

Request for Proposal (RFP)

For

Data Entry and Analysis Services for Three Sample Based Assessments in Khyber Pakhtunkhwa

- 1. Teacher Competency Survey
- 2. Teacher Content Knowledge
- 3. Assessment of Newly Inducted Teachers

2018-19

Last Date for Submission of Proposal: March 20, 2019

Directorate of Curriculum and Teachers Education (DCTE), (Assessment & Evaluation Wing) College Road, Mandian, Abbottabad.

Email: deputydirectorpeace@gmail.com, shafique.atd@gmail.com

Phone: 0992-382634/ 0992-384278, Fax: 0992-381527

www.kpese.gov.pk

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Request for Proposal (RFP) for Data Entry and Analysis Services for Sample Based Assessments

(1). Teacher Competency Survey, (2). Teacher Content Knowledge and (3) Assessment of newly Inducted Teachers

Data Sheet

1	Bid Inviting Authority,	Director Curriculum and Teachers Education, College					
	Designation and Address	Road Mandian, Abbottabad.					
2	a. Name of the Work	Data Entry and Analysis Services for Three Sample					
		Based Assessments Studies Carried out by DCTE					
	b. Tender Reference	Advertisement					
	c. Place of execution	DCTE Abbottabad					
3	Due Date, Time and Place of	Bid Document shall be submitted to Director					
	submission of Bid Documents.	Curriculum and Teachers Education (DCTE), College					
		Road Mandian, Abbottabad on 20/03/2019 up to 12.00					
		Hours					
		Tel: 0992-382634/ 0992-384278					
4	D. T. IDI C	20/02/2010 / 1700 l					
4	Date, Time and Place of	20/03/2019 at 1500 hours in the Office of Director					
	Qualification Proposal opening	Curriculum and Teachers Education (DCTE), College Road Mandian, Abbottabad.					
5	Evaluation of Proposals	Within One Week after the Technical Proposal					
3	Evaluation of Proposals	Opening					
6	Date, Time and Place of opening	Shall be intimated subsequently to Technically					
	of the Financial Proposals.	Qualified firms					
7	Validity of Bid	90 Days from the Date of Opening of Technical					
		Proposal					
8	Contact Person	Muhammad Shafique, Additional Director Assessment					
		& Evaluation, Directorate of Curriculum and Teacher					
		Education (Cell# 03219849337)					
9	Award of contract	Within a Month after Bid Opening					

Letter of Invitation

Dear Mr./Ms.:

- 1. The Directorate of Curriculum and Teacher Education (DCTE), Abbottabad (hereinafter called "Procuring Entity") invites proposals for **Data Entry and Analysis Services for Three Assessments**; 1) **Teacher Competency Survey, 2**) **Teacher Content Knowledge and 3**) **Assessment of newly Inducted Teachers**. More details on the services are provided in the Terms of Reference.
- 2. A firm will be selected under Quality and Cost based Selection (QCBS) and procedures described in this RFP, in accordance with the KPPRA 2014.
- 3. The RFP includes the following:
 - 1 Letter of Invitation
 - 2 Instruction to Firms
 - 3 TORs
 - 4 Evaluation Criterion
 - 5 General

Yours truly,

Director

Curriculum and Teacher Education Khyber Pakhtunkhwa Abbottabad Tel:0992-382634/0992-384278

Request for Proposal

The Directorate of Curriculum and Teacher Education (DCTE) is requesting proposals from experienced and qualified firms in **Data Entry and Analysis Services for Three Sample Based Assessments Studies**; 1) Teacher Competency Survey, 2) Teacher Content Knowledge and 3) Assessment of newly Inducted Teachers

A firm will be selected under Quality and Cost based Selection (QCBS) and procedures described in the RFP, in accordance with the KPPRA Rules 2014. Detail Bid documents are available on the websites of E&SE Department (www.kpese.gov.pk) and KPPRA (www.kppra.gov.pk).

Bid Documents shall be submitted on **or before 20/03/2019 up to 1200 hours and** will be opened on **20/03/2019 at 3.00 PM**. The bid document will be submitted to:

Director

Curriculum and Teachers Education (DCTE), College Road Mandian, Abbottabad. Tel: 0992-382634/ 0992-384278

SECTION - I

Terms of Reference

1. CONTEXT AND INTRODUCTION

Government of Khyber Pakhtunkhwa is in the process of implementing an education reforms aimed at making access to universal and uniform quality education in the Province. These reforms are impacting all aspects of education system including curriculum, instruction and assessment. KP Govt fully recognizes that the success of its reforms pivot on regular and reliable assessment of various interventions to know its impact.

With this backdrop, different initiatives have taken place to assess the competency of teachers and suggest remedial activities to improve their competence through quality In-Service Training Programs. This includes Teacher Competency Survey, Teacher Content Knowledge Survey and Assessment of newly Inducted Teachers. Assessment & Evaluation Wing of DCTE manages these activities in the Province.

2. OBJECTIVES

2.1 Annual Survey of Teaching

a) Teachers competency Survey: The Annual Survey of teaching is a sample-based assessment of teacher performance measured against the core competencies for teaching notified in Khyber Pakhtunkhwa (2014). The survey is based on lesson observation in sample schools. During the observation, one lesson in Maths or English is observed from Class 4, and one lesson in Maths or Science or English from Class 5. The observation instrument includes approximately 65 simple items for data entry, all but 15 of which require an entry on a scale 0 - 4. There are no open-ended questions.

Sample: The total sample for teacher is 2800 teachers in approximately 1400 schools. Sample survey tool is attached for reference.

b) Teachers Content Knowledge Survey: Another sample-based assessment of teachers on teaching content knowledge was conducted in 2015, 2016, 2017 and 2018. This was first time in KP when teachers were assessed on their content knowledge. The findings revealed that teachers need to improve their content knowledge as well as teaching strategies. As a result of these assessment new training programs have been designed to address the deficiencies of existing teachers.

Sample: The total sample is 6200 teachers from 3100 schools. Sample survey tool is attached for reference.

2.2 Assessment of newly Inducted Teachers: Total 13039 (8057 primary and 4982 secondary) teachers have been recruited through Induction Program (IP) will be assessed through a comprehensive test in first week of March, 2019. This test will be based on three subjects i.e. English, Mathematics and Science with total 120 marks , 40 for each. Through this assessment we need individual result of appeared teachers and detail analysis against the provided analysis framework.

