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17<sup>th</sup> All Odisha

# URANIUM TALENT SEARCH EXAMINATION UTSE - 2018



IN SCIENCES SUBJECTS

Only for **CLASS VII, VIII & IX** STUDENTS

For **CBSE & ICSE** AFFILIATED SCHOOLS OF ODISHA

Date of Examination	:	04.02. 2018 (Sunday)
Time	:	2.00 pm - 3.00 pm
ENTRY FEE	:	Rs. 130/- (Rs one hundred thirty only)
Question Pattern	:	MCQ in Science (focus in Chemistry and Physics)
Syllabus	:	based on NCERT text books
Last Date of Application	:	17.11.2017
Date of Declaration of Result	:	10.03. 2018

## OBJECTIVES

- (i) Instil competitiveness for national level Entrance tests such as IIT, NISER, IISER, Kishore Vaigyanik (KVPY), NEET etc mostly in the subject of chemistry
- (ii) **Motivation and popularization of Chemistry in secondary level**
- (iii) Searching, recognising and awarding science talents of the state

## AWARDS AND PRIZES

1. Trophies and Certificates for top 20 of each class
2. One Day Chemistry Motivation Camp and Prize Giving Ceremony for Top 60 of each class at Uranium Centre, Cuttack (*Details in last page*)

## URANIUM TALENT CERTIFICATES

Candidates securing the qualifying marks in the test(4.2.2018) will be honoured with a Certificate of Merit which will be sent to their schools in September 2018.

## CONTACTS

In case of any doubt or query, kindly contact :

Phone : 9437226340, 9853824822, 0671-2427385

E-mail : [theuraniumodisha@gmail.com](mailto:theuraniumodisha@gmail.com) / Website : [www.theuranium.org](http://www.theuranium.org)

UTSE is conducted by "*The Uranium*": A Public Educational Trust : "**For the Advancement of Education and Research in Chemical and Allied Sciences Among Youth**"

(Regd. No. 621/40391402591/dated 02.05.2014): From 2002-2013, *The Uranium* was a registered society Regd. No 21350/154 of 2001-2002 and since 2014 it has been upgraded to a registered Public Trust.

## Guidelines for Centre Formation:

### EACH PARTICIPATING SCHOOL : A TEST CENTRE

If the total number of candidates from class VII, VIII and IX will be 60 or 100 in a school, that school will be made a test centre. If the number is 100 or more then it will be made a Grade A centre and the centre charges will be more. If the number is between 60 - 99, it will be made a Grade B centre for which the centre charges will be less. If the number of candidates exceeds 150, a coordinating officer will be assigned to assist the centre Superintendent (Tariff given below). If the total number is less than 60, the school cannot be made a centre. If the number of participants from a school is small(<60), the applicants will be attached to other centres(including Odia medium school). Our office should be contacted for suggesting a suitable test centre for participants whose school is not becoming a test centre. No refund of exam fees will be entertained if applied without ascertaining the centre for examination.

### Online Application:

For this, the applicant(s) have to ensure the centre of UTSE-2018 in which they will appear. They can take permission from their principal through their coordinating science teacher to make their school a UTSE-2018 test centre. This should be their first choice. The second choice is to look for any other school and seek their permission to appear the test. The last choice is to enquire our office to suggest any nearby test centre. Application made without confirming the test centre is liable for rejection without any refund of entry fee. For online applicants, no hard copy of application is required. The permission letter of the Principal to conduct the UTSE-2018 on 4th February 2018, Sunday ( 2.00PM to 3.00PM) is to be sent to us by email [theuraniumodisha@gmail.com](mailto:theuraniumodisha@gmail.com) within 7 days of application, if applicant's school is becoming a test centre.

Online application is to be done in two steps.

**Step-1: Registration:** Here the candidates have to individually or collectively register by entering the minimum data(Name, School, father's name etc.). On submission, a unique Applicant's Registration Number will be given to applicant or group representative. This has to be saved by the applicant to go to step 2. In case you forget your registration number before payment, you can contact our office.

**Step-2: Payment and Validation:** In this step, a person(student or teacher or any guardian/parent) can pay individually or for a group of applicants just by entering the applicant's registration number(s) individually or collectively as the case may be.

Discount of Rs. 10.00/- will be given for meeting application related expenses(ARE) to the group representative, if the payment is made for a minimum of 10 applicants at a time in a group.

