UkaTarsadia University		
Diploma Engineering MCQ Question bank		
Subject Code: 020030402Date:		
Subject Name: Advanced surveying		

Instructions:

- 1. Attempt all questions.
- 2. Make suitable assumption wherever necessary.
- 3. Each question is of 1 mark.
- 4. Use of SIMPLE CALCULATOR is permissible. (Scientific/Higher Version not allowed)
- 5. English version is authentic.

Unit 2- Trigonometric Levelling					
1	Which instrument is used for trigonometric levelling?				
	Theodolite	Prismatic compass			
	Dumpy level	Chain			
2	In trigonometric levelling which type of funct	ions are used?			
	Calculus functions	Matrix			
	Trigonometric functions	Algebra			
3	If the distance between object and instrument considered?	is less, which parameter is not			
	Distance on earth	Curvature of Earth			
	Height of instrument	RL			
4	In trigonometric levelling, if, vertical angle is angle?	positive then what is the correction for the			
	Negative	Positive			
	Zero	Positive and negative			
5	⁵ What is the equation for correction of curvature of Earth?				
	0.0040 D^2	0.225 D^2			
	0.091 D ²	0.0673 D^2			
6	If an instrument cannot be set up on the place	where RL needs to be found, then which			
	method is used?				
	Reciprocal method	Direct method			
	Both	None of above			
	XX71 · 1 / 1 / / · · / · 1 / 1· ·				
7	which method as trigonometric levelling is used when the difference of height needs to				

	Direct method	Reciprocal method	
	Both	None of the above	
	· · ·		
8	Which method of observation is used in trigon	nometric levelling, when we want to find the	
	height of a tower from a distance?		
	Direct method	Reciprocal method	
	Stadia method	None of the above	
9	When the base of an object is accessible	which case is considered in trigonometric	
	levelling?		
		Case 2	
	Case 3	None of the above	
10	What is the equation of height of the chiest in		
10	what is the equation of height of the object in $h = D/2$ tags is		
	$n = D/2$.tan α	$h = D \cos \alpha$	
	$n = D \cdot \sin \alpha$	$n = D \tan \alpha$	
11	When the distance between object and instrum	nant is not many wohld than this mathed an	
11	be used	nent is not measurable, then this method can	
	Case 1	Case 2	
	Both	None of the above	
	Dotti		
12	What is the equation of RL of top of the tower	r when hase is not accessible	
12	R L = RL of BM + Bs+ h	R L = RL of BM + Bs-h	
	$R_{L} = R_{L} \text{ of } BM - Bs + h$	R I = R I of BM - Bs - h	
13	What is the equation of distance if the base of	the object is inaccessible and the instrument	
10	and object are in the same vertical plane?		
	$D = b \tan \alpha_1 / (\tan \alpha_1 - \tan \alpha_2)$	$D = b \tan \alpha_2 / (\tan \alpha_2 - \tan \alpha_1)$	
	$D = b \tan \alpha_2 / (\tan \alpha_1 - \tan \alpha_2)$	$D = b \tan \alpha_1 / (\tan \alpha_2 - \tan \alpha_1)$	
14	What is the equation of height of a tower if the	e base of the object is inaccessible and the	
	instrument and object are in the same vertical	plane?	
	$h = b \tan \alpha_2 \tan \alpha_1 / (\tan \alpha_1 + \tan \alpha_2)$	$h = b \tan \alpha_{21} / (\tan \alpha_2 - \tan \alpha_1)$	
	$h = b \tan \alpha_1 \tan \alpha_2 / (\tan \alpha_1 - \tan \alpha_2)$	$h = b/(\tan \alpha_2 - \tan \alpha_1)$	
15	Trigonometric levelling is useful because it us	Ses.	
	Linear equations	Algebra and its function	
	Trigonometry and its functions	All of the above	
16	Earth's curvature is considered when		
	Distance between object and instrument	Distance between object and instrument	
	is smaller	is greater	
	Height of object is smaller	Height of object is higher	
	· · · · · · · · · · · · · · · · · · ·		
17	17 What is the equation of distance if the base of the object is inaccessible and the instrument		
	and object are in the same vertical plane with	a nearer instrument is lower?	
	$D = (b + h_d \cot \alpha_2) \tan \alpha_1 / (\tan \alpha_2 - \tan \alpha_2)$	$D = (b + h_d \cot \alpha_2)$. $\tan \alpha_2 / (\tan \alpha_1 - \tan \alpha_2)$	

