**Table 1 Distribution of study subjects according to Gender, educational qualification and Occupation prior to imprisonment.**

|  |
| --- |
| Gender |
|  | **Frequency** | **Percent (%)** |
| **Males**  | 518 | 90.9 |
| **Females**  | 52 | 9.1 |
| **Education** |
| **Illiterate** | **148** | **26.0** |
| **Primary school** | 70 | 12.2 |
| **Middle school** | 105 | 18.5 |
| **High school** | 117 | 20.6 |
| **Intermediate** | 73 | 12.9 |
| **Degree** | 45 | 7.9 |
| **Postgraduate** | 12 | 2.1 |
| **Occupation** |
| **Unemployed** | 76 | 13.34 |
| **Unskilled** | 17 | 2.9 |
| **Semi Skilled** | 34 | 6.03 |
| **Skilled worker** | 103 | 18.1 |
| **Clerical, Shopkeeper, Former** | **171** | **30.05** |
| **Semi-Professional** | 88 | 15.38 |
| **Professional** | 81 | 14.2 |
| **Total** | 570 | 100.0 |

**Table 2- Distribution of knowledge Score among prison inmates regarding oral health.**

|  |  |  |
| --- | --- | --- |
|  | Frequency | Percent (%) |
| **1. Do you know dental health is as important as general health?** a) yes b) No | 54426 | 95.44.6 |
| **2. Do you know about dental caries?** a) yes b) no | 268302 | 47.0152.99 |
| **3. Brushing of teeth can prevent dental decay?** a) yes b) no | 458112 | 80.3619.7 |
| **4. What does gum bleeding mean?** 1. Healthy gum.  2. Swollen gum. 3. Gum recession. .  4. I do not know**.** | 2123324292 | 3.640.94.251.3 |
|  **5. How do you protect yourself from gum bleeding?**1. Using toothbrush and paste  2. Using soft food.3. Regular visit to dentist. 4. I do not know**.** |  44834176616 |  35.22.713.848.4 |
| **6. What does plaque mean?**1. Soft debris on the teeth.  2. Staining of the teeth.3. Hard debris on the teeth.  4. I do not know**.** | 473115477 | 8.35.42.783.6 |
| **7. What does dental plaque lead to?**1. Swelling of the gum.  2. Staining of the teeth. 3. Dental caries.  4. I do not know | 621717474 | 10.83.03.083.2 |
| **8. Do you know smoking is injurious to health?**a) yes b) No | 49575 | 86.913.1 |
| **9. Do you know chewing tobacco can cause oral**  **Cancer?** a) yes b) No | 411159 | 72.0627.94 |

**Table 3 Distribution of Attitude score among prison inmates regarding oral health.**

|  |  |  |
| --- | --- | --- |
|  | Frequency | Percent (%) |
| **1. Do you think it is necessary to visit a dentist?**a). Yesb) no | 260310 | 45.654.4 |
| **2. How often do you visit your dentist?**1. Regularly every 6-12 months.2. Occasionally.3. When I have dental pain.4. I never visited a dentist. | 329291355 | 5.716.116.062.2 |
| **3. Last time I visited a dentist was:**1. Six months ago.2. Last 6-12 months.3. Last 1-2 years.4. Last 2-5 years.5. More than 5 years | 4439202983 | 20.318.29.413.438.7 |
| **4.The treatment(s) I sought during my last visit to****the dentist was (were):**1. Check my teeth.2. Take x-rays.3. Have scaling.4. Have fluoride on my teeth.5. Treat my gums.6. Have filling.7. Have crown/bridge.8. Have orthodontic treatment.9. Have tooth extraction.10. Others (specify)………… |  461440828210598 |  21.20.420.4103.913.099.9027.43.7 |
| **5. The reason for my last visit to the dentist was**1. Dental pain.2. Family & friend advice.3. A dentist advised me.4. Another reason (specify)…….. |  131202638 |  60.79.512.217.6 |
| **6. When I first visited the dentist:**1. I was scared and reluctant.2. Slightly afraid.3. Very slightly afraid.4. I was never afraid. | 214047107 | 9.618.622.049.8 |
| **7. Reason of my first visit to the dentist**1. There was no dental pain.2. There was severe dental pain.3. There was little dental pain.4. I was feeling not comfortable.5. I felt nothing.6. There was enough time for treatment. | 393546392036 | 18.116.421.218.49.116.8 |
| **8.If you do not visit the dentist or are afraid of him or her, the reason(s) is (are):**1. I am afraid of the dental needle2. There are no dental clinics in jail.3. There is no time.4. There is no pain to go to dentist. | 4614021148 | 12.939.35.941.9 |

**Table 4 Distribution of Practice score among prison inmates regarding oral health.**

|  |  |  |
| --- | --- | --- |
|  | Frequency | Percent (%) |
| **1. How often do you brush your teeth?**1. Less than once per day.  2. Once per day.3. Twice per day.  4. More than twice per day. | 5833316217 | 10.258.528.42.9 |
| **2. What do you use for cleaning your teeth?**1. Brush + toothpaste.  2. Datun3. Finger. 4. Charcoal.5. Others (specify)…………. | 513311655 | 90.05.62.8.9.9 |
| **3. When do you brush your teeth?**1. Morning. 2. Noon (after lunch).3. Before going to bed. 4.Morning and evening 5. Other times (specify)…… | 45114105837 | 79.22.41.710.26.5 |
| **4. For how long do you brush your teeth?** 1. Less than one minute.  2. One minute. 3. Two minutes.  4. More than two minutes. | 4043146340 | 7.17.525.759.7 |
| **5. Are you in habit of tobacco use?** a) yes b) no |  339231 | 59.440.6 |
| **6. Which form of tobacco?** a)smoking b)chewing c)both | 2574734 | 75.914.010.1 |