



## ODISHA PUBLIC SERVICE COMMISSION

ADVERTISEMENT NO. 09 OF 2018-19

Recruitment to the posts of Geologist, Geophysicist and Mining Officer in Group - A of Odisha Mining and Geology Service under Steel and Mines Department.

WEBSITE - <http://opsconline.gov.in>

On-line applications are invited from the prospective candidates through the proforma application to be made available on the Website of the Commission (<http://opsconline.gov.in>) from 28.09.2018 to 27.10.2018 for recruitment to 30 (Thirty) posts of Geologist, 01 (One) post of Geophysicist and 04 (Four) posts of Mining Officer in Group - A of Odisha Mining and Geology Service under Steel and Mines Department in the scale of pay of ₹ 56,100/- in Level 12, Cell - 1 of ORSP, 2017 with usual Dearness and other Allowances as may be sanctioned by the Government of Odisha from time to time.

### 2. VACANCY POSITION:

As per requisition filed by the Steel and Mines Department, Government of Odisha, the vacancy position along with reservation thereof is given below:-

Sl. No.	Name of the Post	No of vacancies	No of Post reserved for			
			UR	SEBC	SC	ST
1	2	3	4	5	6	7
1	Geologist	30 (09-w)	09 (03-w)	Nil	08 (02-w)	13 (04-w)
2	Geophysicist	01	Nil	Nil	Nil	01
3	Mining Officer	04 (01-w)	Nil	Nil	01	03 (01-w)

- (a) In case of non-availability of eligible/ suitable women candidate(s), the unfilled vacancies shall be filled up by eligible/suitable male candidate(s) of the same category.
- (b) The Exchange of reservation between S.C. & S.T. will not be considered.
- (c) The P.W.D. candidates are not eligible for the post of Mining Officer. The Physical requirement and Functional classification of Person with Disabilities (having more than 40% permanent disabilities) for the post of Geologist & Geophysicist are as follows:-

Physical Requirements	Functional Classification
S - Work performed by sitting (on bench or chair)	OL - One leg affected (R and/or L)
ST - Work performed by standing	BL (MNR) - Both legs affected but not arms (Mobility not be restricted)
SE - Work performed by seeing	
H - Work performed by hearing / speaking	
MF - Work performed by manipulating (with fingers)	HI with suitable aid – Partially deaf
RW - Work performed by reading & writing	

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**3. AGE:**

A candidate must have attained the age of 21 (twenty one) years and must not be above the age of 32 (thirty two) years on the 1<sup>st</sup> day of August 2018 i.e. he/she must have been born not earlier than 2<sup>nd</sup> August, 1986 and not later than 1<sup>st</sup> August, 1997. Age relaxation shall be as per Government Rules prescribed for the purpose.

Provided that, a candidate who comes under more than one category, he/she will be eligible for only one age relaxation benefit, which shall be considered most beneficial to him/her.

SAVE AS PROVIDED ABOVE, THE AGE LIMITS PRESCRIBED CAN IN NO CASE BE RELAXED.

Date of birth entered in the High School Certificate or equivalent certificate issued by the concerned Board/Council will only be accepted by the Commission.

**4. EDUCATIONAL QUALIFICATION:**

**Geologist:** –

A candidate must hold at least 2<sup>nd</sup> Class M.Sc. in Geology or Applied Geology from any recognized University in India or Diploma in Applied Geology from Indian School of Mines and Applied Geology, Dhanbad, Degree, diploma or certificate of Indian Institute of Technology or from any other institute where such degree, diploma or certificate is considered equivalent to Post-graduate degree in Geology.

**Geophysicist:-**

A candidate must hold at least 2<sup>nd</sup> Class Post Graduate degree in exploration or Applied Geophysics from any recognized University or the degree in Geology and Geophysics from IIT or equivalent degree, diploma, certificate from any recognized Institution.

**Mining Officer:-**

A candidate must hold at least 2<sup>nd</sup> Class degree in Mining Engineering from any recognized University in India or Diploma in Mining or in Applied Geology from Indian School of Mines and Applied Geology, Dhanbad or any other Institute where such diploma or certificate is considered equivalent to the degree of Mining Engineering.

**5. EXAMINATION FEE:**

A candidate is required to pay a non-refundable and non-adjustable fee of ₹ 300/- (Rupees three hundred) only. Candidates belonging to Scheduled Caste and Scheduled Tribe of Odisha and Person with Disability (whose permanent disability is more than 40%) are exempted from payment of this fee.

The candidates are required to take a printout of the finally submitted Online Application Form for future use and take a printout of Online Challan (Pay-in-Slip) for payment of requisite fee at any branch of State Bank of India (SBI). The fee(s) paid shall neither be refunded under any circumstances nor can the fee(s) be adjusted or held in reserve for any other examination or recruitment.

