

INFORMATION BROCHURE

With Application Form

For Admission to

**FULL TIME DIPLOMA PROGRAMMES
IN
POLYTECHNICS**

ACADEMIC YEAR, 2008

**BOARD OF PROFESSIONAL ENTRANCE EXAMINATIONS
JAMMU AND KASHMIR STATE**

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1. INTRODUCTION

The Board of Professional Entrance Examinations was established by the Act of State Legislature (Act No. XXV of 2002). Under the Act, the Board is entrusted with the task of conducting entrance tests and making selection of candidates for admission to various professional courses in the State of Jammu and Kashmir.

The Government of Jammu and Kashmir in its effort to create skilled and technical manpower to meet needs of changing times imparts technical education and technological skills through various courses of different levels. Full time diploma courses in engineering/technology, computer and information technology, occupational and secretarial/management based disciplines are offered at different Government Polytechnics and at privately managed polytechnics and institutions.

For the academic year 2008-09 the Board of Professional Entrance Examinations, shall make admission for the first semester of various full time diploma programmes either through entrance test or on the basis of academic merit of qualifying examination of the candidates depending upon the number of applications received for admission. That is to say, if the applications for admission are greater in number than the seats available, admission shall be made through entrance test. The Board shall issue advertisement notification separately if the entrance test is to be conducted.

Entrance examination shall be conducted in accordance with the provisions of the Board of Professional Entrance Examinations Act, 2002, Jammu and Kashmir Reservation Act, 2004, Jammu and Kashmir Reservation Rules, 2005, rules, orders, notifications and directions issued/to be issued by the Government of Jammu and Kashmir from time to time concerning higher technical education.

2. TERMS AND EXPRESSIONS USED IN THE INFORMATION BROCHURE AND THEIR MEANINGS

- (a) Available Seats :** The seats against which admissions are ordered by the Government of Jammu and Kashmir.
- (b) Qualifying Examination :** The examination on the basis of result of which candidates become eligible for admission to entrance examination.
- (c) Eligible Candidate :** A candidate who fulfills the requirements of eligibility as prescribed by the Board of Professional Entrance Examinations and the State Government.
- (d) Incomplete Form :** The form which is lacking in any documentary proof or is wrongly filled in or contains false information of any kind or suffers from any other incompleteness.
- (e) Late Receipt :** Application not received in the office of the Board of Professional Entrance Examinations within the time period as stipulated in the advertisement notification.
- (f) Advertisement Notification :** The notification issued by the Board of Professional Entrance Examinations inviting applications from eligible candidates for appearing in Entrance Test.
- (g) Application Form :** The form prescribed by the Board of Professional Entrance Examinations to be submitted by the eligible candidates for appearing in the Entrance Test.
- (h) Merit List :** The list of candidates, who appear in the Entrance Test, drawn up in the descending order of *inter-se* merit.
- (i) Private Educational Institutions :** The institutions/colleges established and/or administered by registered societies, public trusts or religious and charitable trusts offering professional courses and duly approved/recognized by the Government of Jammu and Kashmir and the relevant Professional Bodies / Organisations of the Govt. of India.

3. GENERAL INFORMATION AND INSTRUCTIONS

- 1.** It is expected that the candidates shall be sincere, honest and act responsibly while appearing in entrance examination and shall not adopt any unfair / fraudulent / cunning means in the examination. However, the candidates herein are sternly warned not to resort to any unfair / fraudulent means or act of impersonation. In case a candidate is found taking recourse to such acts, criminal prosecution shall be launched against the candidate besides debarring him / her permanently from appearing in the Entrance Examinations.
- 2. The candidates seeking admission to Entrance Examination are required to :**
 - (a) Go through Information Brochure carefully and acquaint themselves with all the requirements.
 - (b) Satisfy eligibility criteria prescribed for appearing in the entrance examination.
 - (c) Send Application duly filled in, in the prescribed form, given along with this Information Brochure. Application submitted on a copy / photocopy of application form will be summarily rejected.
 - (d) Write complete address with Postal Pin Code, Telephone No., Email address, if any, in the Application Form. The candidate is required to mention in the postal address the District to which he/she belongs.
- 3.** The candidates applying for admission, if found eligible, will be required to appear in the Entrance Test at their own expenses.
- 4.** Selection of candidates in all the categories shall be subject to production and verification of all the relevant certificates in original.
- 5.** No intimation whatsoever about non-selection will be sent individually and no correspondence in this regard shall be entertained. The result will, however, be available in the offices of the BPEE at

Jammu and Srinagar for information and perusal of the candidates. The result will also be available on Internet at the website of the Board **www.jakbpee.nic.in**

6. The Board shall have the power to review the provisional selection in case of any bonafide error, lapse, mistake, fraud, misrepresentation or glaring injustice that occurs or is brought to its notice before completion of the selection process or thereafter and the selection list will be amended accordingly. Mere figuring in the selection list shall not confer any right on the candidate if he / she is otherwise found to be ineligible on detection of an error / mistake / fraud / misrepresentation.
7. Complaints relating to certificates, particularly those of reserved categories will not be entertained as BPEE is not an appellate authority or an investigating agency.
8. OMR Answer Sheets of candidates are machine graded and scanned/scrutinized repeatedly with extreme care. As such there shall be no re-evaluation/ rechecking of OMR Answer Sheets. Nor shall the Board display answer keys of question papers of the Entrance Examination. No correspondence in this regard will be entertained.
9. All disputes pertaining to the conduct of the test and admission shall fall within the jurisdiction of courts located at Jammu and Srinagar.
10. No refund of fee is permissible.

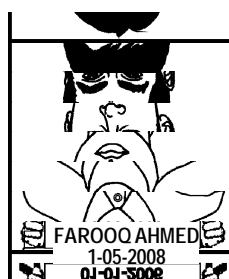
Destruction of Examination Records by Burning :

1. The unused question booklets shall be destroyed after three months, after the declaration of the result.
2. The answer sheets, used and un-used shall be destroyed in the manner as prescribed for the unused question booklets.
3. Application forms of the non-selected candidates shall be destroyed in the manner as prescribed for the question booklets and answer sheets.

