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PANSKURA BANAMALI COLLEGE

(Autonomous College 2018-28)

Largest Rural Based, NAAC Re-Accredited 'A' Grade (2016-21)

& DST-FIST (Govt. of India) sponsored College

Website : www.panskurabanamalicollege.org

E-mail : principal.pbc@gmail.com

Ref: Quo/B.Ed/01/2018

Date: 09/02/2018

NOTICE INVITING QUOTATIONS

Sealed quotations are invited from enlisted/ reputed suppliers for supplying of following articles for Panskura Banamali College. Specifications along with required quantity are detailed below. Rate should be quoted in the following format including Tax and delivery charges (if any). In addition to it please mention the guarantee and warranty period in the quotation. Interested company/dealers/suppliers may provide latest by **24-02-2018** upto 1 PM. Quotation shall be submitted in a sealed envelope superscripting with "QUOTATION FOR SUPPLY OF EQUIPMENTS/ ARTICLES FOR **B. ED. DEPARTMENT**" and send to the Principal, Panskura Banamali College, Panskura R.S., Dist. Purba Medinipur, West Bengal. 721152.

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Principal

Panskura Banamali College

List of Items for the Teachers' Training (B.Ed.) Department

1. Requisition for Language Laboratory integrated with ICT		
Items description		Qty.
UPS		05 pc
Mouse make:	HP/Dell	05 pc
Slide presenter with Lesser pointer (Logitech R400)	Logitech	01 pc
Dual frequency Microphone Make: STUDIOMASTER Model: XR 100 HCL SERIES + LAPEL WIRELESS MICROPHONE	STUDIOMASTER & LAPEL	01 pcs
SKILL JUNCTION , Language, Communication and Multimedia Lab for 20 User (warless)	ISILS	20 User
SANAKO Pronounce a) English (India) b) English (English US) c) English (UK)	SANAKO	20 user each
Table Microphone (AHUJA Make, Model-AWM 630VG)	AHUJA Make, Model-AWM 630VG	02 pcs
Portable Micro LED Projector (USB /MicroSD and HDMI enabled powered by Dry cell	Any Std. Co.	10 pcs
Sound track compiler / mixture 12 channel (Make: AHUJA)	AHUJA	01 pc
HDMI cord (5mit)	Any Std. Co.	02 pcs
HDMI cord (10mit)	Any Std. Co.	01 pc
Head Phone with Mic (make: PHILIPS, Model – SHM-7410- 97)	PHILIPS	03 pcs
Keyboard and Mouse set (wireless)	HP/DELL	03 pcs
Portable Sound System for Class Room	Jack Marin Model Z12	02 pcs
VGA Multiplier 4 in one port		01 pc
VGA Multiplier 2 in one port		02 pc
Audio Splitter (AHUJA) 8 channel	AHUJA	01
Networking switch (RJ) 8 channel		02 pcs
Chart of English Grammar Through Pictures (Set of 20)		01 set
Chart of English Composition Course (Set of 12)		01 set
Chart of Active & Passive Voice (Set of 10)		01 set
Chart of Direct & Indirect Speech (Set of 12)		01 set
Chart of Synthesis of Sentences (Set of 10)		01 set
2. Requisition for Mathematics Laboratory		
SL. No.	Item with specification	Quantity
1. Measuring Instruments for junior		
	a) Tape for learning measurement 3 meter	2
	b) Jug & beaker 50 ml to 1000 ml Set of 5	3
	c) Wall Thermometer on plastic base	2
	d) Chemical Thermometer 30 cm.	2
	e) Kitchen Balance	2
2	Charts for Arithmetic size 50 × 75 cm for junior	
	a) English Numerical	2
	b) Addition	2
	c) Subtraction	2

	d	Multiplication	2
	e	Division	2
	f	Multiplication Table	2
	g	Roman Numerical chart	2
3	Charts printed on synthetic paper set of 5 each size 70 × 100 cm For senior		
	a	Mensuration Chart	2
	b	Graph Chart Laminated	2
	c	Shapes & Figures (Description of Figures with their angles & construction)	2
	d	Chart of Math symbol	2
	e	Algebra identities	1
4	Mensuration kit : for understanding the following for senior		
	a	Area of Parallelogram	2
	b	Area of Triangle set of 3	2
	c	Area of Rhombus	2
	d	Area of Trapezium	2
	e	Mid Point Theorem	2
	f	Area of a circle	2
	g	Properties of Parallelogram	2
	h	Quadrilateral formed by the mid points of	2
	i	Algebraic identity set of cubes	1
5	Sextant model		2
6	Theodolite model		2
7	Optical Square Brass		2
8	Cross Vertical Staff Brass		2
9	Vernier Caliper		2
10	Model Standard Time Indicator		2
11	Metal wired Tape 15 meter		2
12	Rain Gauge Brass		1
13	Angle in a circle & its part		2
14	Charts on Mathematics for upper primary		2