3. SCOPE OF WORK

Assessment and Evaluation Wing of DCTE will be responsible for developing survey tools, identification and training of field team for data collection, and conducting all surveys in the field. Assessment and Evaluation Wing will conduct these assessment studies in **February-March 2019** and data entry and analysis will start in **March 2019**. For data entry and analysis of three assessment activities mentioned in section 2, Directorate of Curriculum & Teacher Education intends to hire a firm (reflecting in active tax payer list) to carry out following data entry and data management services:

- 1. The firm will be responsible for the development of database(s) to be used for data entry and analysis of three assessment activities. Specific responsibilities include developing database and set up the network system for Data Entry, including the process by which all data is stored on the server. The data will be verified by the experts for its validation.
- 2. Firm will coordinate with focal person at DCTE for collection of filled survey forms for data entry. Once these forms entered in database, firm is responsible to return the same to focal person.
- 3. The firm will undertake the data entry of around 22,039 survey forms as per the guidelines shared by the DCTE. A unique serial number will be assigned to all the questionnaires/survey forms handed over to the firm. The firm will devise the mechanism to store and manage the survey forms after their receipt. Below is the breakup of data entry forms:

S.#	Sample Based Assessment Studies	Approx. Survey
		forms
1	Teacher Competency Survey	2800
2	Teachers Content Knowledge	6200
3	Assessment of Newly Inducted Teachers	13039
	Total	22039

Note: please note that this is the estimated number of survey forms which may decrease during the actual field activity.

- 4. The firm will be responsible for arrangement of data entry centers equipped with computers, backup generators and other equipment on its own. An adequate number of staff including Data Entry Operators and Data Entry Supervisors to be deployed to ensure successful Data Entry of around 22,039 Survey Forms.
- 5. The firm will be responsible to clean data, check for completeness, consistency and accuracy.
- 6. The firm will provide complete descriptive analysis, graphical presentations and other information as required for drafting of Assessment Reports.
- 7. The firm will also conduct comparative analysis of data from last year assessments studies/databases (DCTE will provide the previous year's database for comparison).
- 8. The data entry firm shall ensure and comply with the Quality Assurance methodology agreed with Assessment & Evaluation Wing of DCTE in advance. The entered data will be the property of the DCTE.

- 9. The Firm will be responsible to establish and maintain special security features and measures at its Data Entry site to ensure the confidentiality and security of all data (hard and soft formats).
- 10. The firm will be responsible to set mechanism for sharing a daily progress report specifying the number of forms completed, missed out and re-entered.

4. TIMELINES FOR THE SUBMISSION OF REQUEST FOR PROPOSAL AND PROJECT

Request for Proposal Timeline:

- 1. The proposals in response of RFP is due as per stipulated period mentioned in the advertisement.
- 2. Evaluation of proposals will be conducted within a week after the closing date.
- 3. Contract negotiations with the successful bidder will be signed after completion of evaluation process and approval from the competent authority.

Project Timeline:

- 1. Teacher competency survey has already been completed. The survey forms along with analysis framework will be handed over at the time of agreement. The firm will complete the data entry and analysis by March 25, 2019.
- 2. Teachers Content Knowledge will be completed by March 25, 2019. The survey forms along with analysis framework will be handed over to firm by March 26, 2019.
- 3. Assessment of Newly Inducted Teachers will be completed by March 25, 2019. The survey forms along with analysis framework will be handed over to firm by March 30, 2019. The firm will complete the data entry and analysis by April 15, 2019.

5. SCHEDULE OF DELIVERY

Start date: After One week of signing the contract End date: April 30, 2019

6. DELIVERABLES

Following are the deliverables of the assignment:

- 1. Three separate databases for all three assessment studies (convertible in MS. Excel, MS Access and MS. Word etc.)
- 2. Analysis reports of all three assessment studies including graphs, charts, tables etc. and descriptive analysis against the provided analysis framework, and comparative analysis of these studies with previous year databases.

7. MANAGEMENT/REPORTING.

The firm will report to Director Curriculum & Teacher Education

INSTRUCTIONS TO BIDDERS

It would be deemed that by submitting a **proposal**, the bidder has:

- made a complete and careful examination of the RFP document and agrees to all conditions and implications that arise from it;
- sought, obtained and perused all relevant information for the submission of the proposal;
- a. Any error or incomplete submission arising out of an interpretation of the RFP document, its annexures or any information passed on to the bidder by the E&SE Department, Government of Khyber Pakhtunkhwa or any of its officials, the E&SE Department shall not be liable and no request for redressal of grievance or reconsideration can be accommodated.
- b. The DCTE reserves the right to annul the entire or part of the bidding process or to reject any or all proposals if:
 - at any time during the bidding process, any material misrepresentation is made or discovered;
 - the bidder does not respond to queries or requests for clarifications or requests for additional information; or
 - the bidder or their representatives or any person on their behalf attempts to influence the process of tender in any manner whatsoever
- c. In case of rejection of one or more proposals after the opening of bids, and the bids belong to the highest evaluated bidder, the Directorate of Curriculum and Teacher Education (DCTE), Government of Khyber Pakhtunkhwa reserves the right to continue with the bid and invite the next highest evaluated bidder.
- d. Any measure, taken to modify the bid process as mentioned above, will be at the sole discretion of the Government of Khyber Pakhtunkhwa Province represented by the Directorate of Curriculum and Teacher Education (DCTE), Khyber Pakhtunkhwa and is not negotiable.

THE BIDDING PROCESS

A **single stage two envelop** bidding process shall be followed. Bidders should examine all Instructions, Terms and Conditions as given in the RFP. Failure to furnish information required in the RFP or submission of Bids not substantially responsive or viable in every respect will be at the Bidder'sriskandmayresultinrejectionoftheBids.Biddersshouldstrictly submit the Bid as specified in the RFP, failing which the Bids will be held as non-responsive and will be rejected.

Bid shall comprise a single package containing two separate sealed envelopes i.e.

- 1. Envelope-A: Technical Proposal and
- 2. Envelope-B: Financial Proposal
- 3. Both the sealed Envelopes A and B should be put in a single outer cover.

The outer cover should be super scripted with "Bid for Data Entry and Analysis Services for Assessment Studies in Khyber Pakhtunkhwa".