	α_1)		α_2)
	$D = (b + h_d \operatorname{Cot} \alpha_1) \tan \alpha_1 / (\tan \alpha_1 + \tan \alpha_1)$		$D = (b + h_d \operatorname{Cot} \alpha_2)$. tan $\alpha_2 / (\tan \alpha_1 + \tan \alpha_2)$
	α_2)		α_2)
18	What is the equation of height if the base of the	ne ob	ject is inaccessible and the instrument
	and object are in the same vertical plane with	a nea	irer instrument is lower?
	$D = (b - h_d \cot \alpha_2) \tan \alpha_1 \cdot \tan \alpha_2 / (\tan \alpha_2)$		$D = (b + h_d \cot \alpha_2) \tan \alpha_1 \cdot \tan \alpha_2 / (\tan \alpha_2)$
	$-\tan \alpha_1$)		$\alpha_1 + \tan \alpha_2$)
	$D = (b + h_d \cot \alpha_1) \tan \alpha_1 \cdot \tan \alpha_2 / (\tan \alpha_1)$		$D = (b + h_d \cot \alpha_2) \tan \alpha_1 \cdot \tan \alpha_2 / (\tan \alpha_2)$
	$\alpha_1 + \tan \alpha_2$)		$\alpha_1 - \tan \alpha_2$)
10			· 1 11·
19	Which of the following is not a case in trigono	ometi	ric levelling
	Base of object is accessible		Base of object is inaccessible
	Base of object is at accurate position		Base of object is inaccessible, station is
			not in vertical plane
20	Among the following which represents the me	ethod	of Observation for trigonometric
	levelling?		
	Direct		Indirect
	Both a and b		None of the above
21	Which is the following correction applied whe	en the	e points are having small distance
	between them?		
	correction for curvature		correction for refraction
	combined correction		none of the above
22	Which of the following indicates the value of	D wł	nen base of object is accessible?
	$D = h \cot \alpha$		$D = h / Tan \alpha$
	$D = Tan \alpha / h$		Both A and B
23	In which of the following cases two instrumer	nt sta	tions are used?
	base of the object is at infinity		base of the object is at accurate
			position
	base of the object is accessible		base of the object is inaccessible
24	When the base of the object is accessible, calc	ulate	The RL of B, if $D = 24$. 96 m, angle for
	line of sight is +4 degree 24 minutes, height o	f the	axis will be 1.29 m and RL of A is 400m
	403.21 m		430.21 m
	403.12		401.32 m
25	Distance between Tower to instrument is 100) m, a	angle of top of Tower is +5 degree and
	bottom of the tower is -4 degree so what is th	e hei	ght of Tower?
	14.73 m		15.73 m
	16.73 m		15.70 m
26	while taking observations for the height and c	listar	ce which method of surveying is used
	Chain surveying		Compass surveying
	Plane surveying		Geodetic surveying