Instructions for Photographs

1. Four recent high contrast passport size similar photographs with light background are required. Polaroid photographs are NOT acceptable.
2. Photograph MUST be snapped on or after 1-05-2008.
3. Photograph must be taken with name of candidate (as in application) and date of taking photograph.

Example



Important : (i) The photograph must be snapped with a placard indicating name of candidate and date of taking photograph. In case name and date are written on the photograph after taking it, the application form will be rejected; (ii) The name and date on the photograph must be clear and legible.

4. Photograph should NOT have cap, goggles. Spectacles are allowed.
5. One photograph each should be pasted (NOT stapled) on (a) Scannable Application Form (b) Non-Scannable Application Form.
6. The photograph on the Non-Scannable Application Form must be attested by a Gazetted Officer/Principal with a clear stamp. The photograph on the Scannable Application Form is NOT to be attested.
7. Applications not complying with these instructions or with unclear photographs will be rejected.
8. The candidates should submit two more photographs alongwith the application form. Application form number should be written at the back side of the photographs.

PROGRAMMES OFFERED AND INTAKE CAPACITY

Brief details of the programmes offered and approved intake capacity in various Polytechnics for the academic year 2008-09 are as follows :-

Jammu Division

S. No.	Name/Address of the Institution	Courses	Intake	Seats to be filled by BOPEE	Maximum limit of Mgt. seats 15% to be filled by the managements
1.	Govt. Polytechnic Vikram Chowk, Jammu	Civil Engg.	40	40	Nil
		Electrical Engg.	40	40	Nil
		Mechanical Engg.	40	40	Nil
		Automobile Engg.	30	30	Nil
		Architecture Assistt.	30	30	Nil
		Computer Engg.	30	30	Nil
		Travel & Tourism	45	45	Nil
		Instrument & Control	30	30	Nil
2.	Govt. Women's Poly Lower Shiv Nagar Near A.Gs. Office Jammu	Electronics & Comm.	30	30	Nil
		Modern Office Practice	30	30	Nil
		Computer Engg.	30	30	Nil
		Textile Designing	30	30	Nil
		Medical Lab Tech.	30	30	Nil
3.	NITS Polytechnic Indira Nagar Miran Sahib Jammu-181101	Civil Engineering	60	51	09
		Electrical Engg.	60	51	09
		Mechanical Engg.	60	51	09
		Electronic & Comm.	60	51	09
		Computer Engg.	60	51	09
		Information Tech.	60	51	09
		Architecture Assistt.	60	51	09
		Travel & Tourism	60	51	09
4.	Institute of Engg. & Computer Sciences (IECS) Purkhoo Camp, Domana, Jammu	Civil Engg.	60	51	09
		Electrical Engg.	60	51	09
		Mechanical Engg.	60	51	09
		Electronic & Comm.	60	51	09
		Computer Engg.	60	51	09
		Information Tech.	60	51	09
5.	North Polytechnic (NP) Purkhoo Camp, Domana, Jammu.	Civil Engineering	60	51	09
		Mechanical Engineering	40	34	06
		Electrical Engg.	40	51	09
		Electronics & Comm.	40	34	06
		Computer Engg.	60	51	09
		Architecture Assistt.	40	34	06
		Information Technology	60	51	09
		Diploma Pharmacy	60	51	09
6.	Kalamkari Vocation Oriented Women's Polytechnic Upper Paloura, Jammu.	Architecture Assistt.	30	26	04
		Fashion Designing	30	26	04
		Textile Designing	30	26	04

Kashmir Division

1.	Kashmir Govt. Polytechnic Gogji Bagh, Srinagar	Civil Engg.	60	60	Nil
		Electrical Engg.	30	30	Nil
		Mechanical Engg.	30	30	Nil
		Electronics & Comm.	30	30	Nil
		Automobile Engg.	30	30	Nil
		Computer Engg.	45	45	Nil
		Leather Technology	30	30	Nil
		Wood Technology	30	30	Nil
2.	Govt. Women's Poly. Bemina, Srinagar	Computer Engg.	30	30	Nil
		Garment Tech.	30	30	Nil
		Electronics & Comm.	30	30	Nil
		Modern Office Practice	30	30	Nil
		Medical Lab Tech.	30	30	Nil
		Food Technology	30	30	Nil
		Textile Technology	30	30	Nil
3.	S.S.M. Polytechnic Parihaspora, Pattan, Kashmir.	Civil Engineering	40	34	06
		Electrical Engg.	60	51	09
		Mechanical Engg.	20	17	03
		Electronics & Comm.	60	51	09
		Computer Engg.	60	51	09
		Information Tech.	60	51	09
4.	Kite Polytechnic Wavoosa Rangreth Kashmir	Civil Engineering	40	34	06
		Electrical Engg.	40	34	06
		Mechanical Engg.	60	51	09
		Electronics & Comm.	40	34	06
		Information Tech.	30	26	04
		Computer Engg.	40	34	06
		Architecture Assistt.	40	34	06
5.	Masterpro Institute of Technology, Nowgam, Srinagar	Civil Engg.	40	34	06
		Electrical Engg.	60	51	09
		Mechanical Engg.	40	34	06
		Electronics & Comm.	60	51	09
		Computer Engg.	40	34	06
6.	Royal Polytechnic Behind Amar Singh College, Gogji Bagh Srinagar	Computer Engg.	40	34	06
		P.H.E. (Civil Engg.)	40	34	06
		Medical Electronics	40	34	06
		Quantity Surveying (D/Man)	40	34	06