The "FROM" and "TO" address shall also be written on all the envelopes. The Bids (Technical Proposal & Financial Proposal) shall be addressed to:

Director Curriculum and Teacher Education Khyber Pakhtunkhwa College Road, Mandian, Abbottabad Tel 0992-382634/ 0992-384278 Fax: 0992-381527

Note: The General Conditions of the contract contained in the Standard Bidding Documents for services (KPPRA) are to be followed when signing a contact with the successful bidder.

PROPOSAL SUBMISSION

1. <u>Technical Proposal</u>

The technical proposal should be divided into the following sections:

A. Cover page

This should include contact details for the organization and the name and title of the person to whom communications relating the bid should be addressed (telephone numbers, email address, physical address).

B. Organizational legal status

This should contain legal status of documents relating to certificates of incorporation and registration with relevant federal/provincial tax authorities.

C. Experience of the Firm

In this section the bidder should provide following information.

- 1. Relevant Experience of Data entry and analysis services with government/National / International organizations (Max. 2 page with list of projects carried out and References)
- 2. Specific Experience of data entry and analysis services carried out particularly in Khyber Pakhtunkhwa (Max. 2 pages with list of projects carried out and References)

D. Approach and Methodology

In this section, the Supplier should provide:

- 1. Methodology with clear cut implementation plan/strategy against the ToRs.
- 2. Details of computer & other equipment's necessary to manage the assignment

E. CVs of key personnel (maximum 2 pages per CV)

The Supplier should submit CVs of all staff employed for the assignment (Team leader, data entry operators, editors, and analyst(s) and other staff etc.) that demonstrate the expertise and experience of the team and the ability to manage the work effectively.

On each CV, the supplier must indicate the position for which the individual is being proposed and the level of effort anticipated for each individual proposed.

Note that individuals proposed must be available to work with the assignment if the proposal is successful.

8. FINANCIAL PROPOSAL

The financial proposal should be submitted for the whole project with a component wise breakup. The total price quoted for the project will be considered for comparison of quotes. Price quoted will be valid for the entire contract. All prices to be quoted in Pak-rupee, and must clearly state all applicable taxes which must be included in the quoted price.

The quoted price must include all taxes, installation/integration services and for delivery/implementation in the required location(s).

Note:- Directorate of Curriculum and Teacher Education (DCTE), Government of Khyber Pakhtunkhwa will not allow any compensation to the approved bidders for variation in the rate of exchange of rupee against dollar or any other currency. All offers in this respect should be firm and final.

EVALUATION OF PROPOSALS

EVALUATION METHODOLOGY

i. Evaluation and Comparison of Technical and Financial Bids

The Contract will be awarded to the Bid most closely conforming to prescribed evaluation criteria and other conditions specified in the TORs.

ii. Evaluation Criteria and Comparison of Bid

All Bidders shall meet legal and codal formalities of incorporation under governing law of Pakistan or Khyber Pakhtunkhwa and registration with federal/provincial tax authorities. All bid meeting responsiveness criteria shall be evaluated with

- 1. **70% weightage for technical bids** and
- 2. 30% for financial bids

iii. Technical Evaluation

The Technical Bids shall be evaluated on the basis of following parameters with a minimum qualifying score of 70% in technical evaluation.

Following evaluation criteria will be used for technical evaluation:

S. No.	Description of Variable					
1	Organizational Profile	30				
1.1	Audit reports for last 3 financial years (submit copies with the proposal)	15				
1.2	Detail of existing staff working with the organization relevant to the assignment.05 marks for Project manager and 10 for relevant supporting staff. (Please attached brief profiles of staff)	15				
2	Technical Expertise of the Firm Does the team have the right mix and level of skills, experience and necessary equipment to carry out the assignment?	45				
2.1	Relevant Experience of Data Entry and Analysis Services (3 similar projects will be considered for evaluation X 5 marks for each project submitted) (Firms should provide list of projects carried out and references)	15				
2.2	Specific Experience Data Entry and Analysis Services carried out particularly in Khyber Pakhtunkhwa (Firms should provide detail of similar project carried out with supporting references)	10				
2.3	Organizational setup and assets (10 Marks) and relevant skills & expertise of the staff (10 marks) to manage the assignment.	20				
3	Approach and Methodology	25				
3.1	Does the methodology proposed demonstrate an understanding/alignment with the ToRs of the assignment?	10				
3.2	Does the work plan provide a detailed breakdown of week wise activities, with responsibilities for completion of assignment.	15				
	Total	100				

Note:

- 1. The firm must be registered with Khyber Pakhtunkhwa Revenue Authority.
- 2. The firm should not be black listed by any Provincial/Federal Govt or organization of the State/Federal Govt in Pakistan. (In this regard undertaking on stamp paper should be submitted by the firm)

iv. Financial Evaluation

The firms qualifying minimum 70% score in technical evaluation will be eligible for opening the financial proposals. The firm who obtained marks below 70% will not be considered and their financial proposals will be returned without opening.

Financial bids of the technically qualified firms will be opened in the presence of representatives who wish to attend the tender opening. Firms will be intimated the date and time of financial proposal opening.

30% weight-age will be given to Financial Proposals of the Firms. The formula for financial scoring is that the lowest bidder gets 30 points and for the other bidders (Quoted bid of the bidder, Divided by lowest bid, multiplied by 30).

Value quoted by lowest bidder = A

Value quoted by second lowest bidder = B

Value quoted by third lowest bidder = C

Financial scoring of the lowest bidder will be = 30

Financial scoring of the second lowest bidder will be = (A/B)*30

Financial scoring of the third lowest bidder will be = (A/C)*30

v. <u>Total Score and award of contract</u>

Total score will be calculated as follows:

(70% of Technical Score + 30% Financial Score) = Total Score

Points obtained in the detailed technical evaluation will be carried forward & prorated. Contract will be awarded to the Firm with maximum accumulative score (Technical Score + Financial Score).

9. TERMS AND CONDITIONS

- 1. A payment schedule will be finalized with the successful service providers at the time of signing of contract.
- 2. Final award of the contract will be calculated on the basis of accumulative total of both technical and financial proposals.
- 3. In case any dispute the matter shall be referred to the Secretary Elementary & Secondary Education Department Khyber Pakhtunkhwa. The decision of the Secretary shall be final for all the parties.

10. PERFORMANCE GUARANTEE

Successful bidder will deposit 10% performance guarantee of the bid value in the name of Director Curriculum & Teacher Education Khyber Pakhtunkhwa Abbottabad in shape of call deposit before signing the contract.

