



*Setting Camera
Yang Perlu Kalian
Pahami*



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WHAT IS ISO?



ISO 100



ISO 6400



ISO adalah sensitivitas camera terhadap cahaya. Mikin tinggi ISO makin terang fotonya, tapi akan beresiko NOISE





ISO 100



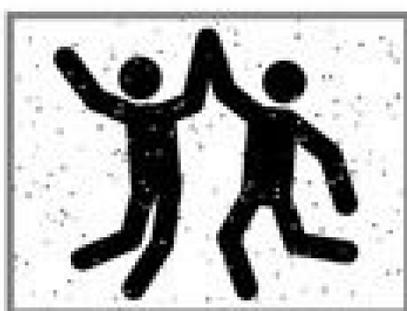
ISO 200



ISO 400



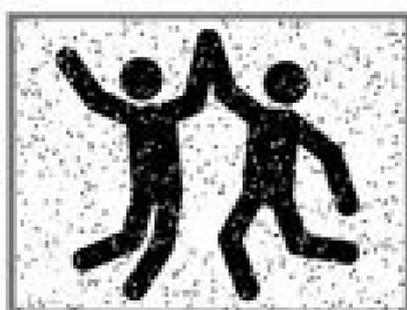
ISO 800



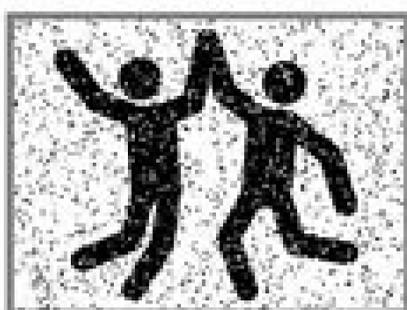
ISO 1600



ISO 3200



ISO 6400



ISO 12800



ISO 25600



ISO 100



ISO 200



ISO 400



ISO 800



ISO 1600



ISO 3200



ISO 6400

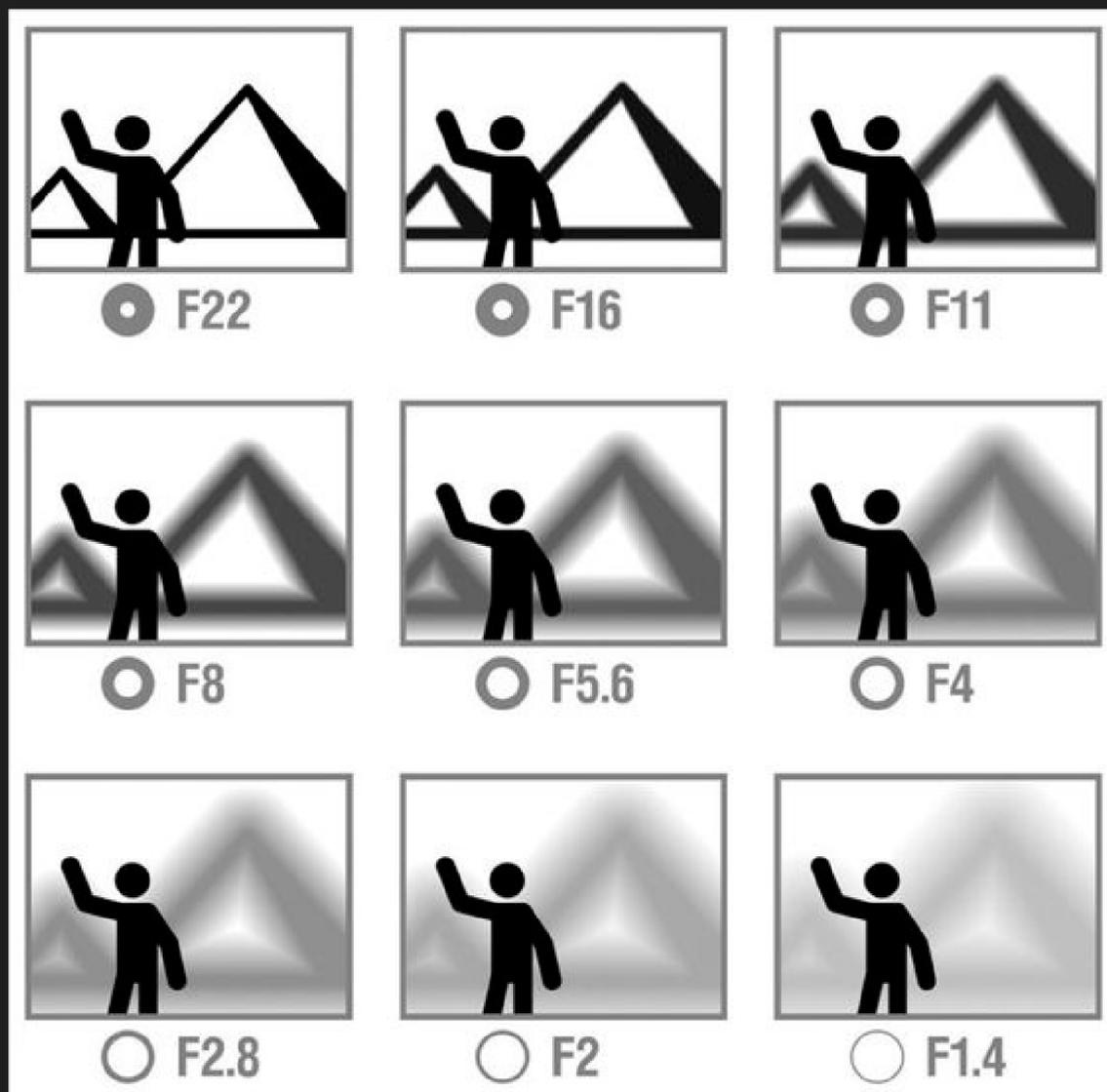
ISO



HOW TO USE

100	Full sun, no shade
200	Lots of sun, could be in partial shade or an overcast day out in the open/ Inside on a sunny day, directly by a large window
400	In the shade on a sunny day or under a covered area on an overcast day
700	Inside on sunny day or overcast day (near window)
640-800	Sun is starting to set and less light
800	Inside, quite a distance from window (sunny outside)
850-1000	Inside, quite a distance from a window (overcast day)
1250	Inside, during the evening, light bulbs are the only source of light
1600	Inside a dark room, where there is a light source (theatre, school production, etc.)





Tugas Aperture adalah meng - control berapa banyak cahaya yang masuk ke dalam camera.

&

Makin besar bukaannya, akan berakibat makin backgroundnya

f/16



f/11



f/8



f/5.6



f/4



f/2.8



f/2



f/1.4



**Ini menggunakan bukaan
besar f/2.8**





**Ini menggunakan bukaan
besar f/1.2**



**Ini menggunakan bukaan kecil
f/8 . Semakin kecil bukaannya ,
akan semakin detail di
keseluruhan frame, termasuk
backgroudannya**



