**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 | 544  26 | 95.4  4.6 |
| **2. Do you know about dental caries?**  a) yes  b) no | 268  302 | 47.01  52.99 |
| **3. Brushing of teeth can prevent dental decay?**  a) yes  b) no | 458  112 | 80.36  19.7 |
| **4. What does gum bleeding mean?**  1. Healthy gum.  2. Swollen gum.  3. Gum recession. .  4. I do not know**.** | 21  233  24  292 | 3.6  40.9  4.2  51.3 |
| **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**.** | 448  34  176  616 | 35.2  2.7  13.8  48.4 |
| **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**.** | 47  31  15  477 | 8.3  5.4  2.7  83.6 |
| **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 | 62  17  17  474 | 10.8  3.0  3.0  83.2 |
| **8. Do you know smoking is injurious to health?**  a) yes  b) No | 495  75 | 86.9  13.1 |
| **9. Do you know chewing tobacco can cause oral**  **Cancer?**  a) yes  b) No | 411  159 | 72.06  27.94 |

**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). Yes  b) no | 260  310 | 45.6  54.4 |
| **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. | 32  92  91  355 | 5.7  16.1  16.0  62.2 |
| **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 | 44  39  20  29  83 | 20.3  18.2  9.4  13.4  38.7 |
| **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)………… | 46  1  44  0  8  28  21  0  59  8 | 21.2  0.4  20.41  0  3.9  13.09  9.9  0  27.4  3.7 |
| **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)…….. | 131  20  26  38 | 60.7  9.5  12.2  17.6 |
| **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. | 21  40  47  107 | 9.6  18.6  22.0  49.8 |
| **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. | 39  35  46  39  20  36 | 18.1  16.4  21.2  18.4  9.1  16.8 |
| **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 needle  2. There are no dental clinics in jail.  3. There is no time.  4. There is no pain to go to dentist. | 46  140  21  148 | 12.9  39.3  5.9  41.9 |

**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. | 58  333  162  17 | 10.2  58.5  28.4  2.9 |
| **2. What do you use for cleaning your teeth?**  1. Brush + toothpaste.  2. Datun  3. Finger.  4. Charcoal.  5. Others (specify)…………. | 513  31  16  5  5 | 90.0  5.6  2.8  .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)…… | 451  14  10  58  37 | 79.2  2.4  1.7  10.2  6.5 |
| **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. | 40  43  146  340 | 7.1  7.5  25.7  59.7 |
| **5. Are you in habit of tobacco use?**  a) yes  b) no | 339  231 | 59.4  40.6 |
| **6. Which form of tobacco?**  a)smoking  b)chewing  c)both | 257  47  34 | 75.9  14.0  10.1 |