403147	Item Bank Name:- Switchgear & Protection (2015 course)

Item Text	Option Text 1	Option Text 2	Option Text 3	Option Text 4
Fault diverters are basically	Circuit breakers	Fast switches	Fuses	Relays
Which of the following is an instantaneous relay?	Induction type	Shadded pole type	Thermocouple type	PMMC type
which of the following is not an instant-neous relay?	Polarized type	Balance beam type	Hinged armature type	Induction disc type
Distance relay is the best example of	Unit protection scheme	non unit protection scheme	independant protection scheme	backup protection scheme
The function of the auxiliary relay is a	To carry high fault current	To sense the inception of fault	To provide backup	None of the above
In order to preserve the information contained in a signal of frequency Wsignal , it must be sampled at frequency	Wsignal	≥ 2Wsignal	≤ 2Wsignal	≥ 3Wsignal
Which protection is used against Single phasing fault in three phase induction motor	Earth fault relay	Thermal overlaod relay	Single phase preventer	2 & 3

Thermal protection switch can protect against	Short circuit	Temperature	Overload	Overvoltage
In three phase induction motor H. R. C. fuse provides the protection against	Short circuit	Short circuits & Overloads	Reverse currents	Open circuits
Single phasing relays are used for the protection of	Single phase motors only	Two phase motors only	Two phase motors running in parallel	Three phase motors only
The phenomenon of given signal being lost in the process of digitization is known as	Chopping	Sampling	Aliasing	Modulation
For L.T. Induction Motors, overload protection used _____	HRC Fuse	Thermal relay	Circuit breaker	All of these
For L.T. Induction Motor, short circuit protection is provided by means of	HRC Fuse	Thermal relay	Circuit breaker	All of these
In DOL starter, control circuit carries _____ current as compared to motor full load current.	Very small	Equal	Same	None of these
In DOL starter, control circuit consists of _____	Start push button	Stop push button	Control coil	All of these

Which protection is recommended for three phase induction motors	Overfluxing protection	Three stepped distance protection	Protection against inrush current	Single phasing protection
A short circuit in three phase induction motor is identified by	No current flow	Heavy current flow	Voltage drop	Voltage rise
Which transducer is used in numerical relays?	Current transformer	Voltage transformer	Both (1) & (2)	Temperature transducer
Which of the following is internal fault in 3 phase induction motor	Low frequency	short circuit in supply cable	melted fuse	Open circuits
Overreaching of distance relay due to the decaying DC components is avoided by	Electromechanical relay	Solid state relay	Digital relay	None of the above