

• $\frac{d}{dt} \left(\frac{1}{2} m v^2 \right) = \frac{d}{dt} \left(\frac{1}{2} m \left(\frac{dx}{dt} \right)^2 \right) = m v \frac{dv}{dt} = m v a$
 • $\frac{d}{dt} \left(\frac{1}{2} m v^2 \right) = \frac{d}{dt} \left(\frac{1}{2} m \left(\frac{dx}{dt} \right)^2 \right) = m v \frac{dv}{dt} = m v a$
 • $\frac{d}{dt} \left(\frac{1}{2} m v^2 \right) = \frac{d}{dt} \left(\frac{1}{2} m \left(\frac{dx}{dt} \right)^2 \right) = m v \frac{dv}{dt} = m v a$

14. انرژی پتانسیل گرانشی

• $W = \int_{r_1}^{r_2} \vec{F} \cdot d\vec{r} = \int_{r_1}^{r_2} -\frac{GMm}{r^2} dr = -GMm \left[-\frac{1}{r} \right]_{r_1}^{r_2} = GMm \left(\frac{1}{r_2} - \frac{1}{r_1} \right)$
 • $W = \int_{r_1}^{r_2} \vec{F} \cdot d\vec{r} = \int_{r_1}^{r_2} -\frac{GMm}{r^2} dr = -GMm \left[-\frac{1}{r} \right]_{r_1}^{r_2} = GMm \left(\frac{1}{r_2} - \frac{1}{r_1} \right)$
 • $W = \int_{r_1}^{r_2} \vec{F} \cdot d\vec{r} = \int_{r_1}^{r_2} -\frac{GMm}{r^2} dr = -GMm \left[-\frac{1}{r} \right]_{r_1}^{r_2} = GMm \left(\frac{1}{r_2} - \frac{1}{r_1} \right)$

15. کار و انرژی پتانسیل گرانشی

• $W = \int_{r_1}^{r_2} \vec{F} \cdot d\vec{r} = \int_{r_1}^{r_2} -\frac{GMm}{r^2} dr = -GMm \left[-\frac{1}{r} \right]_{r_1}^{r_2} = GMm \left(\frac{1}{r_2} - \frac{1}{r_1} \right)$
 • $W = \int_{r_1}^{r_2} \vec{F} \cdot d\vec{r} = \int_{r_1}^{r_2} -\frac{GMm}{r^2} dr = -GMm \left[-\frac{1}{r} \right]_{r_1}^{r_2} = GMm \left(\frac{1}{r_2} - \frac{1}{r_1} \right)$
 • $W = \int_{r_1}^{r_2} \vec{F} \cdot d\vec{r} = \int_{r_1}^{r_2} -\frac{GMm}{r^2} dr = -GMm \left[-\frac{1}{r} \right]_{r_1}^{r_2} = GMm \left(\frac{1}{r_2} - \frac{1}{r_1} \right)$

16. انرژی پتانسیل گرانشی

• $W = \int_{r_1}^{r_2} \vec{F} \cdot d\vec{r} = \int_{r_1}^{r_2} -\frac{GMm}{r^2} dr = -GMm \left[-\frac{1}{r} \right]_{r_1}^{r_2} = GMm \left(\frac{1}{r_2} - \frac{1}{r_1} \right)$
 • $W = \int_{r_1}^{r_2} \vec{F} \cdot d\vec{r} = \int_{r_1}^{r_2} -\frac{GMm}{r^2} dr = -GMm \left[-\frac{1}{r} \right]_{r_1}^{r_2} = GMm \left(\frac{1}{r_2} - \frac{1}{r_1} \right)$

