#### **PROGRAMME AT A GLANCE**

1. a) Distribution of Application Form : 12<sup>th</sup> Jan to 10<sup>th</sup> Feb'15

b) Submission of Application Form : 12<sup>th</sup> Jan to 10<sup>th</sup> Feb'15

2. Despatch of Admit Card : March, 2015 (3<sup>rd</sup> week)

3. Date of Examination : 22<sup>nd</sup> & 23<sup>rd</sup> April, 2015

4. Date of uploading

of Answer Key : 24<sup>th</sup> April, 2015 (Evening)

\*5 Last date of receiving feedback : 29<sup>th</sup> April, 2015 (Upto 5 P.M.)

6. Tentative date of result publication : June, 2015 (1st week)

7. Tentative period of counseling : June - July, 2015.

\*Final Answer Key will be frozen and uploaded in due course of time.

#### INTRODUCTION

The Tripura Board of Joint Entrance Examination (TBJEE) was set up by Higher Education Department by framing the EXAMINATION REGULATION PART - I OF TRIPURA BOARD OF JOINT ENTRANCE EXAMINATION. This EXAMINATION REGULATION has been amended from time to time by the Government. The Board, an organization of Directorate of Higher Education, is constituted by the Government of Tripura every year.

The Tripura Board of Joint Entrance Examination consists of eleven officials including the Chairman, the Member-Secretary (Administration), the Member-Secretary (Academic) and one member from TBSE and other seven members representing various Departments. Five members are incorporated in the Board from five sponsoring Departments. These are Department of Medical Education, Department of Agriculture, Department of Fisheries and Department of Animal Resource Development and also the Department of Higher Education. Two other members are nominated, one each from ST Welfare and SC & OBC Welfare. The Secretary of Directorate of Sainik Welfare, Govt. of Tripura also been incorporated as one of the honorary members of the Joint Entrance Board.

### TRIPURA JOINT ENTRANCE EXAMINATION (TJEE)

The Tripura Board of Joint Entrance Examination conducts the Joint Entrance Examination at nine centres / venues of Agartala, Udaipur, Kailashahar and Dharmanagar for admission of students in Engineering, Medical, Technological and other professional degree courses against seats reserved for the state of Tripura and also the seats of different State Institutions.

The Board is conducting the examination through Optical Marks Recognition / Reading (OMR) system in place of the conventional mode of examination. However the pattarn of questions will continue to be Multiple Choice Question (MCQ) type.

#### **SCHEDULE OF TJEE - 2015**

Every year the Board conducts Joint Entrance Examination at the end of April for preparation of merit list to select students / candidates for admission to different professional degree courses, such as Engineering, Medical, Dental, Agricultural, Veterinary, Fisheries and others.

Date & Day	11AM to 1 PM	2 PM to 4 PM
22 <sup>nd</sup> April 2015 (Wednesday)	Physics	Chemistry
23 <sup>rd</sup> April 2015 (Thursday)	Mathematics	Biology

#### **INSTRUCTIONS TO CANDIDATES**

Candidates willing to appear in Tripura Joint Entrance Examination have to attempt questions of four different subjects, such as Physics, Chemistry, Mathematics and Biology. Each of the subjects of Examination will be of 100 marks. Candidates are advised to thoroughly go through the information regarding question pattern and mode of examination.

Candidates seeking admission to Engineering / Technological Degree Courses (Group - A) will have to appear in Physics, Chemistry and Mathematics and those seeking admission to Medical / Agricultural / Veterinary / Fishery and other such courses, (Group-B) will have to appear in Physics, Chemistry and Biology. Those who desiring to take chances in both of the above groups will have to appear in all the four subjects (Group-C).

# ELIGIBILITY FOR APPEARING AT JOINT ENTRANCE EXAMINATION

The applicant must be an Indian Citizen and a Permanent Resident of Tripura. The applicant or his/her parents must have been residing in the state of Tripura continuously for not less than 10 (ten) years immediately prior to the date of making

application for appearing at the Joint Entrance Examination, 2015 and has passed / appeared or due to appear in the year of Joint Entrance Examination, at the Higher Secondary Examination of Tripura Board of Secondary Education/Central Board of Secondary Education or equivalent with the subjects in which he/she desires to appear at the Joint Entrance Examination.

