

**NATIONAL OPEN UNIVERSITY OF NIGERIA**

**14/16 AHMADU BELLO WAY, VICTORIA ISLAND, LAGOS**

**SCHOOL OF SCIENCE AND TECHNOLOGY**

**JUNE/JULY EXAMINATION**

**COURSE CODE: CHS317**

**COURSE TITLE: Immunology and Immunization**

**TIME ALLOWED:3Hrs**

**INSTRUCTION: Answer any 5 Questions only**

1. (a). List the various deliverables that are often used for IPDs(8 Marks)

(b). What factors are known to militate against the success of NIDs in Nigeria? (12 Marks)

1. Differentiate between Passive &Active immunity (20 Marks)
2. (a).List five components of Immune system (5 Marks)

(b). Describe 3 of these components (15 Marks)

1. What are the current basic strategies of Vaccine distribution?(20 Marks)
2. Distinguish between Clinical and Reproductive Immunity. (20 Marks)

6.The Table below shows a recommended schedule of immunization for children with

HIV-Infection/AIDS. Copy and Complete this table. (20 Marks)

|  |  |  |  |
| --- | --- | --- | --- |
|  | Vaccine | Asymptomatic HIV infection | Optimal timing of  Immunization |
| 1 | Measles |  |  |
| 2 | OPV |  |  |
| 3 | DPT |  |  |
| 4 | Hepatitis B |  |  |
| 5 | BCG |  |  |