Malignant disease.
- e. Autoimmune disease.

**Key: a**

**BDS SECOND PROFESSIONAL EXAMINATION 2007**  
**COMMUNITY AND PREVENTIVE DENTISTRY (MCQs)**

**Model Paper**

06. **Relationship between prevalence, incidence and duration of illness is:**
- a. Prevalence = incidence x duration of illness.
  - b. Incidence = prevalence x duration of illness.
  - c. Duration of illness = prevalence x incidence.
  - d. Incidence = duration of illness/prevalence.
  - e. There is no such relation between prevalence, incidence and duration of illness.

**Key: a**

07. **The epidemiological triad is:**
- a. Agent, host, disease.
  - b. Agent, environment, disease.
  - c. Agent, host, environment.
  - d. Host, disease, time.
  - e. Agent, disease, time.

**Key: c**

08. **A trial which determines the feasibility and practicality of a study is called a:**
- a. Longitudinal study.
  - b. Placebo.
  - c. Case control study.
  - d. Cohort study.
  - e. Pilot study.

**Key: e**

09. **Hypothesis is:**
- a. A report.
  - b. A synopsis.
  - c. A theory.
  - d. A supposition from an observation.
  - e. An experiment.

**Key: d**

10. **What is primary cause of periodontal disease?**
- a. Food habits.
  - b. Lifestyle.
  - c. Bacterial plaque.
  - d. Systemic disease.
  - e. Vitamin deficiency.

**Key: c**

11. **Standard deviation is also known as:**
- a. Normal distribution.
  - b. Standard error of proportion.
  - c. Standard error of mean.
  - d. Mean deviation.
  - e. Root mean square deviation.

**Key: e**

**BDS SECOND PROFESSIONAL EXAMINATION 2007**  
**COMMUNITY AND PREVENTIVE DENTISTRY (MCQs)**

**Model Paper**

12. **Measures of central tendencies are:**
- a. Median, range and mode.
  - b. Mean, median, mode.
  - c. Mean, mode and mean deviation.
  - d. Mean, mode and standard deviation.
  - e. Mode, mean deviation and standard deviation.
- Key: b**
13. **The total area of a normal curve is:**
- a. 0.1.
  - b. 1.1.
  - c. 10.
  - d. 1.
  - e. 0.01.
- Key: d**
14. **Spread of dispersion is expressed by:**
- a. Mean.
  - b. Mode.
  - c. Range.
  - d. Standard deviation.
  - e. Ratio.
- Key: d**
15. **A decision about a course of action is:**
- a. Goal.
  - b. Aim.
  - c. Objective.
  - d. Plan.
  - e. Evaluation.
- Key: d**
16. **Fourth dimension of health proposed to be added to WHO's definition of health is:**
- a. Physical.
  - b. Mental.
  - c. Social.
  - d. Cultural.
  - e. Spiritual.
- Key: e**
17. **There is a basic desire to learn in each and every individual, awakening of this desire is known as:**
- a. Education.
  - b. Motivation.
  - c. Stimulation.
  - d. Counseling.
  - e. Persuasion.
- Key: b**

**BDS SECOND PROFESSIONAL EXAMINATION 2007**  
**COMMUNITY AND PREVENTIVE DENTISTRY (MCQs)**

**Model Paper**

18. **Tenacious jelly like material on tooth surface is:**
- Material alba.
  - Dental plaque.
  - Food debris.
  - Calculus.
  - Stain.
- Key: b**
19. **Which of the following preventive measure should be recommended for an 18 year old person WHO has no caries or restoration:**
- Pit and fissure sealant.
  - Dietary counseling.
  - Topical fluoride application.
  - Oral hygiene instructions and prophylaxis.
  - Systemic fluoridation.
- Key: d**
20. **The component of dental plaque most responsible for its adhesiveness is:**
- Bacteria.
  - Calcium ions.
  - Dead cells.
  - Dextran.
  - Viruses.
- Key: d**
21. **The concentration of  $\text{SnO}_2$  used for topical application is:**
- 2%.
  - 10%.
  - 8%.
  - 1.23%.
  - 5%.
- Key: c**
22. **Which of the following is most effective method of preventing dental carries in general population:**
- Diet counseling.
  - Oral prophylaxis.
  - Fluoride mouth rinses and pastes.
  - Systemic fluoride.
  - Topical fluoride.
- Key: d**