Children of All India Services Officers borne in Manipur-Tripura Cadre and the Children of the Employees of the State Government posted outside Tripura will be eligible to appear at the Examination irrespective of their prior stay in Tripura.

In case a candidate is not permanent resident of Tripura but his/her parent is an officer on deputation to the Government of Tripura/Officer of the Central Government working in Tripura and has served in Tripura continuously for a period of 3(three) years or more and due to appear/passed Higher Secondary Examination from an Institution of Tripura, he/she will be eligible for appearing in the examination.

In case of wards of Ex-Servicemen, either the candidate or his/her parents must have been staying in Tripura continuously for not less than 5(five) years immediately prior to the date of making application for appearing at the Joint Entrance Examination of Tripura and the candidate must have passed or appeared/due to appear at the H.S.(+2 stage) Examination in the year of Joint Entrance Examination from any legally recognised institution of India with subjects in which he/she desires to appear at the Joint Entrance Examination. Children of serving Defence personnel (Army / Navy / Air Force) hailing from Tripura are also allowed to appear for Tripura Joint Entrance Examination provided that their children should have stayed in Tripura continuously not less than 5(five) years immediately prior to the date of making application for appearing at the Joint Entrance Examination of Tripura and that the candidate must have passed or appeared/due to appear at the H.S.(+2 stage) examination in the year of Joint Entrance Examination from any institution of Tripura with the subjects in which he/she desires to appear in the Joint Entrance Examination.

If a candidate is allotted a seat in the past inside or outside the State on the basis of result of Joint Entrance Examination conducted by the Tripura Board of Joint Entrance Examination, he/she shall not be eligible to appear at the Joint Entrance Examination this year and in subsequent years unless he/she has surrendered the allotted seat in writing within seven working days from the date of selection through Counseling to the authority of the respective sponsoring department.

However, if any amendment / change is/are made after issue of this Notification, the same shall be notified as per procedure.

#### **SEAT**

Total number of seats along other criteria regarding elegibility shall be ascertained on the basis of the communication as received by the Board from the respective sponsoring departments. Reservation of seats for SC/ST/PH/EX will be made as per the inbuilt provisions of the State Government of Tripura.

It is to be noted that the admission of a candidate to a College/ University/ Institution will be subjected to the fulfillment of eligibility criteria regarding cut-off marks and others as specified by the respective departments of State & Central Governments / Institution / Council / Body.

#### **APPLICATION FORM & PROSPECTUS**

The Application Form & Prospectus may be obtained from the counter of the office of the TBJEE (Old Secretariat Complex, Finance building, ground floor.) w.e.f. 12.01.2015 to 10.02.2015 on all working days from 11.00 AM to 2.00 PM (excluding Sunday and all other holidays) on payment of Rs. 80/- in cash. However, the time for the date 10-02-2015 will be from 11.00 AM to 5.00 PM.

The Application Form & Prospectus may also be collected from the following centres w.e.f. **12.01.2015** to **10.02.2015** on all working days on payment of **Rs. 80/-** in cash.

- 1. Govt. Degree College, Dharmanagar
- 2. R.K. Mahavidyalaya, Kailashahar
- 3. D.D. Memorial College, Khowai
- 4. Iswar Chandra Vidyasagar College, Belonia
- 5. N.S. Mahavidyalaya, Udaipur

The Application Form & Prospectus can be obtained by postal request from the office of the TRIPURA BOARD OF JOINT ENTRANCE EXAMINATION by sending Postal Order of Rs. 80/- (Rupess eighty only) per Form & Prospectus in favour of the Tripura Board of Joint Entrance Examination, payable at *Agartala Head Post Office*. All postal requests must be accompanied by a *self addressed envolope of 30 cm x 13 cm size and a postage stamp of Rs. 5/- affixed on it.* 

Application Form & Prospectus may also be downloaded from the website *(www.tbjee.nic.in)* which will also be accepted provided that applicant must pay Rs. 80/- (Rupees Eighty only) for the cost of Application Form and prospectus in cash at the time of submission of Application Form in addition to the necessary enrolment fees.