Ladakh Division

1.	Govt. Polytechnic, Kargil	Computer Engg.	30	30	Nil
		Electrical Engg.	30	30	Nil
		Information Tech.	30	30	Nil
2.	Govt. Polytechnic, Leh.	Computer Engg.	30	30	Nil
		Civil Engg.	30	30	Nil
		Travel, Tourism & Hotel Mgt.	30	30	Nil

4. ELIGIBILITY FOR ADMISSION :-

Candidates applying for admission to Diploma Courses in Polytechnics must fulfill the following eligibility conditions :-

1. Must be State Subjects.
2. Have passed Secondary School Examination (Matric or equivalent examination) from a recognized statutory Board/University.
3. Have obtained 40% marks in 10th class in case of general category candidates and 37% marks in case of reserved categories candidates.
4. Have passed Science and Math subjects in 10th Class examination.
5. In case of non-State Subjects, candidates must have passed 10th class examination with 40% of marks alongwith Science and Math subjects. Admission of candidates from other states shall be made only against seats which remain vacant after admitting all the State subject candidates.

Note 1. Candidates who have appeared for their qualifying examination and awaiting results are also eligible to apply but their admission/selection shall be subject to the production of proof of having acquired minimum prescribed qualifications at the time of issue of Admit Cards.

Note 2. Candidates who are placed in compartment shall not be eligible for admission.

Age Limit

There will be no age bar for admission in Polytechnics, both Government and Private.

Duration of the Diploma course

All Polytechnic Diploma Courses are of three years duration except Fashion Designing and Quantity Surveying (Draftsman). The duration of Diploma Courses in Fashion Designing and Quantity Surveying is two years.

Seat allocation

In the Government Polytechnics all the sanctioned seats shall be filled by

the Board. In private Polytechnics 85% of seats shall be filled up by the Board and remaining 15% of seats shall be filled by Managements of private institutions. Management seats shall be filled up according to the directives of the Supreme Court.

In Govt. Women's Polytechnic Lower Shiv Nagar, Jammu and in Govt. Women's Polytechnic Bemina, Srinagar only female candidates shall be admitted. In Govt. Polytechnic Jammu 15 seats are reserved for female candidates in Travel and Tourism Branch. In Kashmir Govt. Polytechnic, Srinagar, 15 seats are reserved for female candidates in Diploma Course in Computer Engineering.

5. RESERVATION

There shall be no reservation of seats in the private polytechnics. The reservation in the Government Polytechnics shall be as under :-

Category codes	Code	% Reservation
Open Merit – (OM)	06	50%
Schedule Castes – (SC)	07	8%
Scheduled Tribes–Gujjar & Bakerwal–(STGB)	08	6%
Scheduled Tribes of Leh–(STL)	09	2%
Scheduled Tribes of Kargil–(STK)	10	2%
Other Scheduled Tribes–(STO)	11	1%
Weak & Under Privileged Classes (Social Castes)	12	2%
Residents of Backward Area–(RBA)	13	20%
Residents of Area Adjoining Actual Line of Control–(ALC)	14	3%
Children of Defence Personnel, Army, Navy, Air Force who are permanent Residents of the State– (CDP)	15	3%
Sports Category–(SP)	16	2%
Children of State Police Personnel and Para Military Forces who are permanent Residents of the State–(JKPM)	17	1%

Benefit of reservation shall be available only if the category to which a candidate belongs is mentioned in the original application form. Thereafter no request at any stage for changing the category shall be entertained.

Reserved category certificate in the name of the applicant from the competent authority shall have to be submitted at the time of submission of application form without which the application will be considered under general category. A list of authorities competent to issue certificates for various reserved categories is given at Annexure I.

6. FEE STRUCTURE

Government Polytechnics

Rs. 2230/- per annum

Private Polytechnics

1. Tuition Fee (Including Development Fund) Rs. 10,000/- per annum
2. Students Aid Fund (to enable the management of the polytechnics to pay scholarship to the meritorious students belonging to economically weaker sections of the society, which should form at least 10% of the intake capacity in each course) Rs. 500/- per annum
3. Refundable Security Payable only once at the time of admission in Ist year.
 - (a) College Security Rs. 500/-
 - (b) Library Security Rs. 500/-

The fee indicated above shall be inclusive of all the fee. No other fee shall be charged by the institution from the students in the name of admission fee, sports fee or any other fee. The fee payable to the J&K State Board of Technical Education on account of examination/registration etc. shall be charged extra as per the actual rates fixed by the Board.

7. APPLICATION FORM

(a) How to Get :

The application form with the Information Brochure is made available at all District Headquarters in the specified Branches of the Jammu & Kashmir Bank Ltd. against a fee of Rs. 250/-. In addition to the above fee of Rs. 270/-, candidate shall have to pay such service charges as may be fixed by the Bank. The Branches of the J&K Bank where application forms shall be available will be specified in the advertisement notification.

The examination fee is non-refundable. If a candidate who applies for admission/sitting in the Entrance Test is later found ineligible, he/she cannot claim refund of the fee paid by him/her.

(b) ON LINE Submission of Application Forms.

- (i) Please read the instructions and procedures carefully before you start filling the form :
- (ii) Examination fee **Rs. 270/-** (Rupees three hundred only)
- (iii) Please note that the entries/options filled by you in this form cannot be changed at later stage.
- (iv) Please note that your name and your date of birth should be exactly the same as recorded in your High School (Standard X) Certificate. Any departure, whenever discovered, may lead to cancellation of your candidature;
- (v) After successful submission of Online Application Form, a Registration Number along with confirmation page will be generated by the Computer;
- (vi) Candidates are advised to take printout of confirmation page and paste his/her two recent **photographs (as given at point (vii))**

below), sign in the specified box and send this confirmation page along with Demand Draft by Registered/Speed Post/By Hand **(NOT BY COURIER) TO Secretary, Board of Professional Entrance Examinations, Bahu Plaza Jammu/9-A Poloview, Srinagar** for further processing.