SECTION – II

Technical Proposal - Standard Forms

FORM TECH-1. TECHNICAL PROPOSAL SUBMISSION FORM

[Location, Date]

То:	[Name and address of PE]	
Dear Si	r:	
or Thr Proposa	We, the undersigned, offer to provide the consulting services for Data Entry and Analysis Services ee Assessment studies in accordance with your Request for Proposal dated [<i>Insert Date</i>] and our l. We are hereby submitting our Proposal, which includes this Technical Proposal, and a Financial l sealed under a separate envelope.	
	We are submitting our Proposal in association with: [Insert a list with full name and address sociated Consultant]	of
	We hereby declare that all the information and statements made in this Proposal are true and accept misinterpretation contained in it may lead to our disqualification.	
he Data	If negotiations are held during the period of validity of the Proposal, i.e., before the date indicated in Sheet, we undertake to negotiate on the basis of the proposed staff. our Proposal is binding upon us lect to the modifications resulting from Contract negotiations.	
	We undertake, if our Proposal is accepted, to initiate the consulting services related to the assignment than the date indicated in the Data Sheet.	t
	We understand you are not bound to accept any Proposal you receive.	
	We remain,	
	Yours sincerely,	
	Authorized Signature [In full and initials] '	
	Name and Title of Signatory:	
	Name of Firm:	
	Address	

For FTP Only

Form TECH-2. Consultant's Organization and Experience

A - Consultant's Organization

[Provide here a brief (two Pages) description of the background and organization of your firm/entity and each associate for this assignment.]

B - Consultant's Experience

[Using the format below, provide information on each assignment for which your firm, and each associate for this assignment, was legally contracted either individually or as a corporate entity or as one of the major companies within an association, for carrying out consulting services similar to the ones requested under this assignment]

Assignment name:	Approx. value of the contract (in current Pak Rs. /US\$ or Euro):
Country:	Duration of assignment (months):
Location within country:	
Name of PE:	Total No of staff-months of the assignment:
Address:	Approx. value of the services provided by your firm under the contract (in current PKR/US\$ or Euro):
Start date (month/year): Completion date (month/year):	No of professional staff-months provided by associated Consultants:
Name of associated Consultants, if any:	Name of senior professional staff of your firm involved and functions Performed (indicate most significant profiles such as Project Director/Coordinator, Team Leader):
Narrative description of Project:	·
Description of actual services provided by your	staff within the assignment:

Form TECH-4. Description of Approach, Methodology and Work Plan for Performing the Assignment

(For small or very simple assignments the PE should omit the following text in Italic)

[Technical approach, methodology and work plan are key components of the Technical Proposal. You are suggested to present your Technical Proposal divided into the following three chapters:

- a) Technical Approach and Methodology, (2 Pages)
- b) Work Plan (2 Pages), and
- c) Organization and Staffing, (2 Pages)
- a) Technical Approach and Methodology. In this chapter you should explain your understanding of the objectives of the assignment, approach to the services, methodology for carrying out the activities and obtaining the exacted output, and the degree of detail of such output. You should highlight the problems being addressed and their importance, and explain the technical approach you would adopt to address them. You should also explain the methodologies you propose to adopt and highlight the compatibility of those methodologies with the proposed approach.
- <u>Work Plan.</u> In this chapter you should propose the main activities of the assignment, their content and duration, phasing and interrelations, milestones (including interim approvals by the PE), and delivery dates of the reports. The proposed work plan should be consistent with the technical approach and methodology, showing understanding of the TOR and ability to translate them into a feasible working plan. A list of the final documents, including reports, drawings, and tables to be delivered as final output, should be included here. The work plan should be consistent with the Work Schedule of Form TECH-8.
- c) Organization and Staffing. In this chapter you should propose the structure and composition of your team who will work on the assignment. You should list the main disciplines of the assignment, the key expert responsible, and proposed technical and support staff.

FORM TECH-5. TEAM COMPOSITION AND TASK ASSIGNMENTS

Professional Staff				
Name of Staff	Firm	Area of Expertise	Position Assigned	Task Assigned

FORM TECH-6. CURRICULUM VITAE (CV) FOR PROPOSED PROFESSIONAL STAFF

1.	Proposed Position [only one	candidate shall be nominated for each position]:							
	Name of Firm [Insert name of								
	· ·	ne]:							
	· · · · · · · · · · · · · · · · · · ·	/university and other specialized education of staff member, giving ined, and dates of obtainment]:							
	Membership of Professional A								
8.	Other Training [Indicate sign	nificant training since degrees under 5 - Education were obtained]:							
9.	Countries of Work Experience: [List countries where staff has worked in the last ten years]:								
10.	Languages [For each languages writing]:	age indicate proficiency: good, fair, or poor in speaking, reading, and							
1.	Employment Record [Starting	with present position, list in reverse order every employment held by staff g for each employment (see format here below): dates of employment, name of us held.							
Em	om [Year]: To [Year]: ployer: sitions held:								
11	. Detailed Tasks Assigned	12. Work Undertaken that Best Illustrates Capability to Handle the Tasks Assigned							
	t all tasks to be Performed under assignment]	[Among the assignments in which the staff has been involved, indicate the following information for those assignments that best illustrate staff capability to handle the tasks listed under point 11.]							
		Name of assignment or project: Year:							
		Location:							
		PE:							
		Main project features:							
		Positions held: Activities Performed:							
	13. Certification:								
Ι,	the undersigned, certify that to	the best of my knowledge and belief, this CV correctly describes me,							
my	qualifications, and my experier	nce. I understand that any willful misstatement described herein may							
leac	l to my disqualification or dism	issal, if engaged.							
<u> </u>	ionature of staff and the same	rized representative of the staff] Date: Day/Month/Year							
	ignature of staff member or authorill name of authorized represent								

Form Tech 8. Work Schedule

S. No.	Activity	Responsibilit	Time line								
140.		y	W-1	W-2	W-3	W-4	W-5	W-6	W-7	W-8	W-9
1.											
1.1											
1.2											
1.3											
2.											
2.1											
2.2											
2.3											
3.											
3.1											
3.2											
3.3											

Note: Indicate all main activities of the assignment, (e.g.: data bases development, data entry, cleaning, analysis and reporting).