## ENROLMENT FEES AND SUBMISSION OF APPLICATION

The application for appearing at the examination should be made only in the prescribed printed form distributed/designed by the Board. Duly filled in Application Form alongwith all enclosures and Challan form (Board's part) marked by the State Bank of India must be submitted to the office of the Tripura Board of Joint Entrance Examination, Old Secretariat Complex, Finance building, Agartala on or before 10.02.2015 in person and Application posted on or before 10-02-2015 shall also be accepted provided it must reach on or before 18.02.2015 to the office of the TBJEE.

The examination fees for different categories of candidates are as shown in the table below :

Category	Examination fees (Rupees)
UR	<b>350</b> /- (Rupees three hundred and fifty)
SC & ST	<b>300/-</b> (Rupees three hundred)
BPL UR	250/- (Rupees two hundred and fifty)
BPL SC & ST	200/- (Rupees two hundred)

Candidates have to deposit their Examination fees through e-challan from any Branch of State Bank of India.

Candidates have to deposit Bank's commission alongwith exact amount of Examination Fees in any Branch of State Bank of India, except the Agartala (Melarmath) Branch. In case fees through e-Challan (supplied along with Form) are deposited in Agartala (Melarmath) Branch there is no need to give exchange fees / commission / service charge etc. Application Form are to be sumitted in person between 11.00 A.M. to 2.00 P.M. upto last date of submission (10.02.2015) excluding holidays. However, receiving & submission time for the date 10-02-2015 will be extended upto 5.00 PM. Applicants must enclose one self-addressed envelope of 30 cm x 13 cm. with a postage stamp of Rs. 5/- affixed on it for despatching Admit Card failing which the Admit Card may not be despatched or posted. Deposition of fees through e-challan should be made during the period from 12-01-2015 to 10-02-2015 positively through any branch of SBI. No application other than the aforesaid period shall be entertained by the Board.

#### Points to be noted:

- The applicants should indicate the choice of Examination Centre in his/her application form. However, the final allotment of the Centre to candidate will be within the descretion of the Board.
- 2. Refund of enrolment fees is not admissible irrespective of whether the candidate appears or not at the Examination or if the application is rejected.
- 3. Candidate should write his / her date of birth as exactly recorded in the Birth Certificate / Madhyamik Admit Card.
- 4. Incomplete application in any form is liable to be rejected.

The applicants must read thoroughly the Eligibility criteria to satisfy themselves regarding their eligibility for appearing at the Joint Entrance Examination and in respect of seats and apply accordingly. All applicants who appear to be prima facie eligible may be provisionally permitted to sit for the Joint Entrance Examination. If after scrutiny at any stage, it is found that an applicant is otherwise not eligible for getting a seat, his/her candidature will be automatically cancelled even if he/she appeared at the Examination and secured a position in the merit list. The Board deserves the right for cancellation of such cases, if any.

The Board will publish the Merit list through public Media. It dose not have any provision for post publication scrutiny and review of the result and hence will not entertain any such application in this respect.

Mailing Address:

Secretary (Academic),
Tripura Board of Joint Entrance Examination,
Old Secretariat Complex, Finance Building, 2nd floor,
Agartala, PIN - 799 001.

#### INFORMATION REGARDING QUESTION PATTERN

- Four different subjects, namely Physics, Chemistry, Mathematics and Biology will have four different Question Papers/Test Booklets.
- Full marks for each question paper of Physics, Chemistry, Mathematics and Biology will be 100 marks.
- Duration of Examination of each paper will be 2 hours.
- The questions of the examination will be framed on the basis of the Syllabi of Tripura Joint Entrance Examination which is in force w.e.f. 2008. The syllabus for each subject is divided into 10 Modules. A Module carries 10 marks.
- Question paper for each subject will be of Multiple Choice Question (MCQ) type.
- There will be 50 (fifty) compulsory MCQs, taking 5 (five) questions from each Module for each subject of Physics, Chemistry, Mathematics and Biology.
- Each question will carry 2 (two) marks. Total marks for a question paper will be 100 (50 x 2) for each subject.
- Each question will have four options (i.e. A,B,C,D) out of which the correct option (A/B/C/D) is only to be selected.
- After selecting the correct answer the candidate will have to mark the corresponding letter (i.e. A/B/C/D) in appropriate space provided in OMR Answer Sheet with blue or black ball point pen.
- No mark will be deducted for wrong answer.

