< DE/EJ/ET/EN/EX/EQ/IE/IS/IC> :< 22636> :< Emerging Trends in Electronics> :< Next Generation Network> :< UO3d> :<Explain the given component used in FTTH> : <Assessments>:< Formative>

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| Set 1: Question No 1 | Set 1: Question No 2 | Set 1: Question No 3 |
| In FTTH, following protocol is used for up streaming directions. | In FTTH, telemedicine is ------------ service | FTTx architecture can be applicable for --- |
| Recall/ Remembering | Understanding | Application |
| 1. TDMA | a) Symmetric | a) Symmetric broadband |
| b) CDMA | b) Asymmetric | b) Asynchronous |
| c)FDMA | c)balanced | c)Asymmetric broadband |
| d) PDMA | d)Unbalanced | d)point-to-point or point-to-multipoint |
| Ans: <a> | Ans: <b> | Ans: <d> |

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| Set 2: Question No 1 | Set 2: Question No 2 | Set 2: Question No 3 |
| The \_\_\_\_\_\_\_\_\_\_\_\_ would include the modulation schemes for both the upstream and downstream channels | FTTx network architecture uses --------medium between ONU and OLT. | OLT provides interface to----- |
| Recall/ Remembering | Understanding | Application |
| a) Transmission Convergence layer | a) Copper | a) subscriber and the subscribed services. |
| b) ATM layer | b) Fiber | b) Television to CD player |
| c) session layer | c) Glass | c)Waveguide to antenna |
| d) Physical Media Dependent layer | d) Metal | d)OTDR to waveguide |
| Ans: <d> | Ans: <b> | Ans: <a> |