Financial Proposal Data Entry and Analysis Services for Three Sample Based Assessments Studies

Budget Heads	Unit description	No. of units	Months/ Days	Unit Cost (PKR)	Total Cost	Remarks (Description of budget)
A. Staff Cost						
Total A.						
B. Administration	Cost					
Total B.						
C. Other Cost (if a	ny)					
T-4-1 C						
Total C.						
Grand Total (A+ B+C)						
	DI 44 I					

Note: Please attach notes if required to explain the costing of any budget head





Section 1

Training Need Assessment in Pedagogy

Part A: Please focus on the given subjects and answer the questions:

Questions Er		English	Math	Science	Urdu
1.1	What is your favorite subject?				
1.2	In which content areas, children find difficulty to understand?				
1.3	In which content areas, you feel difficulty to teach?				
1.4	Have you review the National Curriculum for each of the given subjects?				
	f yes, please list the standards for each of them.		8		
Part	B: Please describe general classroom	teaching prac	tices by answe	ring the followin	g questions:
1.6	How many types of learners are there in classroom?	your			
1.7	What is SLO?				
1.8	Which activities/strategies you use to en children?	gage			
1.9	Name some experiments you conducted the class while teaching Science.	in			
1.10	Name some stories other than text book you have used in the class in English and Urdu.				
1.11	List some material that you have used to teach children in the classroom for each the given subject like text book, board e	of			
1.12	How do you assess your children?				
1.13	How many times you assess the children Daily, weekly, monthly or quarterly?	1?			
1.14	How do you use your assessment results	?			
1.15	Which type of questions you ask in the assessment?				
1.16	Which language of instruction you use in the classroom?	n			
1.17	Which is the common English sentence you use in your class?				





Section 2

Training Need Assessment in Content Areas

Note: You are requested to answer the questions given in this booklet. If you don't know the answer, please feel free to leave the space.

2.1 Mathematics

- Q. Select the correct option:
 - (1) Which of the following number is one billion

a 100 000

- b. 1,000,000,000
- c. 1,000,000
- d. 1,000,000,000,0000

- (2) A trapezium is a quadrilateral in which
 - a. All four sides are equal
 - b. All four sides are parallel
 - c. Two sides are equal and two sides are not equal
 - d. Two sides are parallel and two are non parallel
- 3 The decimal fraction of $\frac{21}{250}$ is

a. 0.84

b. 84

c. 8.4

d. 0.084

(4) HCF of 21, 42,63 is

a. 3

b. 14

c. 7

d. 21

(5) An angle which is greater than 90° and less than 180° is called

a. An acute angle

b. Obtuse angle

c. Right angle

d. Reflex angle

6 If two angles of a triangle are of measure 60° each, then the measure of the third angle will be

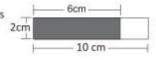
a. 30°

b. 90°

c. 60°

d. 180°

7 Perimeter of the shaded region is



a. 20cm

b. 18cm

c. 16cm

d. 12cm





- (8) Ratio of boys and girls in a class is 3:4. If there are 27 boys then girls are:
 - a. 12 b. 40 c. 36

- (9) The area of square of length of side 6 cm is :
 - 10cm²
- 12 cm2 b. . .
- c. 24 cm2
- d. 36 cm²

- 10 Subtracting 1/2 from 3 gives:
 - a. 1 3
- b. 3 1

- (11) 20% of 80 is:
 - a. 16
- b. 20
- c. 32
- d. 40

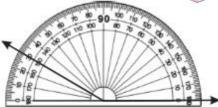
- (12) The answer of 4 + 32 ÷ 4 2 x 0 is :
- c. 11
- d. 12
- (13) The expanded form of the number 83792156 is
 - a. 80000000 + 3700000 + 92000 + + 100 + 50 + 6
 - b. 80000000 + 3000000 + 700000 + 90000 + 2000 + 100 + 50 + 6
 - c. 8300000 + 700000 + 90000 + 2000 + 100 + 50 + 6
 - d. 8000000 + 3000000 + 700000 + 90000 + 2000 + 100 + 50 + 6
- (14) The number which is divisible by a number other than itself and 1 is called
- c. Composite
- (15) Solution of 46.3211 13.83 correct upto one decimal place is
- b. 32.4
- c. 32.3
- d. 32.5
- (16) Sara was born on September 23, 2006. Calculate her age in years, months and dates on 18th March
 - a. 9 years, 5 months and 25 days
- b. 10 years, 6 months and 5 days
- c. 9 years 6 months and 5 days
- d. 10 years 5 Months and 18 days
- \bigcirc Anila divided 8 by $\frac{2}{3}$. Which operation shown below should produce the same result?
 - a. $\frac{8}{1} \times \frac{3}{2}$ b. $\frac{1}{8} \times \frac{2}{3}$ c. $\frac{8}{1} \times \frac{2}{3}$ d. $\frac{1}{8} \times \frac{3}{2}$

- (18) Zuhaib uses 1 ¼ litre of milk to make one cake. What is the total amount of milk he needs to make 6 cakes?
 - a. 6 litres
- b. b. 6 ¼ litres
- c. 7 1/2 litres
- d. 9 litres

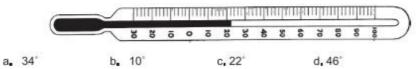




- (19) Look at the protractor and measure the angle:
 - a. 0
- c. 150°
- b. 30°
- d. 180°



20 Look at the given Celsius thermometer. What will be the temperature if it rises 12°C?



Solve these:

- The length of an ant is 1.7cm. What will be the total length of 120 ants going together? Write your answers in metre and centimetre.
- 22 Price of 8 books is Rs. 648. Calculate the price of 15 books.

A few students from Grade 4 covered a distance of 1.15km, 1.05km, 0.57km, 1.40km and 1.69km from their homes to school daily. Find the average distance from school to home.





- (24) Draw the following fractions: (You may use pencil and ruler)
 - a. 5/8

b. ⁷/₃

c. $1\frac{1}{4}$

- Ahmed, Hamza, Ehsan and Ali received Eid gifts. The total number of gifts is represented in the following picture graph where each = 5 gifts

Name	Number of Gifts	
Ahmed	000	
Hamza	西西西西西西	
Ehsan	**************************************	
Ali	市市市市	

Look at the graph and answer the following questions:

- Who got the most number of gifts? ______
- II. Who got more gifts, Ali or Ahmed _____
- III. How many gifts did Hamza and Ali get altogether? _____
- IV. Who got ten gifts? _____
- V. How many more gifts did Ahmed receive than Ehsan?