(vii) **Photograph** : Firmly affix two recent high contrast passport size preferably black and white photographs (taken on or after 1.5.2008 with gum/fevicol (not to be pinned or stapled) in the space provided for it in the Application Form, one duly attested by the head of the Institution where the candidate had studied or the Gazetted Officer. The photograph must indicate clearly the name of the candidate along with the date of taking the photograph. It should be without cap or goggles. Spectacles are allowed. Polaroid photos are not acceptable. The photograph of the candidate should be attested by the Principal/Head of the Institution or Gazetted Officer in such a way that part of the signature is on the photograph and remaining part of the signature is on the application form. Attestation should be done on the bottom part of the photograph so that the photograph is not defaced. Candidates not complying with these instructions or with unclear photograph are liable to be rejected. Candidates may keep 6-8 identical photographs in reserve for use at the time of Entrance Examination/Counselling/Admission.

(viii) Candidates submitting applications online are required:

- (a) to attach all the required certificates/documents as mentioned in Notification which is also available on our Website.
- (b) to attach Demand Draft of required fee in favour of FA/CAO, BPEE, Jammu payable at RCC Jammu/Srinagar
- (c) to mention his/her Registration No., Name, and Address on the backside of the Demand Draft.

- (d) to retain a photocopy of confirmation page for future reference
 - (e) to retain a photocopy of the Demand Draft sent.
 - (f) The processing of submitted on line applications will begin only after receiving confirmation page and Demand Draft.
 - (g) Admit Card/Acknowledgment format available on the website be downloaded and attached with the computer generated application form.
- (ix) Procedure for filling the Application Form
- (a) After reading the instructions and procedure, click at the bottom of this page “Click here to Proceed” to view the online Application Form.
 - (b) At the end of the form, there is a “Submit Form” button. Click this button once only. It takes time for the computer to process the information. On pressing “Submit Form”, the information you have provided shall be taken into our system. If you do not provide any of the information, the system shall return the form to you, prompting you to fill in the same.
 - (c) After successful validation, an intermediate page containing all information will be shown for review. If you would like to change any information entered, you may do so by pressing ‘BACK’ button. After making necessary correction please press ‘Submit’ button for final submission.
 - (d) Best view in IE 5.0 and above and with 800 × 600 resolution.
- (c) How to fill up :**
- (i) Fill in the application form in BLOCK LETTERS in English, using blue/ black ball point pen, within the prescribed boxes.

- (ii) Incomplete application forms will be rejected. Besides, any overwriting, cutting or erasing in the application form will lead to rejection of the form and must therefore, be avoided. Any error arising on this account shall be the responsibility of the candidate.
- (iii) Candidate must write his/ her name and father's name in capital letters as given in matriculation certificate issued by the competent Board of School Education. Each letter should be filled in one box as shown below. One box should be kept blank between each part of the name. Before filling in the application form, write on a plain paper and ascertain the correctness of spellings.

M	O	H	A	N		S	I	N	G	H		
---	---	---	---	---	--	---	---	---	---	---	--	--

Father's Name

R	A	M		S	I	N	G	H				
---	---	---	--	---	---	---	---	---	--	--	--	--

(iv) Date of Birth

Enter the Date, Month and Year of birth as per English Calendar and as recorded in the Matriculation Certificate. Use numerals 01 to 31 for the date, 01 to 12 for the month and last two digits for the year as shown below :

3rd of November, 1970

10th February, 1974

0	3	1	1	7	0	1	0	0	2	7	4
---	---	---	---	---	---	---	---	---	---	---	---

Certificates to be submitted with the application form

Attested photostat copies of the following certificates should be attached with non-scannable copy of the Application Form

1. Marks certificate of the qualifying examination.
2. Date of birth as given in the (Matriculation Certificate/Secondary School certificate) of a recognized School Board or the University.

3. Certificate of being a Permanent resident of Jammu and Kashmir State.
4. Category certificate (in case the candidate seeking admission under any of the reserved categories).

Certificate of belonging to any reserved category on proper proforma alone shall be entertained.

5. Selected candidates shall have to produce all the certificates in original at the time of admission or as and when asked by the BPEE.

How to Submit

- (i) Filled in application form complete in all respects can be submitted personally at the office of the Board of Professional Entrance Examinations, 9–A Polo-View, Srinagar (Kashmir) or 4th Floor, South Block, Bahu Plaza, Jammu–180012 against receipt during working hours on or before the last date fixed for submission of application forms.
- (ii) Application Form can also be sent by Registered Post/ Speed Post in the name of the Controller of Examinations, BPEE at Jammu and Srinagar on the address as indicated above at (i). Application Forms received after the prescribed last date by whatever mode, including registered and speed post will not be entertained, nor will those forms be returned to the concerned candidates.
- (iii) If an application form is sent through post and is lost in transit or does not reach the office of the Board or reaches the office of the Board after prescribed date due to postal lapses/delays, the Board shall not accept any responsibility for the same.

8. ADMIT CARD

1. The computerised admit card allotting the roll no. and centre of the entrance test will be issued to the candidates.
2. Admit card shall be issued only to the eligible candidates. Mere possession of admit card shall not ipso facto confer eligibility on a candidate who is otherwise not eligible for appearing in entrance examination.

3. No candidate shall be admitted to enter Examination Hall/Venue of Examination without valid admit card in original issued by the Board.
4. Admit card is an extremely important document. It should not be mutilated, defaced or any entry of it changed in any manner to make it doubtful.
5. Candidates shall have to collect admit card from the offices of the Board located at Srinagar and Jammu prior to the date of the entrance examination. The dates for the issue of admit cards shall be announced by a separate notification to be published atleast in two leading English Newspapers of the State. No separate intimation shall be sent to individual candidates for collection of admit card.
6. Candidates shall have to preserve admit card till the allotment of seats/ completion of selection / admission process.
7. Duplicate admit card shall be issued only before the conduct of entrance examination and in no case after the conduct of examination.
8. Candidate seeking a duplicate admit card shall have to submit an affidavit, quote his/her application form number, enclose a passport size photograph duly attested by a gazetted officer and adduce proof of submission of application form in the office of the Board.