#### TEXT BOOKLET/QUESTION PAPER

Each subject of Physics, Chemistry, Mathematics and Biology will have a Text Booklet/Question paper containing 50 Multiple Choice Questions (MCQs). Every question paper has a particular Series (A/B/C) mentioned on the front page which the candidate must carefully write at the appropriate place on the OMR Answer Sheet and also in the Attendance Sheet. If the appropriate series is not mentioned in OMR Sheet, the machine will not be able to recognize the correct answer. In that case error may arise in evaluation of OMR Sheet.

#### MODE OF ANSWER

Every question paper usually remains stapled for maintaining secrecy. Candidate should read the instructions printed on the first page immediately after getting it from the invigilator. Thereafter getting instruction from the invigilator the candidate has to un-staple the question paper. Then he/she should read the question paper carefully, so that a correct answer or most appropriate answer of each MCQ can be identified. After selecting the correct/closest/best answer the candidate will have to fill the corresponding circle (i.e. A/B/C/D) in appropriate space provided on OMR Answer Sheet.

#### **OMR SHEET**

Optical Marks Recognition/Reading, i.e. OMR sheet is a special printout paper containing circles used as marking areas where the candidate put marks using a blue/black ball point pen. OMR Sheet Reader is a software which reads those marked location (by blue/black ball point pen) and converts the information into data through computer machine. A copy of "sample OMR" is shown herewith in the last part as Model for practice.

Information is provided here on how to fill an OMR sheet and students are suggested to go through the sample questions provided. The OMR sheet will be scanned or processed through a machine. It is, therefore, imperative for the candidates to handle the OMR sheet carefully and adhere to the instructions given on the OMR sheet. Candiate has to fully darken the circle of the right/closest answer of their choice. Cut/Tick/Cross mark of the circle is not allowed and this will make the answer unreadable. Circle should be darkened only for the options available in the Test Booklet/ Question Paper. If a question is not attempted, the relevant answer circle should be left blank. More than one OMR sheet will not be supplied for any reason accept printing/manufacturing defect of some kind.

During the examination the candidate will be provided with a **Question Paper/ Test Booklet** and an **OMR Sheet** for answer. First he / she will have to fill up the useful information on the OMR sheet like, **Enrolment Number, Test Booklet Series**, and name of **Subject.** Please note that if these information are not provided on the OMR sheet or the sheet contains error, the computer will not be able to recognize the answer.

# GENERAL INSTRUCTION FOR MARKING OMR SHEET & OTHER

Strict compliance of instruction is essential. Answer sheet will be processed by Electronic means in computer. Invalidation of Answer Sheet due to incomplete/incorrect filling of the OMR sheet will be the sole responsibility of the candidate. Accordingly candidates are advised to adhere to the following instructions.

1. Use BLACK/BLUE Ball point pen only. Ink pen, pencil or pens with other colours

- are strictly prohibited.
- 2. Write and mark your Enrolment Number, Question Booklet Series and Subject name in appropriate places on the OMR Sheet.
- 3. Mark the correct Answer by darkening the circle.
- 4. Use of white fluid/eraser/blade etc. for correction in OMR sheet is not permitted.
- 5. Once marked, no change in the response shall be permitted.
- 6. More than one response is also not allowed. Multiple answers given against one question will not be considered for evaluation, i.e.marking more than one answer or marking alterations after marking an answer will result in zero mark.
- 7. Do not make any stray mark on the OMR sheet.
- 8. Do not cut or mutilate the OMR sheet.
- 9. Do not fold or damage the OMR sheet.
- 10. Candidates should write the OMR Sheet Number (as provided in OMR sheet) in the Attendance Sheet before putting his/her signature.
- 11. Candidates shall have to asertain that the information furnished by them in the OMR Sheet are duly checked by the invigilator before putting his/her signature.
- 12. Candidates are to sign in **2 (two) places**, one signature in the **OMR Sheet** and the other signature in the **Attendance Sheet** on the space specified for these.
- 13. Do not do any rough work on the OMR Sheet. It may be done in the space provided in the Test Booklet/Question paper.
- 14. There will be no re-checking/re-evaluation of the OMR sheet.
- 15. Please ensure that you have returned the OMR sheet to the Invigilator before leaving the Examination Hall.
- 16. Adoption of any unfair means in the Examination Hall causing disturbance to others or indiscipline of any sort will lead to cancellation of your candidature followed by legal action (if necessary).
- 17. The signature should be identical with the signature given by the candidate in **Application Form** submitted to the Board.
- 18. The use of **Calculator/Mobile Phone** or any other electronics gadget inside the examination hall is strictly prohibited.
- 19. Candidate must bring the Admit Card of TJEE 2015 in every session of examination. It must be shown to the Officer-In-Charge / Invigilator in examination hall.