End of Mathematics







2.2

English

Q. Read the passage and answer the questions:

The bird is a flying feathered creature, with strong wings and legs. It can fly in the sky and travel long distances in the air. Its tail helps it to keep balance in the air, and the two legs for hopping. It lays eggs, and hatches the young ones. It builds nest on the trees, and eats insects, fish, grains, etc. There are various species of birds, some smaller and some bigger in size. They are of various colours. The tiny birds fly in flocks. The bigger size birds like eagle or the long necked cranes are fond of fish. The vultures are fond of flesh of dead animals. The owls can see even in darkness. Some of the beautiful birds are trained in cages by men.

27	The body of the bird	ls are covered with: b. Scales	c. Feathe	er d	Shell					
				.,	31011					
(28)		oirds fly in flocks" mea	Table 1, 600 (100 (100 (100)							
	a. Birds fly in pair	 b. Birds fly single 	c. Birds f	ly alone d.	Birds fly in group					
29	Some of the beautif	ul birds are trained in	cages by me	en .						
-	The underline word	in the sentence is								
	a. Verb	b. Adverb	c. Adject	rive d.	Noun					
(30)	It lavs eggs, and hate	ches the young ones.								
	The underline word									
	a. Verb	b. Adjective	c. Advert	b d.	Noun					
31)	Sound of the bird is	called								
0	a. Bark	b. Roar	c. Chirp	d.	Mew					
(32)	The opposite of "tin	y" is								
	a. Small	b. Huge	c. Little	d,	Many					
33	Which of the follow	ing sentence is gramm	atically corn	ect:						
~					ong. d. Birds sing a song.					
Q.	Read the poem and	answer the given que		up the spout						
		Down came the ra			out					
		Out came the su		N 10000 TO 188						
		IncyWincy spide		[] : (1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1						
	Incywincy spider climbed up the winter tree.									
	Down came the snow and made the spider freeze.									
	Out came the sun and melted all the snow. So incywincy spider had another go.									
34	This poem is about									
	a. Water	b. Sun	c. Spider	d.	Tree					

7





(35)	The rainy water dri	es up due to?		
$\overline{}$	a. Sunlight	b. Cloud	c. Tree Shade	d. Air
(36)	In which season, sp	ider climbed up the	tree?	
	a. Summer	b. Autumn	c. Winter	c. Spring
37)	What made spider	freeze?		
4500	a. Air	b. Water	c. Shade	d. Snow
(38)	The opposite of me	lting is		
	a. Boiling		c. Freezing	d. Heating
Q. Ci	rcle the correct answ	er:		
39	When she is asked,	shea s	ong.	
10.000	a. Singing	b. Sings	c. Sang	d. Sung
40		which is correctly p		
	a. Oh, I have c	ut my finger.	b. Oh: I have cut	my finger.
	c. Oh! I have o	ut my finger.	d. Oh! I have cut	my finger?
41)	The dog is			
	a. Bark	b. Barking	c. Barks	d. Barker
(42)	He is	astronaut.		
11.0000	a. of	b. to	c. an	d. a
43		t tense from the follo		
			b. Nadeem had g	
	c. Nadeem we	ent to Lahore.	d. Nadeem was g	oing to Lahore.
(44)	What is the noun o	f the verb "produce."		
	a. Production	b. Produced	c. Producible	d. Producing
45	The tube is filled _	wate	r.	
	a. By	b. Of	c. With	d. From
(46)	"Honesty" is an ex	ample of	noun.	
		b. Concrete	c. Proper	d. Abstract





47	The feminine of	of nephew is :		
	a. Niece	b. Sister	c. Cousin	d. brother
(48)	As brave as			
	a. Bear	b. Lion	c. Wolf	d. Fox
49	Tick the correc	t option.		
Ali ar	nd Sara lives in a	(village, vil	lages). There are many _	(houses, house) in the village
but o	only one	(schools, school)fo	r children. They study in	(class, classes) five. They take
two_		(pencil, pencils) and f	ew (erasers, er	aser) daily to the school to help other
child	ren.			
50	Write an appli sports day.	cation to your head to	eacher requesting him/he	er to provide sports funds for annual





(51) Write a story on the given picture between 200 – 250 words.

Use the key components of story: Title, Beainning, Characters, Problem, Solution/Ending



End of English





2.3



Q. Select the correct answer:

Which one is vertebrate? a. Snail b. Spider c. Starfish d. Snake Which of the following is a cause of ring worm? b. Fungi d. Protozoa a. Virus c. Bacteria The change of state from solid to liquid directly is called b. Evaporation d. Sublimation All are the luminous objects except d. Bulb b. Candle c. Moon Compass always points towards: a. North - South b. East - West d. North - East c. South - East The space between the molecules of the liquid is d. Larger than solid a. Same as in solid b. Larger than gas c. Same as in gas The natural satellite of earth is a. Sun b. Mars c. Venus d. Moon The main cause of air pollution is a. Burring fuel b. Fertilizers d. Garbage c. Forests Monocotyledon seed is b. Peanut d. Maize a. Peas c. Grain The droplet on the grass in the morning is called d. Rain b. Fog Which surface will offer more friction to the motion of a body a. Concrete b. Glass c. Wood d. Plastic All windows are opaque except a. Glass window c. Wooden window b. Steel window d. Iron window

c. Opening a door

d. Putting thread into needle

In which of the following acts, force is not involved

a. Turning a key in the lock

b. Smelling food cooking





- (65) Which statement is correct
 - a. Light travels slower than sound
- Light travels faster than sound
 Light and sound do not travel
- b. Light and sound have same speed
- All are the characteristics of mammals except

 a. Hair on the body

 c.

c. Feed the babies

- b. Give birth to babies
- d. Scales on the body
- (67) A cyclist bends forward and wears helmet to
 - a. Balance the cycle

c. Balance himself

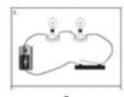
- b. Reduce air friction
- d. Increase the speed
- (68) A person standing in moving bus will fall forward suddenly when it stops due to :
 - a. Friction

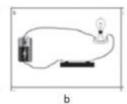
c. Gravity

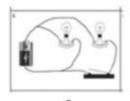
b. Inertia

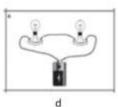
d. Air resistance

(69) Which circuit will give light?