3. Requisition for Physical Science laboratory

	Experiments	Items description	Qty.
1	Measurement of breadth and width of an object (~ 1cm). .	Slide calipers (Brass made)	12 "
2	Measurement of width and depth of an object (~ 1mm). .	Screw gauge (Brass made)	12 "
3	Measurement of thickness and radius of curvature of lens	Spherometer (Brass made)	12 "
4	Measurement of Specific gravity	Specific gravity bottle	12 "
5	Measurement of Specific Heat	Hair apparatus	02 "
6	Easements of magnetic field and drawing of the line of force	Bar magnate and magnetic needle	12 "
7	Measurement of g	Simple pendulum	02 "
8	Measurement of frequencies	Sonometer with weight	02 "
9	Component for the creation of frequency	Tuning fork (One set) Imported quality	01 "
10	Measurement of velocity of sound	Resonance air	01 "

		column apparatus	
11	Verification of Boyel's Law	Boyel's Law apparatus	02 "
12	Verification of Ohm's Law	Ohm's Law	02 "
13	Measurement of resistance	Meter bridge with Jockey	02 "
14	Measurement of resistance	P.O. Box (Set Dey Type) 4 -arms	02 "
15	Components for resistance	Resistance box	02 "
16	Measurement of temperature	Thermometer	04 "
17	DCC wire (copper)	Connecting wire	2 kg
18	Cutter		4 pcs
19	Digital Multi-meter Make: WACO	Make: Waco	2 pcs
20	Table Galvanometer (20 micro Amp/div)	Make: Oxford	4 pcs
21	Volt Meter 0-20 volt, 0-200 volt	Make: Oxford	4 pcs each
22	Ammeter (0-20 mA, 0-200mA)	Make: Oxford	4 pcs each
23	Power supply (0-2 volt, 0-10 volt) with 30 sec relay and short circuit protection	Make: Oxford	8 pcs each

4. Requisition for Geography Laboratory

	Items description	Qty.
1.	Topographical Map (Platue and plane)	12 set
2.	Barometer (Imported quality, Brass made with mercury)	01 pc
3.	Max and min hermometer	01 pc
4.	Dry and wet bulb thermometer	01 pc
5.	Hygrometer	02 pc
6.	Globe (large)	03 pc
7.	Measuring tape	04 pc
8.	Political Map of India	01pc
9.	Political of World	01pc
10.	Physical map of Asia	01pc
11.	Physical map of India	01pc
12.	Physical map of World	01pc
13.	Geographical Apparatus	
14.	THE SOLAR SYSTEM (Model) :	01pc
15.	STANDARD TIME INDICATOR(Model) :	01pc
16.	SOLAR & LUNAR ECLIPSES (Model):	01pc
17.	THEODOLITE MODEL:	01pc
18.	STUDENTS PLANETARIUM (Model)	01pc
19.	Earth Layer Model:	01pc
20.	3D GEOGRAPHICAL CHARTS	
21.	Interior of the Earth	01pc
22.	Oxygen & Carbon Cycle in Nature	01pc
23.	Mass Movement on Earth	01pc
24.	Desert Features & Eolian System	01pc
25.	Drainage Pattern	01pc
26.	Maps (Isotherm maps of India) July and January	12 pcs
27.	Moon-cell Soil color chart	01 pc
28.	Individual Sample rock and Minerals (one each) a) Sedimentary, b) Igneous, c) Metamorphic	24 pcs

5. Requisition for Art & Craft as well as Work Education Laboratory

Sl. No.	Items specification	Qty.
1.	Learning Materials used during the Micro Teaching	
2.	Hard Board	3 rim
3.	Mount Board	2 rim
4.	Bulletin Board	2 rim
5.	Brush of different sizes (0 to 12)	6 each
6.	Oil Paint of different colours	5 set each
7.	Water Paint of different colours	5 set each
8.	Learning Materials used during the Practice Teaching	As per CBSC, ICSC & WBCHSE
9.	Learning Materials used during the Simulated Teaching	As per CBSC, ICSC & WBCHSE
10.	DMC thread	3 doz.
11.	CMC thread	3 doz.
12.	Scissor 12 inch	2 pcs
13.	Scissor 08 inch	12 pcs
14.	Scissor 06 inch	12 pcs
15.	Measuring Tape (12 feet)	6 pcs
16.	Measuring Tape (20 feet)	6 pcs
17.	Dice for candle making (06, 12, 24 chambered)	6 each
18.	Hard wax	5 kg
19.	3mm Glass plate (6 "x10") & (8"x12") for painting	25 each
20	Requirement for Phenyl & Soap preparation a) Costic soda – b) Crioizoid Oil – c) Redir oil - d) Rajan (adhesive) e) Sodium Silicate f) Soapstone Monopan Balance (digital) Balance set with weight of different size Bume meter Measuring Cylinder (100ml, 200ml, 500ml) fiber & Glass Cooking accessories set Different types of fragrance Cutting machine	5 kg 7 kg 1 kg 2 kg 10 kgs 06 kgs 1 pc 1set 7 pcs 7 pcs each 2 set 1 each 2 pcs
27	Induction Heater (any reputed make)	2 pcs