The applicant or group representative has to deposit(credit) the amount in the bank account of: '*The Uranium*', by any method(Bank transfer or mobile banking) given next page(procedure 1 or 2). The transaction amount, date and reference number(transaction ID) have to be entered in this step. After submitting these data, the application will be approved by our office.

**(N.B: Bank Draft is not allowed for Online application)**

### Off-line Application in Hard Copy:

Group or individual application can be made in paper and sent through courier or post as per the format given overleaf under the guidance of the coordinating science teacher. Separate application for each candidate is not required. In this case too, student has to ensure the test centre in which he will be appearing UTSE-2018 as explained for online application. **Centre confirmation is primarily the responsibility of the of participating candidates.** (kindly contact our office before submitting the application in case of difficulty)

#### Application Related Expenses(ARE):

For both online and offline application a discount deduction of Rs.10.00 will be made per applicant to meet Application Related Expenses or ARE provided the number of applicants in a group is at least 10. Below 10 applicants, no deduction will be permissible. The expenses for money transfer or deposit(if any, courier charges to send the application and Bank Draft charges(if any) are to be met from the ARE. Extra expenditure, if required, has to borne by the applicants.

**1. CENTRE CHARGES :** The centre charges will be sent to each centre by cheque or account deposit method by our office.

- (1) Centre Superintendent : Rs. 350/-(Grade A), Rs. 200/-(Grade B)
- (2) Invigilator : Rs. 200/- (Grade A); Rs. 125/- (Grade B) one per 30 candidates  
(extra 2 candidates to be adjusted with one invigilator, e.g if there are 64 candidates two invigilators or 96 candidates three invigilators will be given. In such case extra 2 candidates are to be adjusted in one room)
- (3) One coordinating officer(@Rs.250) if strength exceeds 150. He/She will assist the Suptd. in conducting the test and also during emergency relieve any invigilator)
- (4) Clerical Assistance : Rs.150/-(Grade A), Rs.100/- (Grade B)
- (4) Menial Assistance((Peon) : One for every 150 candidates : Rs. 100/-(Grade A). Rs.75/- (for Grade B centre)
- (5) Courier Charges : Rs. 75/- upto 150 candidates, Rs. 150/- upto 300.
- (7) Contingency Charges : Rs. 50/-

- (8) Facility Utilisation Charges: For using the facilities of the school(electricity, water etc), an amount will be paid on the basis of participation strength subject to a minimum of Rs.100/-.

**How to send Entry Fee in Offline application:** The entry fee(after deducting the ARE) is to be paid to us by any one of the following ways.

- (1) **Bank Transfer:** (a) Online (i) IMPS OR (ii) NEFT  
(b) Offline Cheque(CTS cheque only) deposit in nearby SBI or any other bank(NEFT)

Name of Account Holder : The Uranium Name of Bank : State Bank of India

Account No- 33989659769 IFS Code-SBIN0004238

- (2) **Mobile Banking :** UPI (BHIM Apps) ID: theuranium@upi

In such case the reference number (transaction ID) of the bank transaction, date of deposit and amount deposited are to be sent to us alongwith the application(for offline applicants).

N.B: The above two ways i.e Bank Transfer or Mobile Banking will be valid for both online and offline applicants.

- (3) **Bank Draft:** payable to - **The Uranium**, payable at : **SBI, PB Branch, Mangalabag (IFS Code- SBIN0004238), Cuttack.** OR the draft can be payable at any nationalised bank at Cuttack. Draft is to be sent through the application proforma. BD is only permissible in case of offline application through hard copy.

- (4) The entry fee and application format can also be directly deposited in person at our office during 10.30 AM to 1.00PM and 2.00PM to 5.00PM on working days.

**What to send in case of Offline Application:**

- (1) Filled-in application proforma (2) Bank Draft of total entry Fee(after deducting the ARE)  
(3) Forwarding letter of the Principal giving consent to make the school a test centre  
(4) Reference number(Transaction ID), date and amount sent by Bank Transfer or Mobile banking methods(not valid for those who send the amount by BD)

**How to Send:** All the above materials to be sent by registered parcel/post or courier services.

**Where to Send:** **Dr. S.S. Tripathy**, President, **UTSE BOARD, THE URANIUM**

Friends' Colony, Cuttack - 753001, ( Ph : 9853824822 / 9437226340 / 9437064155 )

**IMPORTANT INSTRUCTIONS :**

1. Our office will have the discretion to assign a few candidates from other schools to any centre to appear.
2. The detailed guidelines for conducting the examination, admit cards of the examinees, question papers and OMR answer sheets(confidential materials), centre charges(chèque/online transfer) and other related materials will be dispatched to Principals before 22th January 2018. Admit cards to be distributed earlier.

