MCCC Entrance Exam Study Guide
As of 26 JAN 2023

References
ATP 3-21.10   FM 1-02.1   ATP 2-01.3   ADP 1-01
ADP 3-90   ADP 3-0   ATP 3-90.4   FM 3-90-2
ATP 3-90.1   FM 6-0   FM 3-90-1   FM 1-02.2
World Wide Equipment Guide (Link: https://odin.tradoc.army.mil/WEG)

A. **Doctrinal Concepts:**
   a. Troop Leading Procedures (ATP 3-21.10)
   b. Tenets and Principles of Unified Land Operations (ADP 3-0)
   c. Steps of IPB (ATP 2-01.3)
   d. The mission statement (ATP 3-21.10)
   e. Decisive Point (ATP 3-21.10, FM 1-02.1)
   f. Offensive Tasks (ADP 3-90)
   g. Defensive Tasks (ADP 3-90)
   h. Characteristics of the Offense (ADP 3-90)
   i. Characteristics of the Defense (ADP 3-90)
   j. Engagement Area Development (ADP 3-90)
   k. Levels of War (ADP 1-01)
   l. Fundamentals of Reconnaissance (FM 3-90-2)
   m. Fundamentals of Security (FM 3-90-2)
   n. Principles of Direct Fire Control (ATP 3-90.1)
   o. Direct fire control measures and weapons control status (ATP 3-21.10)
   p. Forms of Maneuver (ADP 3-90)
   q. Movement formations and techniques (ATP 3-90.1)
   r. Tenets of breaching operations (ATP 3-21.10)
   s. Fundamentals of breaching (ATP 3-21.10)
   t. Elements of Combat Power and the Warfighting Functions (ADP 3-0)
   u. Military Aspects of Terrain/OAKOC (ATP 2-01.3, ATP 3-21.10)
   v. Five paragraph operations order format (FM 6-0, ATP 3-21.10)
   w. Commander's Critical Information Requirements (ATP 3-21.10)
   x. The Mission Analysis factors of METT-TC (ATP 3-21.10)

B. **Tactical Mission Tasks, Security Tasks, Operational Graphics, etc.:** Students must be prepared to define the following terms and draw their graphical depictions where applicable. (Reference FM 1-02.1 and FM 1-02.2)

Ambush	Attack by Fire	Block	Breach
Bypass	Canalize	Contain	Exfiltrate
Counterattack	Clear	Delay	Destroy
Disrupt	Follow and Assume	Follow and Support	Fix
Interdict	Isolate	Neutralize	Occupy
Passage of Lines	Relief in Place	Retain	Retirement
Secure	Seize	Support by Fire	Suppress
Turn	Withdraw	Withdraw Under Pressure	
Obstacle Effects (Turn, Block, Disrupt, Fix)		Contact Point	Linkup Point
FPF	LD	Phaseline	Checkpoint
TRP	Target	Lane	Disengage

C. **U.S. Weapon Systems:** Students must be able to visually identify the following weapon systems and vehicles, discuss capabilities including size of round, maximum range, effective range (point and area, where applicable), crew, and graphically depict with the proper military symbol. (Reference FM 1-02.2 and appropriate technical manuals found in LOGSA/LIW)

M4A1	M320	M249	M240
M2 .50 Cal	Mk19	M777	M119
M107 Rifle	AT-4	ITAS/TOW	Javelin
M1A2 Abrams	M2 Bradley family	M120 120mm Mortar	M109A6
M224 60mm Mortar	M1126 Stryker	M1128 Stryker MGS	HMMWV family
M113 Family	M1 ABV	M9 ACE	Avenger
AH-64	M3/M4 MAAWS	M110 SASS	M104 Wolverine

D. **Threat Weapon Systems:** Students must be able to visually identify the following weapon systems and vehicles, discuss capabilities including size of round, maximum range (point and area, where applicable), crew, and graphically depict with the proper military symbol. (Reference FM 1-02.2 and the World Wide Equipment Guide)

Type 81 AR	QJY-88 LMG	QW-1	W-85
PF-98	HJ-9 Red Arrow	QLZ-87	FN-6
QBU-88	AK-47	AK-74	SVD
RPK	PKM	RPG-7	RPG-29
AGS-17	W-87	Panzerfaust 3	T-54/55
SA-18	T-72	T-80	T-90
BMP-1	BMP-2	BMP-3	BRDM-2
BTR Family	Mi-24	Mi-28	Mi-17
MT-12	2S6M	SU-25 Frogfoot	2S9
2S19	NSV	BM-14	BM-21
RPK-74	PF-89		

E. **Unit Symbols:** Students must be able to build proper unit symbols such as (Reference FM 1-02.2):

IBCT Infantry Battalion/Company/Platoon (Including Airborne and Air Assault)
IBCT Weapons Company
IBCT Mortar Section
ABCT CAB
ABCT Infantry Company/Platoon
ABCT Armor Company/Platoon
ABCT Mortar Platoon
SBCT Infantry Battalion/Company/Platoon
SBCT MGS platoons
SBCT Mortar Platoon/Section
Cavalry Squadron (IBCT, ABCT, and SBCT)
Cavalry Troop (IBCT, ABCT, and SBCT)
Reconnaissance Platoon (IBCT, ABCT, and SBCT)
CA Teams
MISO teams
Special Forces units

Rocket and tube artillery units
Equivalent Threat units
Engineer Battalion/Company/Platoon