- 70 Which type of worm is called Bio fertilizer?
 - a. Hook worm

c. Earth worm

b. Ring worm

- d. Tape worm
- (71) The cause of polio is
 - a. Fungi

c. Virus

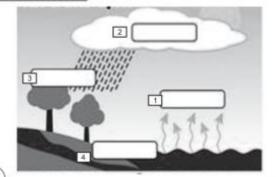
b. Bacteria

- d. Mosquito
- Which cycle is shown in the picture? _

Label the processes.

Define any two processes in this cycle.

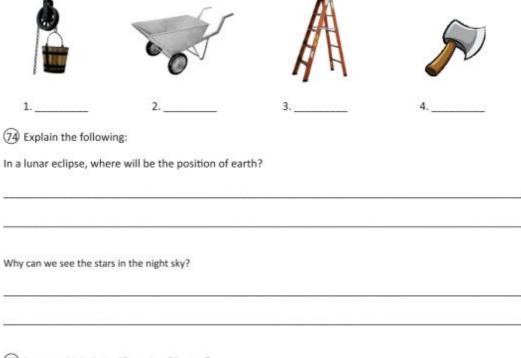
- 1. _____







(73) Write the name of any one of the simple machines used in the given pictures.



75 Draw and label the life cycle of Butterfly.

End of Science

13





1/100

سوال . درست جواب کے گرددائرہ) منائیں

(76) الفبائى ترتيب سے كھے كے الفاظ كاكرووب

ا چِکنا عَمَّلِين قَلابازي تَقْلَشْ ژالهباري ج چكنا خمكين ژالدباري تفكش قلابازي

"على صبح الستاب" السجيلي مين زمانه يايا جاتاب:

ماضي

ج۔ حال قریب

"جم كهانا كها يك تصر" اس جمل بين زمانه ياياجا تاب:

ماضي

ج۔ حال قریب

"وطن" کی جمع ہے:

وطنول

ج۔ اوطان

طلبا كاواحد:

طاليد

ج۔ طلبہ

(8) "فقير نوجوان كومعاف كردياء" كادرست متفاد جمله ب

ا۔ بادشاہ نے بوڑھے کومعاف کیا۔

ے۔ فقیر نے بوڑھے کوسزادی۔

"ابو کے درزی نے نانا کے کیڑے تا کردیے۔" درست مونث الفاظ کا جملہ ہے:

ا۔ ابو کے درزی نے نافی کے کیڑے ی کردیے۔

ج۔ ای کے درزی نے نانی کے کیڑے ی کروہے۔

ژالدباری فمگین قلابازی تخکش چکنا و چمکنا ژالدباری غمگین قلابازی سخکش

ماضى بعيد

ماضى بعيد

وطين

ب۔ فقیرنے نوجوان کوسزادی۔

و۔ بادشاونے بوڑھے کوسزادی۔

ب۔ ای کی درزن نے نانی کے کیڑے ی کرویے۔ ابوکی درزن نے نانا کے کیڑے ی کردیے۔





"واوا كتاخوبصورت يحول ب-" جمله بيجاني:

ب۔ تاسفی ا۔ استجابیہ

و۔ استفہامیہ ب۔ ندائیے

سوال ۔ اشتہار یر ھکرورج ذیل سوالات کے درست جواب کے گرودائر ہینائیں۔

اشتهار برائے داخلہ

ضلع بیثاورہے باہررہے والوں کے لیے سنہری موقع!

گورنمن کالج پٹاور نے امسال ایف ایس میں داغلے کے لیے پہا ک شتین خلع ہے باہر کے طلب کے لیے تفتی کردی ہیں۔ بیشتیں پہلیآ ہے پہلے پائے کی بنیاو پر پُد ڪ جائين گي۔

قارم داخلہ کا کے معیض ۱۰۰رو پیل سکتا ہے۔ قارم کی آخری تاریخ ۱۸ اگست ۲۰۱۵ ہے۔

ا۔ وہ تمام طلبہ فارم جمع کرانے کے اہل ہوں محے جنھوں نے میٹرک میں × ۰ ۸ نمبر ز حاصل کیے ہیں۔ ۲_طلبه کوکالج کاانٹری ٹمیٹ یاس کرنا ہوگا۔

(84) پاشتهار کيون ديا گيا ہے؟

ا: فين برهائے كے ليے

ج: وكرى كے ليے

85 يه اشتهاركس نے ديا ہے؟

ا: اخباروالولئے

ج: محكمه تعليم نے

86 يد اشتهاركس كے ليدد يا كيا ب؟

ا۔ ۲۰۸ نبرز کے ساتھ ایش کی طلب کے لیے

ج۔ ×۸۰۰ نبرز کے ساتھ میٹرک پاس طلب کے لیے

روزنامداخبار مئورند كم اگست ۲۰۱۵

ب: واخله کے لیے و: كمرے بنائے كے ليے

ب: ضلع پشاور کی انتظامیہ نے

د: کالج کے رئیل نے

ب- تمام مرك ياس طلبك لي و مرف پٹاور کے طلبے لیے





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(87) اس اشتہاری تاریخ بتائے۔
                                                                     ار ۸اگست۲۰۱۵
   ب. ١٨ أكت ٢٠١٥
                                                                    ج۔ ۲۸ اگست ۱۰۱۵
   ور ۱ اگست ۲۰۱۵
                                                       88 اس اشتهار كودية سادار كوكون سافا كده بوگا؟
                                                                                ابه تغلیمی
               ب-مالی
                                                                                ج_عددي
               و-تمام
                                                       سوال۔ نظم پڑھ کردیے گئے سوالات کے جوابات دیجے۔
                                 بمدردي
           بكبل ففاكو فى اداس ميشا
                                               شبنى يوسى شجر كى تنها
         أزنے تنکنے میں دن گذارا
                                         كهتا تفاكدات سربيآني
                                        پېنچون کس طرح آشیاں تک
           هرچيز په چهاعميااند حيرا
         جگنوکوئی پاس ہی سے بولا
                                             سُن کرنگیل کی آ ہوزاری
        کیژاہوںاگر چد میں ذراسا
                                       حاضر ہوں مدوکو جان وول ہے
           میں راہ میں روشنی کروں گا
                                     کیاغم ہے جورات ہے اندھیری
               تيكاك بجصد بإبنايا
                                            الله نے وی ہے جھے کوشعل
                        میں لوگ وہی جہاں میں ا<u>چھے</u>
                           آتے ہیں جو کام دوسروں کے
                                                          موضوع کے اعتبارے درج بالا کلام ہے۔
                                                                        اس كلام بين مكالمه
         ج۔ شاعراور کمل کا د۔
                                        ب۔ پکیل اور پھکنو کا
                                                        "بكبل تفاكوني اداس بيضا" ميس "بكبل " ب-
                                                                          مفعول
                                                                         جگنوراه می کرتاب
                      ب۔ روشن ع۔ اندھرا
                                                                         رہنمائی
انظار
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﴾ اس نظم کامرکزی خیال اسے اجملوں میں تحریر کریں۔	93)
	-
	220
﴾ <u>جمل</u> بنا ^ک یں	94)
وزاری:	,آ
وجال سے :	ول
نيال :	> 7
﴾ مترادف تكسين:	95)
اندهبرااندهبرا مشعل	3