**BDS SECOND PROFESSIONAL EXAMINATION 2007**  
**COMMUNITY AND PREVENTIVE DENTISTRY (MCQs)**

**Model Paper**

23. **Deflouridation of water can be done by:**
- Sodium chloride.
  - Potassium permanganate.
  - Chlorine.
  - Lime and alum.
  - Bleaching powders.
- Key: d**
24. **Choose the most effective mechanical device for cleaning interdental surfaces of teeth:**
- Conventional tooth brush.
  - Powered tooth brush.
  - Triangular tooth picks.
  - Interdental brushes.
  - Gauze strips.
- Key: d**
25. **Gingivitis is initiated most commonly by:**
- Vitamin deficiency.
  - Pregnancy.
  - Local irritating factors.
  - Calcium deficiency.
  - Malocclusion.
- Key: c**
26. **Tooth brushing appears to be the most effective in prevention of :**
- Bad breath.
  - Malocclusion.
  - Periodontal diseases.
  - Oral cancer.
  - Premalignant lesions.
- Key: c**
27. **Humectants are added in the Dentifrice (tooth pastes) to:**
- Decrease the surface lesion of the dentifrice.
  - Prevent the separation of the liquid and solid component of the paste.
  - Help in carries control.
  - Prevent the paste from drying out.
  - Help in preventing periodontal disease control.
- Key: d**
28. **Oral cancer can be prevented by:**
- Early screening.
  - Biopsy.
  - Radian.
  - Surgery.
  - Chemotherapy.
- Key: a**

**BDS SECOND PROFESSIONAL EXAMINATION 2007**  
**COMMUNITY AND PREVENTIVE DENTISTRY (MCQs)**

**Model Paper**

29. **Intervention of a disease at a stage before the disease occurs is:**
- a. Primary prevention.
  - b. Immediate prevention.
  - c. Community prevention.
  - d. Secondary prevention.
  - e. Tertiary prevention.

**Key: a**

30. **Which of the sugar is least cariogenic:**
- a. Glucose.
  - b. Sucrose.
  - c. Lactose.
  - d. Fructose.
  - e. Xylitol.

**Key: e**

31. **Vitamins act as:**
- a. Hormone.
  - b. Catalyst.
  - c. Stimulant.
  - d. Source of energy.
  - e. Source of protein.

**Key: b**

32. **Balance diet is one which contain:**
- a. High protein low carbohydrates.
  - b. High carbohydrates low protein.
  - c. All nutritive factors in proper proportion.
  - d. High protein, high fat and low carbohydrates.
  - e. High vitamins.

**Key: c**

33. **What is the causative agent of AIDS:**
- a. Retrovirus.
  - b. HIV (human immunodeficiency virus).
  - c. HAV.
  - d. HBV.
  - e. HCV.

**Key: b**

34. **The person who assist the dentist in clinical work but does not carry out independent procedure in oral cavity is:**
- a. Dental therapist.
  - b. Dental hygienist.
  - c. Clinical dental assistant.
  - d. School dental nurse.
  - e. Denturist.

**Key: c**

**BDS SECOND PROFESSIONAL EXAMINATION 2007**  
**COMMUNITY AND PREVENTIVE DENTISTRY (MCQs)**

**Model Paper**

35. Which of the following Index can be used to assess the treatment need:
- PDI.
  - DMF.
  - PMA.
  - CPITN.
  - OHI-S.

**Key: d**

36. How much pressure is applied by the probe in CPITN index:
- 10gm.
  - 25gm.
  - 35gm.
  - 45gm.
  - 5gm.

**Key: b**

37. If the score in Dean's community index is 0.4, it indicates:
- Negative.
  - Border line.
  - Medium.
  - Very marked.
  - Slight.

**Key: a**

38. What are the index teeth used in OHI-S index:
- 16, 21, 24, 36, 41, 44.
  - 16, 11, 26, 36, 31, 46.
  - 11, 14, 21, 24, 36, 46.
  - 11, 21, 31, 41, 31, 46.
  - 11, 21, 22, 32, 42, 46.

**Key: b**

39. Which of the following is most effective mean of health education:
- Lectures.
  - Group discussion.
  - Individual instructions.
  - Distribution of pamphlets.
  - Seminar.

**Key: c**

40. Which system of the body is effected more by the AIDS:
- Cardiovascular system.
  - Respiratory system.
  - Skeletal system.
  - Immune system.
  - Reproductive system.

**Key: d**

**BDS SECOND PROFESSIONAL EXAMINATION 2007**  
**COMMUNITY AND PREVENTIVE DENTISTRY (MCQs)**

**Model Paper**

41. **Society is a group of:**
- a. Males.
  - b. Females.
  - c. Children.
  - d. Adults.
  - e. Individuals.
- Key: e**
42. **Culture is a system of customs, ideas, values and skills which are transmitted socially from:**
- a. Parents to children.
  - b. Teacher to students.
  - c. Individual to generation.
  - d. Generation to individual.
  - e. Generation to generation.
- Key: e**
43. **Case control study is a part of:**
- a. Descriptive epidemiology.
  - b. Analytical epidemiology.
  - c. Experimental epidemiology.
  - d. It is not related with epidemiology.
  - e. Serological epidemiology.
- Key: b**
44. **The lethal dose of fluorides for an adult is:**
- a. 1.5 to 2.5 gm.
  - b. 2.5 to 10 gm.
  - c. 10 to 15 gm.
  - d. 15 to 20 gm.
  - e. More than 50 gm.
- Key: b**
45. **Incidence of any disease can be known by:**
- a. Longitudinal study.
  - b. Cross-sectional study.
  - c. Retrospective study.
  - d. Case control study.
  - e. Pilot study.
- Key: a**