9. CONDUCT OF ENTRANCE TEST

(a) Centres of Examination

1. The Entrance Test shall be held at the centres as may be specified by the Board in the cities of Srinagar and Jammu only.
2. Centres shall be allotted by the BPEE and the information regarding this shall be provided to the candidates on the admit card.
3. The Centre of Examination once allotted shall not be changed under any circumstances.
4. The medium of test will be English only.

5. For those who are unable to appear in the test on the scheduled date for any reason, the Board will not hold re-test under any circumstances.

(b) Scheme of Examination :

There shall be two test papers of one and a half hours duration each. Paper 1 (Code 01) shall comprise Physics and Chemistry. Paper 2 (Code 02) shall be based on Math. Each paper shall contain 70 objective type questions. Every question will be provided with four alternative answers marked (1), (2), (3) and (4). Of these only one correct or most appropriate answer should be selected and marked on the OMR sheet.

(c) Syllabus :

The question papers for the entrance examination shall be based on the syllabus of the qualifying examination i.e. 10th class. Contents of the syllabus are given at Annexure II.

(d) Nature of Question Paper

1. The question paper shall be objective type containing Multiple Choice answers. It contains several pages stapled together in one cover. The questions are based on knowledge, understanding and application of the relevant subject. Each question carries one mark and all questions are compulsory. There is no negative marking.
2. Each question booklet is numbered. Before starting to answer the questions, please check the booklet thoroughly. In case of defects like missing question/questions, the booklet shall be replaced with the same series by the Invigilator. No complaint shall be entertained after the test.
3. Do not open the seal containing question booklet until you are asked to do so.
4. Write your Roll Number on the cover page of the question booklet at the space provided for the purpose.
5. Candidates should not make any type of marking on the question booklet. Paper for rough work is included in the question booklet.

6. Each question paper has four series, which are in alphabets i.e. A, B, C, D printed on the cover page of the question booklet. The candidates may or may not get the same series for both the papers. At the end of the test, candidates can take the question booklets with them.

(e) Nature of OMR Answer Sheet. (Annexure III)

1. The OMR Sheets are used in order to simplify the procedure of evaluation of the answer sheets and also to ensure highest accuracy. Each circle on the OMR sheet has an alphabetical or numerical value. So a small mistake in shading the round spot on the circle may make a big mistake.
2. The answer sheet will be supplied to the candidates in the examination hall.
3. At the top of the answer sheet, there are few blanks which are to be filled in carefully.
4. Write question booklet number, booklet series, subject code and Roll Number in numerals and also darken the appropriate circles.
5. Write your name, date of birth (DD, MM, and YY for date, month and year respectively).
6. Write the given certification statement in your running handwriting in English and append your signature and left hand thumb impression at the space provided for the purpose on your answer sheet. This certificate is to be authenticated by the Invigilator and the Supervisor of the examination centre.
7. Complete the formalities and wait for the signal to start, tear open the seal, open the question booklet, begin reading and answering the questions.
8. You don't have to write your answers or mark them in the question booklet. Each question is followed by four responses *i.e.* 1,2,3, and 4; of which only one is correct or the most appropriate response. Indicate the correct response by darkening the appropriate circle completely with black or blue ball point pen on the answer sheet.

For Example Q. 11

Hydrabad is the capital of the State of :

1. Karnataka
2. Tamil Nadu
3. Adhra Pradesh
4. Kerala

- The *correct response* is (3). Locate the question number in the Answer Sheet and darken the circle under column (3) as shown below.

A

10	①	②	③	④
11	①	②	●	④
12	①	②	③	④
13	①	②	③	④

Correct way of answering

- Ensure that the circle is completely darkened. Incomplete or faintly darkened circle will be *rejected* by the *Optical Scanner* and will be treated as a wrong method of marking and consequently no mark will be awarded for the same.
- If more than one circle is darkened or if the response is marked in any other manner as shown at 'B' below, it shall be treated as *wrong*.

B

27	○	●	○	●
28	○	○	◐	○
29	○	✓	○	○
30	○	○	✗	○
31	◑	○	○	○

Incorrect way of answering

(f) Instructions

Candidates are required to go through the instructions given below carefully.

1. The examination centres will open one hour before the commencement of the test on each day of examination.
2. Candidates are expected to be in their seats at least 35 minutes before the commencement of the examination on each day/shift.
3. Candidates who do not possess the Admit Card will not be allowed to sit in the examination hall under any circumstances. This card must be shown on demand.
4. No textual material, printed/handwritten, will be allowed in the hall. Candidates are advised not to carry any such material in the examination hall.
5. No candidate shall be allowed to enter examination hall for appearing at examination after the distribution of answersheets.
6. The candidates are not allowed to bring mobile phones/calculators/pocket transistors/electronic watches with facilities of calculator/slide rules, any form of table or any other such aid.
7. Tea Coffee, Cold Drinks or snacks are not allowed in the examination hall during the course of examination.
8. Smoking in the examination hall is not allowed.
9. The candidate must sit in the seat allotted to him/ her.
10. In no case will any candidate change his/ her seat.
11. No candidate will leave the hall before the expiry of full time duration prescribed for the examination and without handing over answer sheet to the Invigilator on duty.
12. No person/ persons other than those authorized by the BPEE shall be allowed to enter the examination hall.

13. Amanuensis will not be allowed.
14. The candidate's misbehaviour in any manner in the examination hall shall entail him/ her disqualification. Any disturbance in the examination hall shall be deemed as misbehaviour and the candidates shall forfeit the right to continue to sit in the examination hall. The decision of the centre Supervisor shall be final.