6. Requisition for Psychology Laboratory		
	ITEM SPECIFICATION	Quantity
1	a) Finger Dextinite Board	1 pc
	b) Attention measuring card	5 pcs
	c) Depth perception	1 pc
	d) Judgment Time	3 pcs
	e) Mare Learning	3 pcs
	f) Recall and Recognition	2 pcs
	g) Span of attention measurement card	4 pcs
	h) Speed of learning measurement card	6 pcs
	i) Substitution Learning card	1 pc
	j) Wooden Board (3feet x 3 feet)	10 pcs
2	Non Verbal test-	
	(a) Dearborn's form Board test	2 sets
	(b) Knox's Cube Construction Test	2 sets
	(c) Healy's Puzzle Test	2 sets
	d) W I S E – Wechsler Intelligence scale for Children (1949)	2 sets
	e) W I S E- Wechsler Adult Intelligence Scale (1955)	2 sets
3	Group Test of Intelligence -	
	A G C T – Army General Classification Test	2 sets
	A A T- Army Alpa Test (Verbal Test)	2 sets
	A B T – Army Beta Test (Non Verbal Test)	2 sets
	C A V T- Completion Arithmetic Classification	2 sets
	M M P I Minnesota Multiphasic Personality Inventory	2 sets
	Bell's adjustment Inventory	2 sets
	Bern renter's Personality Inventory	2 sets
	W A T - Word Association Test (Kent & Rosanoff)	2 sets
	R I B T - Rorschach ink blot test	2 sets
	TAT- Thematic Apperception test	2 sets
	CAT- Children Apperception Test.	2 sets
4	(Attitude Test/Scale) ---	
	1.Thurston's attitude scale	2 sets
	2.Likerts attitude Scale	2 sets
	3.Master attitude scale	2 sets
5	Interest Inventory test---	
	1.VIB-Vocational Interest Blank	2 sets
	2.KPR-Kuder's Preference Record	2 sets
	3.TIS-Thurstone's Interest Schedule	2 sets
6	Aptitude Test----	
	1.SMAT- Stenquist Mechanical Aptitude Test	2 sets
	2.DAT- Diffential Aptitude Test	2 sets
	3. Macquarric test for mechanical ability.	2 sets

7. Requisition for Psychology Laboratory		
1.	Verbal Intelligence test	1set
2.	Non-Verbal Group Intelligence test	1set
3.	Problem solving ability test	1set
4.	Passi Test of Creativity	1set
5.	Dimensional Personality Inventory	1set
6.	Neurotic Personality Inventory	1set
7.	Bells Adjustment inventory	1set
8.	Teacher Adjustment Inventory	1set
9.	General Classroom Achievement test	1set
10.	Attitude Scale Towards Teaching Profession	1set
11.	Education interest record	1set
12.	Social Maturity Scale	1set
13.	16 P.F. Test Form-A	1set
14.	Recall of completed & Incompleted Task	1set
15.	Mental Fatigue Test	1set
16.	Test of General Intelligence	1set
17.	Mirror Drawing Apparatus- Electrical- Deluxe	1set
18.	Mirror Drawing Apparatus- simple with Manual	1set
19.	Human Maze Learning App. (T-shape) Electrical- Deluxe	1set
20.	Human Maze Simple- Aluminium with Manual	1set
21.	Memory Drum Apparatus (Hand Operated)	1set
22.	Tachistoscope Apparatus with cards	1set
23.	Finger Dexterity Board Apparatus with pin	1set
24.	Colour Mixer Apparatus (Hand operated) with Manual	1set
25.	Colour Mixer Apparatus variable speed, Electrical- Deluxe	1set
26.	Card Sorting Tray Apparatus with manual	1set
27.	Pass A-Long Test of Intelligence	1set
28.	Koh's Block Design Test.	1set
29.	Koh's Block- Superior qlty.	1set
30.	Sequin Form Board Test with Handbook.	1set
31.	Concept Attainment Test	1set
32.	Environment Awareness ability	1set
33.	Attitude Scale Towards Homework	1set
34.	Span of Immediate Memory	1set
35.	Mental Fatigue Test	1set
36.	Study Habit Inventory	1set
37.	Retroactive Inhibition	1set
38.	Muller Lyre Illusion Apparatus	1set
39.	Mc-Dougal Disc for Division of Attention	1set
40.	Concept Achievement (formation)	1set
41.	Teacher Attitude Scale	1set
42.	Portraits of Eminent Psychologist	1set
43.	Charts of Human Anatomy-Laminated (set of 12 pcs)	1set
44.	Performance Test in Perception w Manual (visual & auditory)	1set