17. انرژی پتانسیل گرانشی

- $W = \int_{r_1}^{r_2} \vec{F} \cdot d\vec{r} = \int_{r_1}^{r_2} -\frac{GMm}{r^2} dr = -GMm \left[-\frac{1}{r} \right]_{r_1}^{r_2} = GMm \left(\frac{1}{r_2} - \frac{1}{r_1} \right)$
- $W = \int_{r_1}^{r_2} \vec{F} \cdot d\vec{r} = \int_{r_1}^{r_2} -\frac{GMm}{r^2} dr = -GMm \left[-\frac{1}{r} \right]_{r_1}^{r_2} = GMm \left(\frac{1}{r_2} - \frac{1}{r_1} \right)$
- $W = \int_{r_1}^{r_2} \vec{F} \cdot d\vec{r} = \int_{r_1}^{r_2} -\frac{GMm}{r^2} dr = -GMm \left[-\frac{1}{r} \right]_{r_1}^{r_2} = GMm \left(\frac{1}{r_2} - \frac{1}{r_1} \right)$
- $W = \int_{r_1}^{r_2} \vec{F} \cdot d\vec{r} = \int_{r_1}^{r_2} -\frac{GMm}{r^2} dr = -GMm \left[-\frac{1}{r} \right]_{r_1}^{r_2} = GMm \left(\frac{1}{r_2} - \frac{1}{r_1} \right)$

18. انرژی پتانسیل گرانشی

- $W = \int_{r_1}^{r_2} \vec{F} \cdot d\vec{r} = \int_{r_1}^{r_2} -\frac{GMm}{r^2} dr = -GMm \left[-\frac{1}{r} \right]_{r_1}^{r_2} = GMm \left(\frac{1}{r_2} - \frac{1}{r_1} \right)$



ސަރުކާރުގެ ގެޒެޓްގައި ބަޔާންކޮށްފައިވާ ގޮތަށް ސަރުކާރުގެ ގެޒެޓްގައި ބަޔާންކޮށްފައިވާ ގޮތަށް 1
5 ވަނަ އަދަދުގައި ބަޔާންކޮށްފައިވާ ގޮތަށް ސަރުކާރުގެ ގެޒެޓްގައި ބަޔާންކޮށްފައިވާ ގޮތަށް
މަޢުލޫމާތު ދޭން ބޭނުންކުރާ ފަރާތްތަކުގެ ނަންބަރު 5 (ސަރުކާރުގެ ގެޒެޓްގައި) ބަޔާން
ކޮށްފައިވާ ގޮތަށް ސަރުކާރުގެ ގެޒެޓްގައި ބަޔާންކޮށްފައިވާ ގޮތަށް ސަރުކާރުގެ ގެޒެޓްގައި
ބަޔާންކޮށްފައިވާ ގޮތަށް ސަރުކާރުގެ ގެޒެޓްގައި ބަޔާންކޮށްފައިވާ ގޮތަށް ސަރުކާރުގެ ގެޒެޓްގައި

މި ބަޔާންކުރާ ގޮތަށް ސަރުކާރުގެ ގެޒެޓްގައި ބަޔާންކޮށްފައިވާ ގޮތަށް ސަރުކާރުގެ ގެޒެޓްގައި
ބަޔާންކޮށްފައިވާ ގޮތަށް ސަރުކާރުގެ ގެޒެޓްގައި ބަޔާންކޮށްފައިވާ ގޮތަށް ސަރުކާރުގެ ގެޒެޓްގައި
ބަޔާންކޮށްފައިވާ ގޮތަށް ސަރުކާރުގެ ގެޒެޓްގައި ބަޔާންކޮށްފައިވާ ގޮތަށް ސަރުކާރުގެ ގެޒެޓްގައި
ބަޔާންކޮށްފައިވާ ގޮތަށް ސަރުކާރުގެ ގެޒެޓްގައި ބަޔާންކޮށްފައިވާ ގޮތަށް ސަރުކާރުގެ ގެޒެޓްގައި

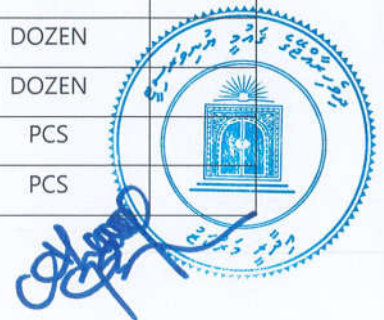
ސަރުކާރުގެ ގެޒެޓްގައި ބަޔާންކޮށްފައިވާ ގޮތަށް