#### **UPLOADING ANSWER KEY**

- The Answer Key shall be uploaded in the website: www.tbjee.nic.in; on 24-04-2015 evening.
- 2. Final Answer Key will be frozen and uploaded after taking due consideration of the feedback of all concerned and experts' opinions.

#### **SAMPLE QUESTIONS**

Four Questions are given from the four different subjects as below:.

1. The Position vector of a particle is given by  $x = 3t^2\hat{i} - 12t\hat{j} + 4\hat{k}$ . The Velocity and acceleration of the particle after 1 sec will be

A) 
$$6\hat{i} - 12\hat{j}, 6\hat{i}$$

B)  $6\hat{i} - 6\hat{j}, 6\hat{j}$ 

C) 
$$6\hat{i} - 12\hat{j}, 6\hat{k}$$

D)  $6\hat{i} - 6\hat{j}, 6\hat{k}$ 

1 . একটি কণার অবস্থান ভেক্টর  $x=3t^2\hat{i}-12t\hat{j}+4\hat{k}$  হলে কণার বেগ এবং ত্বরণের মান ১ সেকেন্ড পরে হবে

A) 
$$6\hat{i} - 12\hat{j}, 6\hat{i}$$

B)  $6\hat{i} - 6\hat{j}, 6\hat{j}$ 

C) 
$$6\hat{i} - 12\hat{j}, 6\hat{k}$$

D)  $6\hat{i} - 6\hat{j}$ ,  $6\hat{k}$ 

2. Which one of the following pairs is different from others

B) Na-K

C) Ca-Mg

D) B-AI

2. নীচের যুগলগুলির মধ্যে কোনটি অন্যগুলি থেকে পৃথক?

B) Na-K

C) Ca-Mg

D) B-Al

3. If  $\alpha$ ,  $\beta$  are the roots of the equation  $x^2$  - 3x + 5 = 0, the equation whose roots are  $\alpha^2$ ,  $\beta^2$  will be

A) 
$$x^2 + 3x + 21 = 0$$

B)  $x^2 + x + 25 = 0$ 

C)  $x^2 + 2x + 17 = 0$ 

D)  $x^2 - 3x + 15 = 0$ 

3.  $x^2$  - 3x + 5 = 0, দ্বিঘাত সমীকরণের বীজদ্বয়  $\alpha$ ,  $\beta$  হইলে, যে সমীকরণের বীজদ্বয়  $\alpha^2$ ,  $\beta^2$  তাহা হইবে।

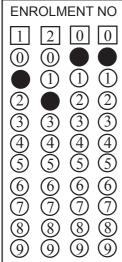
A) 
$$x^2 + 3x + 21 = 0$$

B)  $x^2 + x + 25 = 0$ 

C) 
$$x^2 + 2x + 17 = 0$$

D)  $x^2 - 3x + 15 = 0$ 

4. A	scorbic acid' is th	e chemical name of which	Vitar	nin ?		
A)	Vitamin D		B)	Vitamin A		
C)	Vitamin E		D)	Vitamin C		
4 . 'অ্যাসকরবিক অ্যাসিড' কোন ভিটামিন-এর রাসায়নিক নাম?						
A)	Vitamin D		B)	Vitamin A		
C)	Vitamin E		D)	Vitamin C		
HOW TO FILL OMR SHEET						
	If the Enrolmer	Number of a candidate is	120	O the candidate will have to fill		
up ii	n the following wa	y				
E	NROLMENT NO					



The correcet / closest answers of the sample questions as given above are to be filled in the OMR Answer Sheet in the following way :

Answer to Q1: B C D

Answer to Q2: B C D

Answer to Q3: A C D

Answer to Q4: A B C

### **SAMPLE OMR SHEET FOR PRACTICES**

ENROLMENT NO	TEST BOOKLET SERIES		SUBJECT		
3 3 3	Α		PHYSICS	0	
			CHEMISTRY	0	
6 6 6	В	$\bigcirc$	MATHEMATICS	0	
8888	С		BIOLOGY	0	

