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|  | **BALOCHISTAN UNIVERSITY OF ENGINEERING AND TECHNOLOGY KHUZDAR** |

DEPARTMENT: EED Examination**:** Mid Term 2024

SUBJECT: Power System Protection EE-503

SEMESTER: M.E(3rd Semester) Max: Marks: 20

Time Allowed: 60 Minutes

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| **Q.NO** | Description | Marks |
| 1. | Define the term Fuse and write the names of different types of fuses. | 05 |
| **(b)** One conductor of a three-phase line is open. The current flowing to the Δ-connected load through line a is 10A. With the current in line a as a reference and assuming that line c is open, find only the positive sequence symmetrical component of the line current. | 05 |
| 2. | (a) What is protective relay, and explain the constructional details of relay. | 05 |
| (b) Discuss the operating principle of SF6 circuit breaker, what are its advantages over other types of circuit breakers? | 05 |

***THE END***