**CONSOLIDATED APPLICATION PROFORMA(FOR OFFLINE APPLICANTS)**

Consolidated application proforma is to be prepared in a plane paper according to the given points under the guidance of the coordinating science teacher and photocopies to be made for multiple use. Formats are to be filled up by the students or the coordinating teacher class-wise each for class VII, VIII and IX separately.

**Consolidated Application Proforma for Uranium Talent Search Examination (UTSE) - 2018**

(to be filled in English) CLASS \_\_\_\_\_

Name and address(AT, PO, Dist, PIN) of School studying \_\_\_\_\_

Name of Test Centre and address in which the candidate(s) want to appear: \_\_\_\_\_  
(Addresses should carry AT:, PO:, Dist, PIN) (these two schools may be same)

Sl. No.	NAME OF APPLICANT (Capital Letters)	Name of Father/ Mother/Guardian	Mobile/Land Phone No.of Guardian/applicant	Home Address of applicant (in details)	Signature
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**IMPORTANT :** The name and the mobile number of the Teacher-in-charge of examination as well as the coordinating science teacher are to be given below the application proforma.

#### **WHEN TO REACH THE CENTRE:**

The students are to be instructed to reach the centre one hour before the test i.e at 1PM. They should bring with them the admit cards(if not collected from centre earlier, will be available at the centre), HB pencil, sharpner, eraser and ball point pen with them.

#### **SYLLABUS FOR UTSE-2018**

Questions will be set based on the following topics from NCERT text books. Since UTSE is a competitive examination with a motive to make our students nationally competitive, the students in each class are supposed to study those topics from other books such as ICSE text books or other reference books also. 50% questions in UTSE will be staright forward and remaining 50% will be twisted and thought provoking. Questions will be set from all the three subjects namely **Chemistry, Physics and Life Sciences** for all the three classes, with unequal number of questions from the three subjects (**more from chemistry and physcis**). While preparing, the candidates should focus on each activity given in the NCERT text books.

Class IX: Chapter 1 to 10 (upto Gravitation) NCERT Science book

Class VIII: Chapter 1 to 16 (upto Light) NCERT Science book

Class VII : Chapter 1 to 15 (upto Light) Except the chapter 11. (NCERT science book)

#### **Reference Study Materials for Class IX :**

**CHEMISTRY :** 1. Science(NCERT) 2. ICSE Chemistry Book 3. E-Concepts in Chemistry(Junior) by Dr. S.S. Tripathy ([www.theuranium.org](http://www.theuranium.org) /Publications) : FOR CLASS IX

**PHYSICS :** 1. Science(NCERT) 2. ICSE Physics Book, 3.Foundation Science- Physics by Prof. H.C.Verma (Bharati Bhawan Publication)

**LIFE SCIENCES:** Science(NCERT) and ICSE text books

Reference Study Materials For Class VII and VIII : NCERT and ICSE text books

**Previous Years' Question Papers:** Applicants can get question papers and their correct answer keys of previous year in our website by December 2017.

**Question Pattern in UTSE-2018 :** 50-60 MCQs for all classes: (+4/-1 :negative marking for wrong answers)

#### **One Day Motivation Camp in Chemistry for top 60/Award Giving Ceremony:**

Top 60 of each class will be invited to attend one day motivation camp in Uranium Training Centre at Friends Colony, Cuttack in which Dr. S. S. Tripathy, *PhD, DSc* President, UTSE board along with his team will conduct a motivation camp in chemistry separately in three days of April 2018 for three classes. Selected conceptual aspects of chemistry will be discussed in the camp for the sake of motivation in the subject. Prize Giving ceremony for top 20 of UTSE held on 4.2.2018 will be held in the valedictory ceremony of the motivation camp. The trophies for those not attending the camp will be collected from our office any time after the ceremony. Special prizes can be awarded to the candidate(s) doing well in the motivation camp. Attending the motivation camp is not compulsory. Top 20 awardees can directly attend the prize giving ceremony at 4.30PM on the same day.

**Contacts:** Email: [theuraniumodisha@gmail.com](mailto:theuraniumodisha@gmail.com); Website: [www.theuranium.org](http://www.theuranium.org);

Phone Nos: 9437226340, 9853824822, 0671-2427385