27	The correction for curvature and refraction is applied been the points are having small distance between them		
	True	False	
	Irrelevant	None of the above	
28	Which of the following indicates the value of	of B when the base of the object is accessible?	
	$D = s / tan \alpha$	$D = \tan \alpha / s$	
	$D = \tan \alpha / h$	$D = h / \tan \alpha$	
20	Among the following which represents the	method of observation?	
29	Indirect method	Regiprocal mathed	
	Descripting method	Transit method	
	Recruiting method	Transit method	
30	In which of the following cases to instrumer	nts stations are used	
	Base of the object is it in feet	Base of the object is at	
	Base of the object is accessible	Beasts of the object is inaccessible	
31	Engineering surveying curvature and refract	ion are neglected	
	False	true	
	Irrelevant	none of the above	
32	Calculate the R.L of B, if $D = 24.96$ m, angle will be 1.20 m and the P.L of A is 400 m.	e for line of sight is +4024', height of the axis	
	will be 1.29 in and the K.L of A is 400 in. 403.21 m	420.21 m	
	403.21 III 403.12 m	430.21 III 401.22 m	
	403.12 11	401.32 111	
33	For the case when two instruments are on the between the station and staff and consider the	he same level, find the horizontal distance	
	1.6 m	1 4 m	
-	1.0 m	1.4 m	
	1.2 11	1.0 m	
34	If the value of D= 2000 m, what would be c	orrection for curvature?	
	0.629 Sq.m	0.269 Sq.m	
	0.962 Sq.m	0.692 Sq.m	
35	Which is the best instrument used for trigon	ometric levelling	
	Dumpy level	Chain	
	Theodolite	Prismatic compass	
36	In trigonometric levelling, if, vertical angle angle?	is Negative then what is the correction for the	
	Negative	Positive	
	Zero	Positive and negative	
<u>a</u> =		· · · · · · · · · · · · · · · · · · ·	
37	In case 1 base of an object is accessible		
	True	False	
20	Which of the following method is used whe	n PL needs to be found and instrument connect	
30	which of the following method is used whe	II KL needs to be found and instrument cannot	

	be set up on the place?		
	Direct method	Reciprocal method	
	Both	None of the above	
		· ·	
39	In case 2, the distance between object and in	strument is not measurable but both instrument	
	and object are in different plane		
	True	False	
40	While taking observations for the height and	distance geodetic surveying is used	
	True	False	
41	In case 3, the distance between object and in	strument is not measurable but both instrument	
	and object are in different plane		
	True	False	
10			
42	If the value of $D=4000$ m, what would be co	orrection for curvature?	
	1.07 Sqmt	10/.0Sqmt	
	10. / Sqmt	None of the above	
42			
43	Two instrument stations are used when base	of the object is inaccessible.	
		Faise	
11	Which of the following is a case in trigonom	etric levelling	
44	Pasa of object is at accurate position	Pasa of object is inaccessible station is	
	Base of object is at accurate position	not in vertical plane	
	Base of object is always below object	None of the above	
	level	None of the above	
45	Among the following which represents the n	nethod of Observation for trigonometric	
10	levelling?		
	Indirect method	Reverse method	
	Base method	None of the above	
46	Which of the following instrument is not use	ed in Trigonometric levelling?	
	Theodolite	Levelling staff	
	Metric chain	Ranging rod	
47	What is the maximum size of levelling staff	used for trigonometric levelling?	
	3 m	4 m	
	2 m	All of the above	
	· · ·		
48	If two instruments are used in trigonometric	levelling, then they are always in same vertical	
	plane.		
		False	

49	49 Like stadia method in trigonometric levelling three readings are taken on every staff			
.,	rea	ding	•••••	
				False
	I			
50	It is	s possible to find level of multiple points ()	More	than 2) in a single attempt of instrument
	set	up.		
				False
	1			
		Unit 4- Cu	irves	
1	The	e line connecting two curves is always.		
		Linear		Tangential
		Transitional		Perpendicular
	1			F F F F F F F F F F
2	Sin	type curve and compound curve are		
		Circular curves		Vertical curves
		Transitional curves		None of the above
	1			
3	Cul	bic parabola and spiral curves are		
		Circular curves		Transitional curves
		Vertical curves		None of the above
	1			
4	Wh	ich of the following is not application of c	urve)
		Roads		Railways
		Canalas		Seaways
5	Sin	ple curve is made of		
		A single arc		Double arc
		Mixture of two arcs		None of the above
6	Ler	nniscate is a curve categorised in		
		Vertical curves		Circular curves
		Transitional curves		All of the above
7	Rev	verse curve is categorised in		
		Vertical curves		Circular curves
		Transitional curves		All of the above
8	Wh	ich of the following is a vertical curve		
		Compound curve		Cubic curve
		Reverse curve		Summit Curve
9	The	e curve which is made by two or more simp	ole ar	rcs in one direction is called
		Simple curve		Vertical curve
		Compound curve		Transitional curve