Shutter Speed

Makin lama shutter speed akan berakibat tercipta motion blur



1/15



1/30



1/60



1/125



1/250



1/500



1/1000



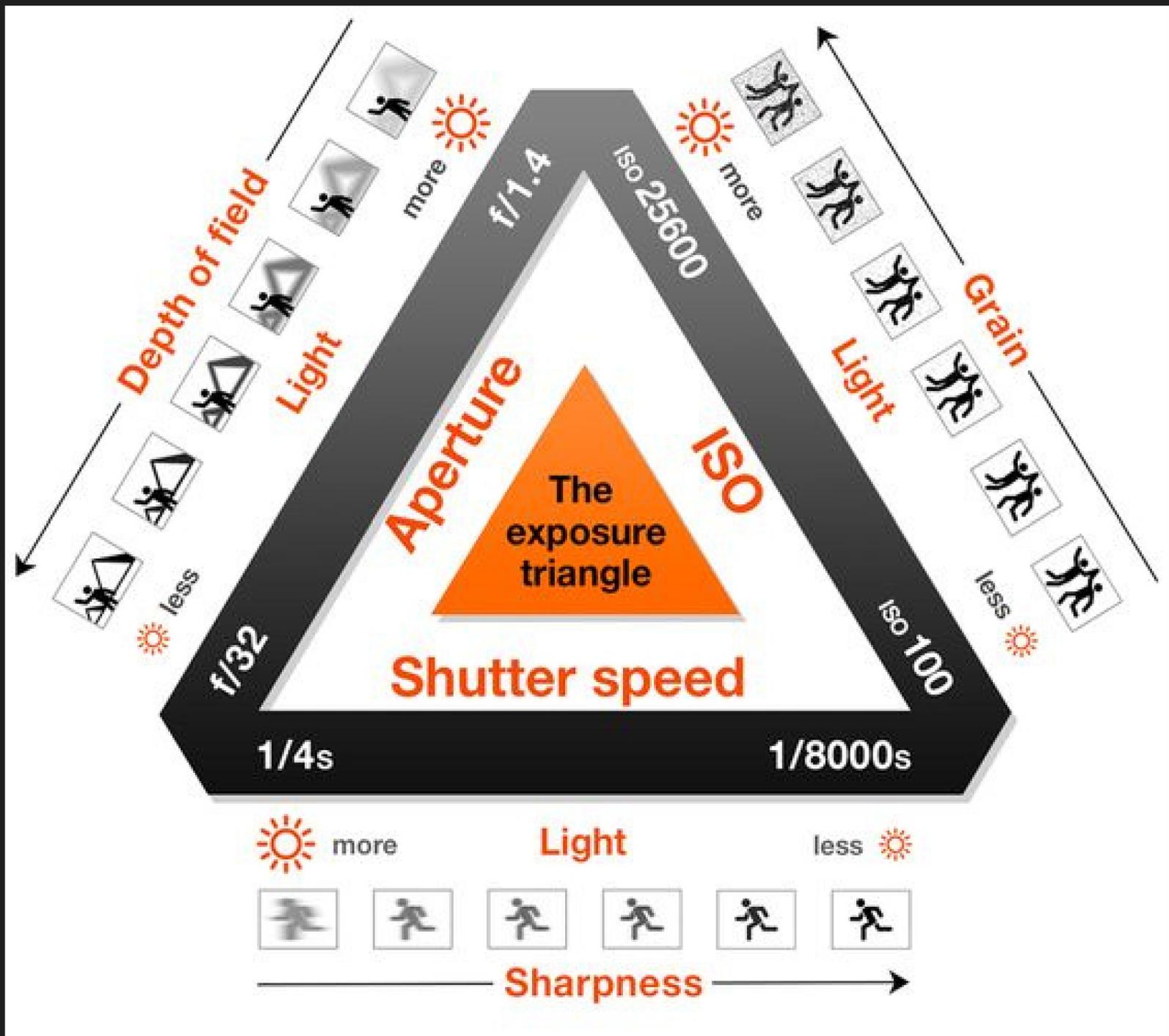
SHUTTER SPEED CHART

FULL STOP	1/2 STOP	1/3 STOP	SAFE SHUTTER SPEED	LIGHT	TYPES OF SHOOTING
1/2000	1/2000	1/2000			 BIRDS IN FLIGHT 1/2000
	1/1500	1/1600 1/1250			
1/1000	1/1000	1/1000			 ACTION SPORTS 1/500 - 1/1000
	1/750	1/800 1/640			
1/500	1/500	1/500			 STREET PHOTOS 1/250 - 1/500
	1/350	1/400 1/320			
1/250	1/250	1/250			 LANDSCAPES 1/125 - 1/4
	1/180	1/200 1/160			
1/125	1/125	1/125			 PANNING CARS 1/15 - 1/60
	1/90	1/100 1/80			
1/60	1/60	1/60			 WATERFALLS 1/8 - 2 sec
	1/45	1/50 1/40			
1/30	1/30	1/30			 BLURRING WATER 0.5- 5 sec
	1/20	1/25 1/20			
1/15	1/15	1/15			 FIREWORKS 2-4 sec
	1/10	1/13 1/10			
1/8	1/8	1/8			 STARS 15 - 25 sec
	1/6	1/6 1/5			
1/4	1/4	1/4			 STAR TRAILS 15 min and up
	0.3	0.3 0.4			
0.5	0.5	0.5			
	0.7	0.6 0.8			
1	1	1			
	1.5	1.3 1.6			
2	2	2			
	3	2.5 3.2			
4	4	4			
	6	5 6			
8	8	8			
	10	10 13			
15	15	15			
	20	20 25			
30	30	30			



**Jika ingin freeze
(membekukan) suatu
motion / gerakan, maka
dibutuhkan shutter speed
tinggi**





Gabungan/kombinasi dari ISO, Aperture dan Shutter Speed ini yang kita kenala sebagai segitiga Exposur

Mau PDF nya ?

Kalau mau, ketik “KIRIM DONG”
di Comment dan saya akan DM
PDF nya ke kalian ya