8. Requisition for Psychology Laboratory

45.	Group Test of Intelligence	G.C Ahuga / P.Ahuja	1 set
46.	Performance Test of Intelligence of children	Bhatia	1 set
47.	Performance Test of Intelligence of Adults	S.K.Verma & D.Pershad	1 set
48.	Concept Achievement (formation) test (cards)	M.Rajamanikam	1 set
49.	Yerk's Multiple Choice Apparatus With Manual	M.Rajamanikam	1 set
50.	Teaching Aptitude Test	Singha / Gakhar / Dahia	1 set
51.	Spatial Perception Ability Test	R.K.Gupta	1 set
52.	Verbal Test Of Creative Thinking	Bquer Mahdi	1 set
53.	Verbal Test Of Creative Thinking	Bquer Mahdi	1 set
54.	General Classroom Achievement Test	A.K.Singa & A Sen Gupta	1 set
55.	Sentence Completion Test (projective Technique)	L.N.Dubey & A Dubey	1 set
56.	Career preference Record (vocational Interest)	Vivek Bhargava	1 set
57.	Teacher Attitude Inventory	S.P.Ahluwalia	1 set
58.	Yoga Attitude Scale	A.K.Muchhal	1 set
59.	Passi Test Of Creative (Verbal+ NON Verbal)	B.K.Passi	1 set
60.	Social Motives Scale	R.N.Singh & M.Bhargave	1 set
61.	Teachers Reactions and Frustrations in School Situ.	M.K.Goyal	1 set
62.	Environment Awareness Ability Measure	PK.Jha	1 set
63.	Teacher Adjustment Inventory	S.K.Mangal	1 set
64.	Mental Health Battery	A.K.Singh & A.Sengupta	1 set
65.	Attitude Scale Towards Teaching Profession	Umme Kulsum	1 set
66.	Long Term Memory	B.B.Asthana	1 set
67.	Short Term Memory	B.B.Asthana	1 set
68.	Memory Drum Apparatus With Manual	Rakhi Bhargva	1 set
69.	Mirror Drawing Apparatus With Manual	Vivek Bhargva	1 set
70.	Maze Learning Apparatus With Manual	Vivek Bhargva	1 set
71.	Card Shorting Tray Apparatus With Manual	Vivek Bhargva	1 set
72.	Mc Dougal Disc Apparatus With Manual	Vivek Bhargva	1 set
73.	Attention Board Apparatus With Manual	Vivek Bhargva	1 set
74.	Mental Fatigue Test	Vivek Bhargva	1 set
75.	Hand Colour Mixture Apparatus With Manual	Vivek Bhargva	1 set
76.	Colour Preference Apparatus With Manual	Vivek Bhargva	1 set
77.	Test in Preference (Performance Type)	R.k Gupta	1 set
78.	Pendey's Cognitive Development Test Piagetion Experiment	Hema Panday	1 set
79.	Normal probability Curve Apparatus With Manual	Vivek Bhargva	1 set
80.	Mosaic Test of Personality (Protective Technique)	B.B.Chatterjee	1 set
81.	Cube Construction Test	A.N Quershi	1 set
82.	Manual for Koh's Block Design Test		1 set
83.	Manual for Pass Along Test		1 set

9. List of Sports Equipments for B.Ed. Department

Sports Equipment	Make/ Specification	Requirement
Badminton Net	Cosco/ Falcon (4side tape)	1 pcs
Yonex Shuttle Fibre	Mavis (10/ 300/350/500)	2 barrel each
Badminton Racket	Yonex	6 pcs
Staranchi	Any Standard Co.	2 pcs
Measuring Tape	Freemans	50 mt.
Foot ball	Cosco Milano, Nivia Classic, Nivia Vega	4 pcs
Chess Board (2 complete set)	Any Standard Co.	2 pcs
Cricket Bat for Tennis Ball	AMCO/DSC	4 pcs
Tennis Ball	Vicky, Hedley,	12 pcs
Cricket Stumps	Any Standard Co.	9 pcs
Yoga Mat	Cosco	2 pcs
High Jump Upright Bar	Nelco	1 pair
Cross Bar	Nelco	1pc
Table Tennis Board	Stag/ Dominic	1 pc
TT Ball	Stag/ Dominic	12 pcs
TT Bat	Stag/ Dominic	6 pcs
Volley Ball	Cosco	4 pcs
Volley Ball Net	Dolphin	1 pc
Carom Board (48 inch) 2 Complete set		2 pcs

Sd/-
Principal
Panskura Banamali College