	1		
10	The	e curve which is made by two opposite arcs	in opposite direction is called
		Simple curve	Vertical curve
		Compound curve	Reverse curve
	-		
11	The	e tangent before the curve starts is called	
		Back tangent	Forward tangent
		Point of intersection	None of above
12	The	e tangent after the curve ends is called	
		Back tangent	Forward tangent
		Point of intersection	None of above
13	The	point at which the back tangent and the for	ward tangent intersects is called
		Back tangent	Forward tangent
		Point of intersection	None of above
14	the	starting point of the curve T1 is called	
		Point of curve	Point of tangency
		Intersection angle	Deflection angle
15	The	e ending point of curve T2 is called	
		Deflection angle	Intersection angle
		Point of curve	Point of tangency
16	The	e angle made by intersection of tangent AV	and tangent VB is called
		Point of tangency	Point of curve
		Intersection angle	Deflection angle
17	the	angle which is created the deflection of the	tangent VB in proportion to tangent AV is
	cal	ed	
		Deflection angle	Point of tangency
		Point of curve	Intersection angle
18	The	e distance between point of intersection to p	oint of curve is called
		External distance	Tangent distance
		Length of curve	Chord length
19	The	e distance from point of intersection to peak	point of the curve is called
		External distance	Tangent distance
		Length of curve	Forward tangent
	1		
20	The	e distance between point of intersection to po	oint of tangency is called
		External distance	Point of intersection
		Length of curve	Tangent distance
21	The	total length from point of curve to point of	tangency is called
21			

	Length of curve	Tangent distance		
22	22 The line is initial to prove the int T1 and the sent maint T2 is called			
22	Tangent distance	Long chord		
	Length of cow	Evigenord External distance		
		External distance		
23	Usually the length of normal chord is not mor	e than		
	20 m	30 m		
	50 m	100 m		
24	The distance between centre point of long abo	rd and neal noint of aurice is called		
24	A pey distance	Long chord		
	Mid ordinate	Sub ordinate		
	Wha ordinate	Subordinate		
25	Designation of curve my radius is identify by	its		
	Diameter	Radius		
	Length	None of the above		
26	By chord definition the relation between radiu	is and degree of curvature is		
	R = 1100/D	R = D/1146		
	R= 1146/D	R = D/1100		
27	the first step of setting out a simple circular or	irva is		
21	Recognising tangent points	Identifying radius of curve		
	Locate mid ordinate	Calculate number of chords		
		Calculate number of chords		
28	The relation between intersection angle and de	eflection angle is		
	Δ= 360 - φ	Δ= 360 + φ		
	Δ= 180 + φ	Δ= 180 - φ		
•				
29	The equation of length of curve is			
	$I = R \ .\Delta \ . \ 2 \pi \ / \ 180$	$I = D \cdot \Delta \cdot \pi / 180$		
	$I = R . \Delta . \pi / 180$	l = .Δ. π/360		
30	Equation for tangent length is			
50	$T = R \pi \tan(\Lambda)$	$T = R \tan(2\Lambda/2)$		
	$T = R \tan(\Lambda/2)$	$T = R \tan(\Lambda/2)$		
	1 K. un (4,2)			
31	The equation for length of long cord is			
	$L = 2R .sin (\Delta/2)$	$L = R \cdot \sin(\Delta/2)$		
	$L = 2R \cdot tan (\Delta/2)$	$L = 2R \cdot tan (\Delta)$		
32	The equation for the external distance is			
	$E = R (Sec \Delta - 1)$	$E = R (Sec (\Delta/2)-1)$		
	$E = R (Tan (\Delta/2)-1)$	$E = R (Cos (\Delta/2)-1)$		
33	the equation for length of mid ordinate is			
	$M = R (1 - Tan (\Delta/2))$	$M = R (Cos (\Delta/2)-1)$		