މި ބަޔާންކުރާ ގޮތަށް ސަރުކާރުގެ ގެޒެޓްގައި ބަޔާންކޮށްފައިވާ ގޮތަށް ސަރުކާރުގެ ގެޒެޓްގައި
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3345111, 3345110 ފަންޓް: ސަރުކާރުގެ ގެޒެޓްގައި ބަޔާންކޮށްފައިވާ ގޮތަށް
procurement@mnu.edu.mv ފަންޓް: ސަރުކާރުގެ ގެޒެޓްގައި ބަޔާންކޮށްފައިވާ ގޮތަށް



ANNEX-1: Stationary List

#	Items	Item Additional Description	Unit	Sample upon Request
1	Paper A4 – White	80gsm / 500 Sheet per Ream	BOX	<input checked="" type="checkbox"/>
2	Box File 3 Inch	Size: A4 Minimum of 3mm thickness hard Paper	PCS	<input checked="" type="checkbox"/>
3	Box File 2 Inch	Size: A4 Minimum of 3mm thickness hard Paper	PCS	<input checked="" type="checkbox"/>
4	Box File 3 Inch	Size: A5 Minimum of 3mm thickness hard Paper	PCS	<input checked="" type="checkbox"/>
5	Paper A3 – White	80gsm / 500 Sheet per Ream	REAM	
6	Color A4 Paper – Light Green	80gsm / 450 Sheet per Ream	REAM	
7	Color A4 Paper – Light Blue	80gsm / 450 Sheet per Ream	REAM	
8	Color A4 Paper – Dark Green	80gsm / 450 Sheet per Ream	REAM	
9	Color A4 Paper – Dark Blue	80gsm / 450 Sheet per Ream	REAM	
10	Color A4 Paper – Orange	80gsm / 450 Sheet per Ream	REAM	
11	Color A4 Paper – Red	80gsm / 450 Sheet per Ream	REAM	
12	Color A4 Paper – Yellow	80gsm / 450 Sheet per Ream	REAM	
13	Color A4 Paper – Pink	80gsm / 450 Sheet per Ream	REAM	
14	Color A4 Paper – Purple	80gsm / 450 Sheet per Ream	REAM	
15	Color A4 Paper – Black	80gsm / 450 Sheet per Ream	REAM	
16	Color A4 Paper – Mix Color	80gsm / 450 Sheet per Ream	REAM	
17	Color A4 Paper – Mix Color	80gsm / 100 Sheet per Ream	REAM	
18	Ball Point Pen	Color: Blue Cello Gripper	DOZEN	
19	Ball Point Pen	Color: Black Cello Gripper	DOZEN	
20	Ball Point Pen	Color: Red Cello Gripper	DOZEN	
21	Pen (Uni-ball Eye)	Color: Blue	DOZEN	
22	Pen (Uni-ball Eye)	Color: Black	DOZEN	
23	Pen (Uni-ball Eye)	Color: Red	DOZEN	
24	Pencil	2B	DOZEN	
25	Eraser	Size is approximately 1.8 inches	DOZEN	
26	Ruler	Size: 6 Inch / Plastic	PCS	
27	Ruler	Size: 12 Inch / Plastic	PCS	