96 اپنے والدکوآنے والی چھیٹوں کی سرگرمیوں ہے آگاہ کرنے کے لیے وطالکھیں۔	





97) جدید طریقہ ہائے قدرلیں کے بارے میں دواسا تذہ کے درمیان مکا کمتر کریں۔

₽ — End of Urdu — ₽

1. Teachers Competency Survey

Survey of Teaching 2016 – Teacher Observation Form

1.1 District		1 Sc	2 hool nam	ne									
1.3 EMIS code				1.4 Total no. o	of teach	ners			.5 tudents in	class	Boys present	Girls	present
1.6	Academ	ic qualific	ation at t	ime of app	ointme	nt		Pro	ofessional	qualificatio	n at time of appo	intment	
Teacher	Matric	Inter	BA	MA	С	ther	PTC		Dip Ed	СТ	ADE	B.Ed.	M.Ed
qualification& Date of Appointment	Date	Date	Date	Date	ו	Date	Date		Date	Date	Date	Date	Date
1.7	1	Current a	cademic	qualificatio	n			I	Curre	nt profession	onal qualifications	S	1
Teacher	Matric	Inter	BA	MA		ther	PTC		Dip Ed	СТ	ADE	B.Ed	M.Ed
qualification&	Date	Date	Date	Date		ate	Date		Date	Date	Date	Date	Date
Date of qualification													
1.8 Years teaching experie	1.8 Years teaching experience		1	1.9 Tea	icher's į	gender	Male	1		Female	,		
1.10 Multi-grade class	Yes / No	1.11 Su	bject				Ma	ths /	Engl	ish /	Science		
1.12 Topic of lesson		•											
1.13 Classroom	Separate classroom		nared ssroom	Verar	ndah	Ou	Other (specify) Dutside						
1.14	Tables &	Desl	ks &	Sitting on	Sitti	ng on	Other (s	pecify)					
Furniture & seating	chairs	bend	ches	tatt	bare	floor							
1.15					1.16								
Black/white	Good	Poor co	ndition	No board	Textb	ooks	А	II	Some		Very few	N	one
Board	condition	7001 00	mantion	available					ave	have	h	ave	

Lesson observation marking sheet

		Agree	Agree to some extent	Disagree	Evidence / Remarks
2 Less	on planning				
2.1	The teacher has a written lesson plan				
2.2	The teacher can explain the lesson plan in his/her mind				
2.3	Learning objectives are defined for the lesson				
2.4	Introduction, elaboration, summary and assessment are included in the plan				
Proced	lure of the lesson				
	Introduction				
3.1	Teacher introduces the topic of the lesson				
3.2	Teacher involves students in introduction				
3.3	Teacher refers to students' previous learning				
Elabor	ation and practice				
3.4	Teacher explains key points in an understandable way				
3.5	Teacher uses English as medium of instruction with supportive use of				
	Urdu and/or local languages				
3.6	Teacher uses black/white board to show and explain				
3.7	Teacher uses teaching aids to show and explain				
3.8	Teacher pauses to ensure that students have understood				
3.9	Teacher elicits content from students (does not do all the explanation him/herself)				
3.10	Teacher uses question and answer				
3.11	Teacher asks questions which help the students to think, understand, or find out				
3.12	Students answer individually, (and not in a chorus)				
3.13	Teacher passes questions on to other students				
3.14	Students ask questions and/or give comments				
3.15	Teacher encourages & welcomes questions from the students				
3.16	Teacher provides immediate and clear feedback				
3.17	Teacher gives tasks to the students				
3.18	Teacher does <u>not</u> ask individual students to read out loud				
3.19	Teacher does <u>not</u> ask class to repeat after reading of one student				

			Agree	Agree to some extent	Disagree	Evidence / Remarks
3.20	Individual st observe	tudents do <u>not</u> do a task on the board, while other students				
3.21		are working on a task				
3.22		nallenging and interesting for students				
3.23		e materials and/or teaching aids for the tasks				
3.24		ork on the tasks in groups or pairs or individually				
3.25		ists students working in groups, pairs or individually				
3.26		es not read from the textbook while students listen				
3.27		es <u>not</u> ask students to copy long sentences from the				
3.28		d learning activities are well structured			1	
3.29		es varied activities			†	
0.23	(e.g. a game	e/ role play/ involves students in demonstrations / drawing soutside, etc)				
3.30		es opportunities for active participation				
3.31		es account of differing abilities of students				
3.32	Classroom a	activities develop students' abilities to think and reflect				
	critically					
	Summary as	ssessment & homework				
3.33	Teacher rec	aps and summarises the lesson				
3.34	Teacher inv	olves students in recapitulation /summary				
3.35	Teacher ass	esses what students have learnt				
3.36	Teacher give	es meaningful homework				
4	Teaching &	learning environment				
4.1	Students are	e attentive and focussed on topic				
4.2	Students are	e participating actively in the lesson				
4.3		riendly and supportive to the students				
4.4		eps order in the classroom in a positive way				
4.5	-	arts/models are displayed				
4.6	Students' w	ork is displayed on the walls				
TOTAL	S (Total no. o	f "Agree", "To some extent", "Disagree")				
Observ	ver 1	Name	Signatur	е		
Observ	ver 2	Name	Signatur	е		

	Agree	Agree to	Disagree	Evidence / Remarks
		some extent		
Date	Time of a	arrival at school		
Date	Time of a	arrival at school		