	$M = R (Tan (\Delta/2)-1)$	$M = R (1 - \cos(\Delta/2))$		
24	The distance on 1 1 1 1 m of the interview	4		
34	The distance on long chord to any offset point	t is called		
	Offset distance	I angent length		
	Chainage	Chord length		
35	Rankine's method is which method of setting	out of a curve?		
	Offset method	Radial method		
	Tangent method	Angular method		
36	The centrifugal force is acting in which type of	of curve?		
	Simple circular curve	Transition curves		
	Vertical curves	None of the above		
27	The equation of contributed force D is			
31	The equation of centificgal force P is $\mathbf{p} = \mathbf{W} \mathbf{V}^2 / \mathbf{g} \mathbf{p}$	$\mathbf{D} - \mathbf{D} \mathbf{V}^2 / \mathbf{\alpha}$		
	$\mathbf{P} = \mathbf{W} \mathbf{V} / \mathbf{g} \mathbf{K}$ $\mathbf{D} = \mathbf{V}^2 / \mathbf{D}^2 \mathbf{z} \mathbf{W}$	$\frac{\Gamma - K V / g}{D - W^2 V / c D}$		
	P = V / K gW	P = W V/gR		
38	Which of the following is not transition curve			
	Cubic parabola	Summit curve		
	Spiral	Lamniscate		
39	Concave curve and convex curve are types of	which curve?		
	Cubic parabola	Spiral		
	Vertical curves	Lamniscate		
40	Calculate mid ordinate for deflection angle 40	degree and 200 m radius of a curve		
	12 m	15 m		
	10 m	8 m		
41				
41		242.60		
	212.75	242.09 282.74 m		
	212.23	282.74 111		
42	Calculate length of chord if deflection angle is	s 40 degree and 180 m radius of curve		
	114.15	122.80		
	123.12	128.60		
43	Find external distance for radius 150 m and in	tersection angle 72 degrees.		
	162.36	200		
	105.10	129.36		
44	Calculate tangent length for deflection angle	40 degree and 200 m radius of curve		
	60.23	72.80		
	45.22	80.12		
4 -				
45	Calculate mid ordinate for radius 191 m and d	letlection angle 45 degree		
	14.51	21.56		

	26.35	None of above		
46	Which of the following is not an angular method to form a curve?			
	Tacheometric method	One theodolite method		
	2 Theodolite method	Offset chord method		
17	Which of the following is vertical curve			
т <i>і</i>	Summit curve	Valley curve		
	Both	None of the above		
	Dom			
48	Find tangent distance if radius is 200 m and in	ntersection angle is 120 degree		
	110.22	115.47		
	123.2	119.35		
10				
49	Which method of curve is used for larger radi	us in important projects?		
	l acheometric method	One theodolite method		
	2 Theodolite method	Offset chord method		
50	In which method of setting out of the curve no	o complex instruments are required?		
	Linear methods	Methods by offset from codes		
	Method by offset from tangents	Angular methods		
	Unit 6- Software	Application		
1	In total station data is stored in			
	Pen drive	Data card		
	Microprocessor	External nardware		
2	Compensator can make complete adjustments in Total Station			
	True	Ffalse		
	None of the above	Irrelevant		
3	Vertical angle is measured in the total station	as		
	Zenith angle	Nadir angle		
	Latitude	Longitude		
1	Which of the following indicates the formula	for converting slope distance to horizontal		
7	distance	for converting slope distance to nonzontal		
	S = H(sin z)	$H = S^* S (\sin z)$		
	H*H = S(sin z)	H = S(sin z)		
5	When the total station is sighted to the target,	which of the operations acts first?		
	Rotation of optical axis	Rotation of vertical axis		
	Rotation of horizontal axis	Rotation of line of collimation		
6	Which of the following indicates the correct s	et of the combination of Total Station?		
	Theodolite compass	Theodolite EDM		
	Electronic theodolite EDM	EDM GPS		