Time activity schedule for the candidates in the examination hall on each day/ shift of examination :

For Paper-I

- 9:25 am Reporting Time
- 9:30 am The Invigilator shall ascertain the identity of each candidate by comparing his / her facial appearance with the photographs given in the admit card and attendance sheet. The centre Supervisor shall also check the identity of the candidates and ensure that only the genuine candidates have been allowed to sit in the examination hall and there is no case of impersonation.
- 9:45 am Candidates will be given answer sheets. They will go through instructions printed and fill in the particulars on the answer sheet.
- 9:55 am They will be given question booklet. The question booklet number is to be entered on the answer sheet.
- 10:00 am They will break open the seal of the question booklet and start attempting the questions.
- 11:30 am Paper-I ends
- The candidate will remain in their seats.
- They will hand over the answer sheets to the Invigilator and leave the examination hall only when they are asked to do so.

Note :- After distribution of answer sheets no candidate shall be allowed to go out of the examination hall under any circumstances.

For Paper-II

1:25 pm Reporting Time

1:30 pm The Invigilator shall ascertain the identity of each candidate by comparing his / her facial appearance with the photographs given in the admit card and attendance sheet. The centre Supervisor shall also check the identity of the candidates and ensure that only the genuine candidates have been allowed to sit in the examination hall and there is no case of impersonation.

1:45 pm Candidates will be given answer sheets. They will go through instructions printed and fill in the particulars on the answer sheet.

1:55 pm They will be given question booklets. The question booklet number is to be entered on the answer sheet.

2:00 pm They will break open the seal of the question booklet and start attempting the questions.

3:30 pm Paper-II ends

The candidate will remain in their seats.

They will hand over the answer sheets to the Invigilator and leave the examination hall only when they are asked to do so.

10. PREPARATION OF MERIT LIST

1. Merit List shall be prepared on the basis of marks obtained (aggregate) in qualifying examination (10th Class) by the candidates in case entrance examination is not conducted.
2. If the entrance examination is conducted, the selection of candidates for admission to the programme will depend on their performance at the entrance test and eligibility. The Board shall prepare lists in order of inter-se merit of candidates in the entrance test in descending order for the General category and for each Reserved category separately.

3. For purposes of allotment of seats to the reserved categories candidates in Government Polytechnics, inter se merit within each Reserved Category shall be taken into consideration.
4. In the event of the number of candidates belonging to a Reserved Category being less than the number of seats available for the category, the resultant vacancies shall be filled from amongst the candidates figuring in the Open Merit Category strictly in order of merit.
5. In case two or more candidates have obtained the same number of marks or percentage of marks in the qualifying examination or the entrance test, as the case may be, the inter se merit of such candidates shall be determined by taking into account :
 - Marks obtained in Math in the qualifying Examination or the entrance test, as the case may.
 - In case the marks obtained in Math happen to be the same, marks obtained in Math & Science together in the qualifying examination or entrance test, as the case may be.
 - In case the marks obtained in Math and Science happen to be the same, candidate(s) older in age shall be given precedence in the Merit List.

11. DECLARATION OF RESULT AND PUBLICATION OF THE MERIT LIST

Merit lists prepared as above will be published in the leading newspapers of the State. The result will also be put on the website of the Board **www.jackbpee.nic.in**

Shortfall in respect of casual vacancies, if any, received by the Board shall be filled up by changing the streams of the candidates in order of their merit and choices and residual casual seats which become available thereafter shall be allotted on the basis of merit. The whole exercise of upgradation and filling of residual seats shall be undertaken through counselling process.

ANNEXURE-I**COMPETENT AUTHORITIES FOR RESERVED
CATEGORY CERTIFICATES**

The Category certificate to be obtained from the following authorities :-

S. No.	Category	Authorized Officers to issue certificates
(I)	Scheduled Castes	Revenue officer not below the rank of Tehsildar
(II)	Scheduled Tribes	Revenue officer not below the rank of Tehsildar
(III)	Socially & Educationally Backward Classes	Revenue officer not below the rank of Tehsildar
(IV)	Weak and Under-Privileged Classes (Social Castes)	Revenue officer not below the rank of Tehsildar
(V)	Residents of Area Adjoining Actual Line of Control	Revenue officer not below the rank of Tehsildar
(VI)	Resident of Backward Area	Revenue officer not below the rank of Tehsildar
(VII)	Para-Military Forces	Commanding officer of the Unit not below the Rank of DIG
(VIII)	Children of Permanent Residents of Paramilitary Forces & State Police Personnel serving in the State	Commanding Officer of the Unit not below the rank of DIG
(IX)	Candidates Possessing outstanding Proficiency in Sports	Secretary, J&K Sports Council
(X)	Ex-Servicemen and Children of Defence Personnel.	Zila Sainik Board/Commanding Officer of the concerned Unit.

ANNEXURE-II

CATEGORY	CODES
(i) Open Merit (OM)	A. 06
(ii) Scheduled Caste (SC)	B. 07
(iii) Scheduled Tribes Gujjar & Bakerwal (STGB)	C. 08
(iv) Scheduled Tribe Leh. Distt. (STL)	D. 09
(v) Scheduled Tribe of Kargil Distt. (STK)	E. 10
(vi) Other Scheduled Tribes (STO)	F. 11
(vii) Weak and under privileged classes (Social Castes)	G. 12
(viii) Resident of Backward Area (RBA)	H. 13
(ix) Residents of Area Adjoining Actual Line of Control (ALC)	I. 14
(x) Children of Defence Personnel (Permanent Residents of J&K State) (CDP)	J. 15
(xi) Outstanding Proficiency in Sports (SP)	K.16
(xii) JKPM	L.17

ANNEXURE-III

USE BLACK/BLUE BALL POINT PEN ONLY ANSWER SHEET	Answer Sheet No. _____
POLYTECHNIC DIPLOMA ENTRANCE EXAMINATION-2008	

INSTRUCTIONS FOR MARKING ANSWERS

1. Use only Blue or Black Ball Point Pen to fill this Answer Sheet.
2. Darken only one circle for each question as shown in the example below. Marking should be dark and the circle is to be filled in completely as shown in the example below.