28	Sticky Note	Color: Paper Size: 3x3 Inches	DOZEN	
29	Memo Cube – (with Box)	Color: Mixed Colors Box: Plastic Paper Size: 3.5x3.5 Inches	PCS	
30	Envelope – 9x4	Color: White (500 piece)	BOX	
31	Envelope – A4	Color: White (250 piece)	BOX	
32	Envelope – A3	Color: White (250 piece)	BOX	
33	Pen Holder (Small)	Round	PCS	
34	Transparent File / Clear folder	Size: A4	PCS	
35	Punch File (Paper)	Size: A4	PCS	
36	Pocket File (Paper)	Size: A4	PCS	
37	PP Folder	Size: A4	PCS	
38	Cello Tape 0.5 Inch	Size: Small (approximately 3.5cm Diameter – Inside) Color: Clear	DOZEN	
39	Cello Tape 1 Inch	Size: Small (approximately 3.5cm Diameter – Inside) Color: Clear	DOZEN	
40	Cello Tape 0.5 Inch	Size: Big (approximately 8cm Diameter – Inside) Color: Clear	DOZEN	
41	Cello Tape 1 Inch	Size: Big (approximately 8cm Diameter – Inside) Color: Clear	DOZEN	
42	Cello Tape 2 Inch	Size: Big (approximately 8cm Diameter – Inside) Color: Clear	DOZEN	
43	Double Tape 0.5 Inch	Size: Big (approximately 8cm Diameter – Inside)	DOZEN	
44	Double Tape 1 Inch	Size: Big (approximately 8cm Diameter – Inside)	DOZEN	
45	Double Tape 2 Inch	Size: Big (approximately 8cm Diameter – Inside)	DOZEN	
46	Masking Tape 1 Inch	Size: Big (approximately 8cm Diameter – Inside)	DOZEN	
47	Masking Tape 2 Inch	Size: Big (approximately 8cm Diameter – Inside)	DOZEN	
48	Clear Tape 2 Inch	Size: Big (approximately 8cm Diameter – Inside) Color: Clear	PCS	
49	Magic Tape (Scotch)	Size: Small (approximately 3.5cm Diameter – Inside)	DOZEN	
50	Whiteboard Marker	Artline 500A Color: Blue	DOZEN	<input checked="" type="checkbox"/>
51	Whiteboard Marker	Artline 500A Color: Black	DOZEN	<input checked="" type="checkbox"/>
52	Whiteboard Marker	Artline 500A Color: Red	DOZEN	<input checked="" type="checkbox"/>
53	Whiteboard Marker	Artline 500A Color: Green	DOZEN	<input checked="" type="checkbox"/>



54	Permanent Marker	Artline 70 Color: Blue	DOZEN	<input checked="" type="checkbox"/>
55	Permanent Marker	Artline 70 Color: Black	DOZEN	<input checked="" type="checkbox"/>
56	Permanent Marker	Artline 70 Color: Red	DOZEN	<input checked="" type="checkbox"/>
57	Permanent Marker	Artline 70 Color: Green	DOZEN	<input checked="" type="checkbox"/>
58	Whiteboard Duster		PCS	
59	Highlight Marker	Color: Mix	DOZEN	
60	Stapler	Size: No: 10	DOZEN	
61	Staples	No: 10	DOZEN	
62	Cutter	Small	PCS	
63	Cutter	Big	PCS	
64	Cutter Blade	Small	PACK	
65	Cutter Blade	Big	PACK	
66	Puncher (Small)	Punching Capacity: 10 – 15 Sheets	PCS	
67	Magazine Holder		PCS	
68	Document Tray	2 Tire	PCS	
69	Document Tray	3 Tire	PCS	
70	Scissors	Size: Small (5" to 7")	PCS	
71	Scissors	Size: Big (7" to 9")	PCS	
72	Blue Tack 75g		CARD	
73	Glue Stick 20g	12 pieces	DOZEN	
74	Paper Clip	Size: 20mm 100 Pieces Per Box	BOX	
75	Paper Clip	Size: 50mm Box Size: 100 Pieces Per Box	BOX	
76	Binding Cover A4 (Transparent Sheet)	Sheets: 100 Sheet per ream	REAM	
77	Laminating Pouch – A4	Sheets: 100 Sheet per ream	REAM	
78	Laminating Pouch – A3	Sheets: 100 Sheet per ream	REAM	
79	Notebook	Binding: Spiral Size: A5	PCS	
80	Foam Board	Colors: Mix Color	PCS	
81	Cellophane Roll	Size: 4 Feet Yard: Minimum of 40 yard	ROLL	
82	Flip Chart	Sheet: 25 Sheets	PCS	
83	Battery	Size: AA (4 pcs in a card), Sony	CARD	
84	Battery	Size: AAA (4 pcs in a card), Sony	CARD	