1	ABCD	11	ABCD	21	ABCD	31		41	ABCD
2	ABCD	12	ABCD	22	ABCD	32	ABCD	42	ABCD
3	ABCD	13	ABCD	23	ABCD	33	ABCD	43	ABCD
4	ABCD	14		24	ABCD	34	ABCD	44	
5	ABCD	15		25		35		45	
6	ABCD	16		26		36		46	
7	ABCD	17	ABCD	27	ABCD	37	ABCD	47	ABCD
8	ABCD	18	ABCD	28		38	ABCD	48	
9	ABCD	19	ABCD	29	ABCD	39	ABCD	49	
10	ABCD	20	ABCD	30	ABCD	40	ABCD	50	ABCD

#### **PUBLICATION OF RESULT**

The Tripura Board of Joint Entrance Examination publishes its examination result usually in the first week of June every year. The Board shall publish Merit list on the basis of the merit. This list includes the candidates who will qualify in the examination as per criteria fixed by the Board on consideration of all the aspects. It will be published through various media including Board's website. The Board does not keep any provision for post publication review at any stage and so will not entertain any such application in this regard.

The Merit list will be prepared on the basis of marks obtained by the candidate in the subjects, Physics (P), Chemistry (C), Mathematics (M), Biology (B) as per his/her option. For example, for a candidate, who opted for PCM grpup, Physics, Chemistry & Mathematics will be considered; while for PCB group, Physics, Chemistry & Biology will be judged. In case of tie following successive steps will be adopted as per norms:

	PCM GROUP	PCB GROUP				
Step - 1	P+C+M	P+C+B				
If tie occurs, then						
Step - 2	P+M	C+B				
If further tie occurs, then						
Step - 3	М	В				
If further tie occurs, then finally,						
Step - 4	DOB	DOB				
Have DOD means to	ha Data of Dirth of a condidate	Conjor will be given				

Here, **DOB** means the Date of Birth of a candidate. Senior will be given the preference in merit position as per norms.

#### ALLOTMENT OF SEATS THROUGH COUNSELING

Seats of different professional degree courses are received from various sponsoring departments. These seats are usually reserved by the Govt. of India and

the other central agencies for the state of Tripura. Beside these, other seats are provided by State Institutions. The seats will be distributed amongst the eligible candidates through the counseling. After getting selection through the process of counseling the selected candidates will be nominated for admission in different degree courses by respective sponsoring department.

Following are the important points to be noticed regarding the general process of counseling :

- a. It is to be noted that the selection of candidates for a particular course to a certain College/University will be subjected to the fulfilment of eligibility criteria, including the cut-off marks in Tripura Joint Entrance Examination, if any, of the resective College/University.
- b. Certain College and University stipulate specific percentage of marks in last qualifying Examination (H.S. or equivalent) and some other conditions including cut-off marks, if any, for admission/entry to different streams/subjects of respective Colleges and Universities. Accordingly, selection will be made on the basis of Eligibility Criteria and cut-off marks, if any, obtained in Tripura Joint Entrance Examination as specified by the respective departments of State & Central Governments/Institution/Council/Body.
- **c.** Candidates wil be issued nomination letters for various courses of study on the basis of their performances in the Tripura Joint Entrance Examination.
- d. If a Candidate is allotted a seat this year or in the past inside or outside the State on the basis of result of Tripura Joint Entrance Examination, he/she will not be considered for allotment of seats unless he/she has surrendered the allotted seat in writing within seven working days from the date of selection through counseling to the authority of the respective sponsoring department and produce the necessary proof for that at the time of Counseling.
- e. Further information regarding number of seats available and procedure of counseling will be published later on.

#### **ABOUT OUR WEBSITE**

The Tripura Board of Joint Entrance Examination has its own website, which is designed, constructed and run by the National Informatics Centre (NIC), Govt. of India, situated in Capital Complex as the Regional Centre of the State of Tripura. The Board publishes all notifications, corrigenda, Addanda and other necessary informations time to time uploaded through this vital electronic media. Our website is **www.tbjee.nic.in**. Please visit for updating yourself.