3. Mark your answer only in the space provided. Please do not make any stray marks on this answer sheet.
4. Rough work must not be done on this Answer Sheet. Use rough sheets provided at the end of the question booklet for rough work.
5. Mark your answer only in the appropriate circle against the corresponding number to the question you are answering.
6. Mark your Question Booklet No., Roll No., Date of Birth and Question Booklet series correctly.
7. There is no negative marking for wrong answer.

NAME OF THE CANDIDATE (IN CAPITAL LETTERS) _____	PAPER CODE PAPER I <input type="radio"/> PAPER II <input type="radio"/>
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ROLL NUMBER						QUESTION BOOKLET NUMBER						DATE OF BIRTH				QUESTION BOOKLET SERIES CODE
D	D	M	M	Y	Y											
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	A <input type="radio"/>
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	B <input type="radio"/>
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	C <input type="radio"/>
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	D <input type="radio"/>
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	

ANSWERS

1	1	2	3	4	21	1	2	3	4	41	1	2	3	4	61	1	2	3	4
2	1	2	3	4	22	1	2	3	4	42	1	2	3	4	62	1	2	3	4
3	1	2	3	4	23	1	2	3	4	43	1	2	3	4	63	1	2	3	4
4	1	2	3	4	24	1	2	3	4	44	1	2	3	4	64	1	2	3	4
5	1	2	3	4	25	1	2	3	4	45	1	2	3	4	65	1	2	3	4
6	1	2	3	4	26	1	2	3	4	46	1	2	3	4	66	1	2	3	4
7	1	2	3	4	27	1	2	3	4	47	1	2	3	4	67	1	2	3	4
8	1	2	3	4	28	1	2	3	4	48	1	2	3	4	68	1	2	3	4
9	1	2	3	4	29	1	2	3	4	49	1	2	3	4	69	1	2	3	4
10	1	2	3	4	30	1	2	3	4	50	1	2	3	4	70	1	2	3	4
11	1	2	3	4	31	1	2	3	4	51	1	2	3	4					
12	1	2	3	4	32	1	2	3	4	52	1	2	3	4					
13	1	2	3	4	33	1	2	3	4	53	1	2	3	4					
14	1	2	3	4	34	1	2	3	4	54	1	2	3	4					
15	1	2	3	4	35	1	2	3	4	55	1	2	3	4					
16	1	2	3	4	36	1	2	3	4	56	1	2	3	4					
17	1	2	3	4	37	1	2	3	4	57	1	2	3	4					
18	1	2	3	4	38	1	2	3	4	58	1	2	3	4					
19	1	2	3	4	39	1	2	3	4	59	1	2	3	4					
20	1	2	3	4	40	1	2	3	4	60	1	2	3	4					

Write below as given certification statement in your running handwriting in English :-
I certify that I am the person whose Roll Number appears on this sheet. The Question Booklet No. and series code have been correctly filled by me. I have filled the application myself signed and put my thumb impression.

SIGNATURE OF THE INVIGILATOR ↓	SIGNATURE OF THE SUPERVISOR ↓	SIGNATURE OF THE CANDIDATE ↓	LEFT THUMB IMPRESSION OF THE CANDIDATE ↓
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ANNEXURE IV

Course Codes

S.No.	Course	Code	
1.	Civil Engineering	01	
2.	Electrical Engineering	02	
3.	Mechanical Engineering	03	
4.	Automobile Engineering	04	
5.	Architect Engineering	05	
6.	Computer Engineering	06	
7.	Travel and Tourism Engineering	07	
8.	Instrumentation Engineering	08	
9.	E&C Engineering	09	
10.	M.O.P	10	
11.	MLT	11	
12.	Textile Engineering	12	
13.	Information Technology	13	
14.	Fashion Design	14	
15.	Leather Technology	15	
16.	Wood Technology	16	
17.	Food Technology	17	
18.	P.H.E. (Civil)	18	
19.	Medical Electronics	19	
20.	Quantity Surveying	20	
21.	Garment Technology	21	

College Codes (Jammu Division)

1.	Government Boys Polytechnic Bikram Chowk Jammu	A-1
2.	Government Women's Polytechnic Jammu	B-2
3.	NTTS Merain Sahib, Jammu	C-3
4.	IECS, Purkhoo Camp, Doamana, Jammu	D-4
5.	North Polytechnic Purkhoo Doamana, Jammu	E-5
6.	Kalamkari Upper Paulora, Jammu	F-6

College Codes (Kashmir Division)

1.	Government Polytechnic for Boys Srinagar	G-7
2.	Government Polytechnic for Women Srinagar	H-8
3.	Government Polytechnic Leh	I-9
4.	Government Polytechnic Kargil	J-10
5.	SSM College of Engineering Pattan, Kashmir	K-11
6.	Kite Wavoosa Rangreth Kashmir	L-12
7.	Masterpro Institute of Technology Nowgam Sgr	M-13
8.	Royal Polytechnic Gogi Bagh, Srinagar	N-14

SYLLABUS

The question paper for the examination shall be based on the syllabus of the qualifying examination i.e. 10th class. The contents of the syllabus are given as under :-

SYLLABUS FOR POLYTECHNIC ENTRANCE TEST

SCIENCE

PART-I

PHYSICS

UNIT-1

Energy

- 1.1 Man and energy, Man discovers a new source of energy. (Definition of energy, forms of energy, conversion of energy).
- 1.2 Internal combustion engine (transformation of heat energy to mechanical energy) (Accounting energy, (calculating cost of energy, etc.) Heat energy and Mechanical energy (transformation of mechanical energy into heat energy).
- 1.3 Solar energy, harnessing solar energy, Solar heating devices-solar heaters, Solar cells.
- 1.4 Other forms of energy-wind energy, Hydroelectricity energy from oceans.