7	Which among the following doesn't indic	ate the basic calculation of Total Station?		
	Horizontal distance	Slope distance		
	Vertical distance	Co-ordinate calculations		
8	the formula for difference in elevation ca	n be given as		
	D = V + (I-R)	D = V + (I + R)		
	D = V - (I - R)	D = V * (I-R)		
9	In which direction is it best to place the to	otal station for obtaining the best output?		
	East	West		
	North	South		
	1			
10	The data obtained from the total station c	an be used in which among the following software		
	directly?			
	Primavera	STAAD PRO		
	Autodesk Revit	Surfer		
11				
11	Calculating the elevation difference if t	ne vertical distance is 14.89m, instrument		
		12.20 m		
	21.29 III 21.02 m	12.29 III 41.20 m		
	21:32111	41.29 11		
12	Find the vertical distance if the value of slo	ne distance can be given as 12.08 and the angle is		
12	1°23'	pe distance can be given as 12.76 and the angle is		
	21.97m	12.97m		
	12 79m	21 79m		
13	13 Find the elevation of ground beneath the reflector, if the known elevation of instrument is			
	12.76m, slope distance = $3.76m$, angle is all	bout $3^{\circ}43'$, instrument height = 2.93m, ground is at		
	0.987 m.			
	18.54m	81.54m		
	18.45m	18.97m		
14	Modern EDM uses which among the fo	llowing waves?		
	Visible rays	Thermal infra-red		
	Modulated infra-red	Radio waves		
15	Which property of an electromagnetic v	vave, depends on the medium in which it is		
	travelling?			
	Velocity	Frequency		
	l'ime period	Wave length		
1.0				
16	The distance in EDM is measured by			
	Frequency of the wave	Wave length		
	Phase difference	Amplitude		
17				
17	Tenurometer, a type of EDM uses whic	n of the following waves?		
	Visible rays	Intra-red waves		

	Microwaves	Radio waves			
18	Find the value of D if the wavelength of the wave is 40m, n=2 m and the angles are given as $\theta 1 = 0^{\circ}$, $\theta 2 = 180^{\circ}$.				
	50 m	40 m			
	20 m	10 m			
19	Electromagnetic waves are represented in w	vhich of the following formats?			
	Longitudinal waves	Transverse waves			
	Sinusoidal waves	Surface waves			
• •					
20	For increasing accuracy, high frequency of	propagation is used.			
	True	False			
	Not Given	Irrelevant			
01	What would be the unline of low the if the dist				
21	What would be the value of length if the distance is given as 30m, m= 3 and the change in length is 8m.				
	7.43 m	7.34 m			
	6.34 m	5.43 m			
22	Phase difference can be expressed in which	n of the following format?			
	Meters per second	Meters			
	Cycles	Seconds			
23	Which of the following represents the correct sequence for the basis of EDM				
	propagation?				
	Propagation, generation, reflection and reception	Generation, reception, reflection and propagation			
	Generation, propagation, reception	Generation, propagation, reflection			
	and reflection	and reception			
24	Different types of EDM's are obtained on the	e basis of			
	Wave length	Carrier wave			
	Frequency	Time period			
25	Which among the following EDM instrument	s is having more range?			
	Infra-red instruments	Visible light instruments			
	Microwave instruments	Gamma ray instruments			
26		a function of the former of the			
26	Which type of modulation is used in the cas	e of microwave instrument?			
	Frequency modulation	Amplitude modulation			
	Carrier wave modulation	Time period modulation			
27	The frequency rende used in visible light inc	trumanta ia			
21		5*10 ⁸ Hz			
	5 IU TZ 5*10 ¹⁰ Hz				
	5 IU ΠZ	J IU ∏Z			
20	28 Geodimeter uses which of the following waves as a carrier wave?				
20	Microwayoc	Visible light			
	WICIOWAVES				

