**Annex 1. Questionnaire used in the Japanese Encephalitis survey, Yangon region, Myanmar (2019)**

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|  | P1 =  P2 =  P3 = | P1, P2 and P3(Probability of sampling ) will be filled only by PI |
| No. | **Socio-demographic characteristics (Part A)** |  |
| 1 | Township | ……………………………. |
| 2 | Ward/ Village tract | ……………………………. |
| 3 | Age (completed year) | ……………………………. |
| 4 | Gender  1.male  2.female | ……………………………. |
| 5 | Education level  1. Graduate  2. High School  3. Middle School  4. Primary School  5. Can read and write  6. Illiterate | ……………………………. |
| 6 | Occupation  1. Government staff  2. Private employee  3. Own business  4. Dependent  5. Others(specify) | ……………………………. |
| 7 | Family income per month (specify) | ……………………………. |
| 8 | Type of family  1.nuclear(a couple and their dependent children)  2.extended(includes grandparents and other relatives) | ……………………………. |
| 9 | Number of family member | ……………………………. |
| 10 | Number of persons < 15 years | ……………………………. |
| 11 | Number of persons > 15 years | ……………………………. |
| 12 | Have any of family members suffered Japanese encephalitis (JE). (Specify)   1. Yes 2. No 3. Do not know | ……………………………. |

Note (1) No zero and blank codes are allowed. Write 9, 99, 999 etc. for boxes where relevant response cannot be entered.

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| No. | **Knowledge Question (Part B)**  **All questions are single response.** |  | Score |
| 1 | Have you ever heard about JE?   1. Yes 2. No **(End Part B, C, D and go to Part E)** | ……… | 1  0 |
| 2 | From where and whom have you heard about JE?   1. Television 2. Health care staff 3. Friends 4. Newspaper/ Magazine 5. Pamphlets 6. Radio 7. Sign board 8. School 9. Others(specify) 10. Never heard | ……… |  |
| 3 | Japanese Encephalitis (JE) is caused by:   1. Bacteria 2. Virus 3. Bad air 4. Do not know | ……… | 0  1  0  0 |
| 4 | Japanese Encephalitis (JE) is transmitted by:   1. Contaminated food 2. Fly 3. By the bite of infected mosquito 4. Close contact with pigs 5. Eating wrong food 6. Drinking of not purified water 7. Lack of cleanliness 8. Do not know | ……… | 0  0  1  0  0  0  0  0 |
| 5 | Symptoms of JE are:   1. Loose motion with rash 2. High fever and convulsion 3. Cough and sneezing 4. Do not know | ……… | 0  1  0  0 |
| 6 | JE is mostly prevalent in children under 15 years?   1. Yes 2. No 3. Do not know | ……… | 1  0 |
| 7 | JE prevails mostly in:   1. Urban area 2. Rural area and paddy field 3. Hilly region 4. Do not know | ……… | 0  1  0  0 |
| 8 | Can people get JE from pig?   1. Yes 2. No 3. Do not know |  | 1  0  0 |
| 9 | JE can be fatal?   1. Yes 2. No 3. Do not know | ……… | 1  0 |
| 10 | Is there any specific treatment for JE?   1. Yes 2. No 3. Do not know |  | 0  1 |
| 11 | JE is a preventable disease?   1. Yes 2. No 3. Do not know | ……… | 1  0 |
| 12 | Most effective means to protect JE is   1. Avoiding mosquito bite 2. Vaccination 3. Control of pig farms 4. By burning mosquito coil, spraying, repellant 5. Burn fire 6. Wearing long sleeves 7. Do not know 8. Others | ……… | 0  1  0  0  0  0  0  0 |
| 13 | JE vaccine is available in Myanmar?   1. Yes 2. No 3. Do not know | ……… | 1  0  0 |
| 14 | Which practice do you use to avoid mosquito biting?   1. Screening of the household 2. Using mosquito net 3. Using mosquito repellent 4. Spray or Fumigation 5. Using mosquito coil 6. Improve Drainage 7. Protective clothing such as long sleeves 8. Others (Specify) 9. Do not know |  |  |

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| No. | **Participants’ Perception (Part C)**  **All questions are single response.** |  |
| 1 | Is JE a serious illness in less than 15 years old age?   1. Not serious 2. Serious 3. Very serious 4. Not certain 5. Not know | ……… |
| 2 | Is JE a serious illness if it occurs in you?   1. Not serious 2. Serious 3. Very serious 4. Not certain 5. Not know | ……… |
| 3 | Is JE harmful for pig farmers?   1. Not harmful 2. Harmful 3. Very harmful 4. Not certain 5. Not know | ……… |
| 4 | Is JE vaccine effective against JE disease?   1. Not effective 2. Effective 3. Very effective 4. Not certain 5. Not know | ……… |
| 5 | Is there any social or cultural resistance in you to JE vaccination or mosquito control?   1. No 2. Yes 3. Very much 4. Not certain 5. Not know | ……… |

If there is more than one child in a household, these questions will be repeated for other children

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| No. | **Vaccination (Part D)**  **All questions are single response.** |  |
| 1 | Age of the child |  |
| 2 | Gender of the child  1 = male , 2 = female |  |
| 3 | Did your child (number- ) get JE vaccination   1. Yes **(Skip 7)** 2. No **(Skip 4, 5, 6 and go to 7)** 3. Do not know **(End Part E)** |  |
| 4 | If yes, Is there any vaccination record card?   1. Yes 2. No 3. Do not know |  |
| 5 | Where did your children get vaccination   1. Routine immunization - Private sector 2. Immunization campaign 3. Routine immunization – public sector 4. a and b 5. b and c |  |
| 6 | How did you learn about JE vaccination or campaign?   1. Television 2. Radio 3. News paper 4. Poster/Street banner 5. Miking 6. Health worker's visit 7. Volunteer's visit 8. From relatives 9. From neighbors 10. School going children 11. Invitation card 12. Others |  |
| 7 | If no, what are the reasons of not getting vaccination?   1. Parents didn't know about the campaign 2. Parents didn't know about place or date of the campaign 3. Parents didn't give importance 4. The child was sick 5. There was no vaccine at the site 6. There was no vaccinator at the site (check whether s/he went on scheduled date or not) 7. Fear of injection or other effects 8. Site was too far 9. Very long queue 10. Traveling 11. Others |  |