(7 Marks)

UNIT-2

Sun and Nuclear Energy

- 2.1 Sun, What powers the sun, Composition of sunlight, Source of Sun's energy.
- 2.2 Strange world of atom, Nuclear fission, Chain reaction, Energy released during fission, Nuclear Reactor.

2.3 Pollution.

2.4 Energy crisis.

(7 Marks)

UNIT-3

Heat

3.1 Heat and temperature, Heat and motion.

3.2 Specific heat-definition, Calculations based on specific heat.

3.3 Thermal expansion.

3.4 Change of state.

(7 Marks)

UNIT-4

Light

4.1 Reflection by spherical mirrors.

4.2 Reflection by spherical lenses.

4.3 Camera and the human eye; defects of vision.

4.4 Microscope and Telescope.

4.5 Composition of Sun light (dispersion).

(7 Marks)

UNIT-5

Electricity and its Effects

5.1 Potential due to a charge, Electric current, Ohm's law.

5.2 Transfer of energy through electric circuit, Electric power.

5.3 Electro-magnetism, Magnetism affects current, electric motor, electromagnetic induction.

5.4 Electricity used at home, Domestic wiring and fuse, Hazards of electricity, Electricity in the body.

(7 Marks)

CHEMISTRY

UNIT-6

Air

- 6.1 Composition of air.
- 6.2 Water and particulate matter in atmosphere.
- 6.3 Carbon dioxide and its effects on living organisms.
- 6.4 Effects of acidic gases, role of plants, carbon monoxide and metallic particles.

(10 Marks)

UNIT-7

Water

- 7.1 Occurrence, Source, Origin of life in water, water as medium for activity of living organism.
- 7.2 Water, a solvent, solution, saturated and unsaturated solutions.
- 7.3 Sea water - as habitat of organisms and source of salts.
- 7.4 Uses of water.

(10 Marks)

UNIT-8

Carbon and its Compounds

- 8.1 Occurrence of different forms of carbon in nature, position of carbon in periodic table, Allotropic forms of carbon; their occurrence; arrangements of carbon atoms in diamond and graphite; uses of diamond and graphite.
- 8.2 Hydrocarbons definition; methane : it's molecular, electronic and structural formula and preparation.
- 8.3 Alkanes-molecular, electronic and structural formula of ethane, combustion of alkanes.
- 8.4 Isomers-definition, possible isomers of butane and pentane.
- 8.5 Unsaturated hydrocarbons-cracking of hydrocarbons, ethene, alkynes,
- 8.6 Petroleum and its products.

(15 Marks)

MATHEMATICS

PART II

UNIT-1

Linear equation in two variables

Linear equations in two variables and its graph system of two linear equations in two variables, solution of the system of equations by graphical and algebraic methods-consistency/inconsistency of the equations, applications involving the systems of equations from different areas.

Rational expressions

G.C.D. & L.C.M. of polynomials by factorization method, meaning of a rational expression, addition, subtraction, multiplication of rational expressions.

Factorization of expressions using remainder theorem ratio and proportion, their properties and applications. **(15 Marks)**

UNIT-2

Quadratic Equation

Meaning and standard form of a quadratic equation $ax^2 + bx + c = 0$; ($a \neq 0$). Solution of $ax^2 + bx + c = 0$; ($a \neq 0$) (i) by factorization (ii) by quadratic formula; discriminate of the quadratic equation and nature of the roots, formation of the quadratic equations with given roots, applications involving quadratic equation from several areas. Solution of equation reducible to quadratic form, factorization of quadratic polynomials by using quadratic formula (when other methods are not easily applicable). **(10 Marks)**

UNIT-3

Area :

Computation of area of (i) Different types of triangles, (ii) Square, (iii) rhombus (iv) rectangle and solving problems based on measurement of area like finding altitudes, perimeter, computation of area of polygon and problems

based on area like finding perimeter, angle, cost of flooring etc.

Formulae and solving problems based on area, like finding cost of fencing, etc.

Volume

Computation of volume of a cube, cuboids, surface area and volume of cylindrical shapes and solving problems based on it.

Computation of surface area and volume of a cone and solving problems based on it.

Computation of surface area and volume of a sphere and solving problems based on it. **(10 Marks)**

UNIT-4

Trigonometrical identities

$$\sin^2 A + \cos^2 A = 1; \sec^2 A = 1 + \tan^2 A; \operatorname{cosec}^2 A = 1 + \cot^2 A$$

Proving simple identities based upon the above :

Trigonometrical ratio of complementary angles.

$$\sin (90^\circ - A) = \cos A, \operatorname{cosec} (90^\circ - A) = \sec A.$$

$$\cos (90^\circ - A) = \sin A, \sec A (90^\circ - A) = \operatorname{cosec} A.$$

$$\tan A (90^\circ - A) = \cot A, \cot A (90^\circ - A) = \tan A.$$

Simple problems based upon the same. **(15 Marks)**

UNIT-5

1. If a line is drawn parallel to one side of a triangle, the other two sides are divided in the same ratio.
2. If a line divides any two sides of a triangle in the same ratio, the line must be parallel to the third side.
3. If in two triangles, the corresponding angles are equal (i.e. the two triangles are equiangular) their corresponding sides are proportional.

-
4. If corresponding sides of two triangles are proportional then the triangles are similar.
 5. In a right triangle the square on the hypotenuse is equal to the sum of the squares on the other two sides.
 6. The line joining the centre of a circle to a chord bisects the chord.
 7. There is one and only one circle passing through three given non-collinear points.
 8. The angle in a semicircle is a right angle.
 9. Angles in the same segment of a circle are equal.
 10. The sum of either pair of opposite angles of a cyclic quadrilateral is 180° .

(10 Marks)

UNIT 6

Statistics

Arithmetic mean, Computed from ungrouped data, Arithmetic mean from grouped data, Short-cut method for computing the mean, Weighted mean, Median from ungrouped Data, Vital statistics and Index number.

(10 Marks)