	Infra-red	Cosmic rays			
29	Microwave EDM instrument requires two ins	strument stations.			
	True	False			
	Not Given	Irrelevant			
30	What among the following indicates the ran	ge of Geodimeter?			
50	20 Km	30 Km			
	25 Km	35 Km			
	25 1111	55 KH			
31	The wavelength of I.R in infra-red instrumer	nts is about			
	0.6 * 10 ⁻⁶ m	1.0 * 10 ⁻⁶ m			
	0.7 * 10 ⁻⁶ m	0.9 * 10 ⁻⁶ m			
32	Frequency modulation is used in the case of	of visible light EDM.			
	True	False			
	Not given	Irrelevant			
22	22 Which among the following EDM instruments are equable of producing output with loss				
55	expenditure?				
	Microwave instruments	Cosmic ray instruments			
	Visible light instruments	Infra-red instruments			
	· · · · · · · · · · · · · · · · · · ·	··			
34	How to remove circle eccentricity in electroni	c theodolite?			
	By taking both face reading	By proper levelling			
	By proper centring	None of the above			
25					
33	By taking both face reading	By proper levelling			
	By taking both face reduing	By proper levening			
	By proper centring	By repeating observations			
36	how to reduce error in the total station if EDM	I is modular?			
	By centring and levelling	By putting on instrument			
	By repeating readings	None of the above			
37	What is the maximum charging time of the ba	ttery of total station?			
	5 to 6 hours	8 to 10 hours			
	12 to 14 hours	More than 24 hours			
20	Which commuter and group is used to noticize d	late in total station?			
38	which computer program is used to retrieve a	ata in total station?			
	MS Word	MIS Excel			
	MS PowerPoint	AutoCAD			
39	39 Which of the following is radial shooting?				
57	Maximum reading taken from one point	Maximum objects bisected			
	Shooting from video Camera	Radio communication			
40	Descriptive and graphical data are stored in				

	Graphic book	Record Book			
	Field book	Journals			
		•			
41	41 Which of the following is not an EDM setting?				
	Select IR laser	Fine measuring mode			
	Temperature measurement	Pressure in hPa			
42	which of the following is called backsight without prism?				
	Longitude	Azimuth			
	Benchmark	None of the above			
43	Which of the following is used for centring in	total station?			
	Plumb Bob	Fixing screw			
	Optical plummet	None of the above			
44	Which instrument is used to level electronic to	otal station?			
	Tribrach	Foot screw			
	Tripod stand	All of them			
45	What does include in prism set for total statio	n?			
	Prism	Centring rod			
	Prism holder	All of above			
46	What is the average value of prism constant?				
	0 to 10 mm	0 to 50 mm			
	10 to 20 mm	0 to 100 mm			
47					
47	What is the full form of RPU?				
	Radial proportion unit	Remote partial unit			
	Remote positioning unit	None of the above			
40					
48	what is the range of ATK??	2000			
	1000 m	2000 m			
	500 m	5000 m			
10	0 What is the range of a single price reflector?				
49	2 kilometros	1 kilomotro			
	5 kilometres	10 kilometre			
	5 Kiloliicues				
50	50 Which of the following is a type of total station?				
50	Manual total station	Automatic total station			
	Semi-automatic total station	All of the above			
	Semi-automatic total station				
1					