**6. METHOD OF SELECTION:**

The selection of candidates for recruitment to the posts will be made on the basis of written examination and Viva Voce test.

The Commission will shortlist the candidates to be called for Viva Voce test to a reasonable number taking into consideration the marks secured in the written examination above the cut off point to be fixed by the Commission.

The broad outlines of the pattern and syllabus for the said examination are appended in the Annexure of this Advertisement.

The written examination will be held at Cuttack.

**7. OTHER ELIGIBILITY CONDITIONS:**

- (i) The candidate must be a citizen of India;
- (ii) The candidate shall be able to speak, read and write Odia fluently and must have passed at least an examination in Odia language equivalent to that of Middle English School Standard conducted by the Board of Secondary Education, Odisha or the Education Department of the Government of Odisha or any other Board or Council of Secondary Education approved by the Government of Odisha in support of passing of Odia Language (M. E. School Standard);
- (iii) A candidate must be of sound health, good physique, active habits and free from organic defects or bodily infirmity and otherwise suitable for active work in workshop and field work and shall be required to appear before the State Medical Board for medical examination as to his physical and mental fitness.
- (iv) A candidate, who has more than one spouse living, will not be eligible for appointment unless the State Government has exempted his/her case from operation of this limitation for any good and sufficient reasons;
- (v) If a candidate has at any time, been debarred for a certain period/chance(s) by the Odisha Public Service Commission or other State Public Service Commission or U.P.S.C. from appearing at any examination/Viva Voce test, he/she will not be eligible for such recruitment for that specified period/chance(s);
- (vi) Government servants, whether temporary or permanent, are eligible to apply provided that they possess the requisite qualification and are within the prescribed age-limit as provided under Para - 3 & 4 of the Advertisement. They must inform their respective Heads of Offices in writing regarding submission of their applications for this recruitment and obtain "No Objection Certificate".
- (vii) A candidate who claims change in his/her name after having passed the High School Certificate Examination or equivalent examination, is required to furnish copy of publication of the changed name in local leading daily news paper as well as copy of notification in the Odisha Gazette in support of his/her change of name.
- (viii) Every candidate selected for appointment shall be examined by the Medical Board as prescribed by the Government. A candidate, who fails to satisfy the Medical Board, shall not be appointed;
- (ix) **Only those candidates, who fulfil the requisite qualification & within the prescribed age limit etc. by the closing date of filling up online application, will be considered eligible;**

**8. IMPORTANT POINTS:**

- (i) A candidate found guilty of seeking support for his/her candidature by offering illegal gratification or applying pressure on any person connected with the conduct of the recruitment process or found indulging in any type of malpractice in course of the selection or otherwise, shall, in addition to rendering himself/herself liable to criminal prosecution, be disqualified not only for the recruitment for which he/she is a candidate, but also may be debarred, either permanently or for a specified period, from any recruitment or selection to be conducted by the Commission;

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- (ii) The provisions of the Odisha Conduct of Examination Act 1988 (Odisha Act - 2 of 1988) are applicable to the examination conducted by the Odisha Public Service Commission;
- (iii) **Online applications submitted to OPSC if found to be incomplete in any respect are liable to rejection without entertaining any correspondence with the applicants on that score;**
- (iv) **Admission written examination / Viva Voce test will be provisional.** If on verification at any stage before or after the **written examination / Viva Voce test**, it is found that a candidate does not fulfil all the eligibility conditions, his/her candidature will be liable to rejection. Decision of the Commission in regard to eligibility or otherwise of candidate shall be final;
- (v) This advertisement should not be construed as binding on the Government to make appointment;
- (vi) Concessions meant for **S.T. / S.C. by birth** are admissible to the Scheduled Tribe & Schedule Caste of Odisha only;
- (vii) Candidates who will called for the Viva Voce Test are required to take due care to annex with the printout/hard copy of online applications, the copies of certificates and other requisite documents as stated under Para - 9 of this Advertisement;
- (viii) Any misrepresentation or suppression of information by the candidate in the online application, will result in cancellation of his/her candidature or penalty, as decided by the Commission be imposed on the candidate;
- (ix) The period of probation is two years.
- (x) All persons appointed under the Government of Odisha on or after 1<sup>st</sup> January, 2005 shall not be eligible for pension as defined under sub-rule (1) of Rule - 3 of the Odisha Civil Service (Pension) Rules, 1992; but shall be covered by the defined Contribution Pension Scheme in accordance with the Odisha Civil Services (Pension) Amendment Rules, 2005;
- (xi) Mere empanelment in the select list shall not confer any right for appointment unless the Government is satisfied after making such enquiry as may be deemed necessary that the candidate is suitable in all respects for appointment to the service.
- (xii) If one candidate furnishes more than one application, the Commission will consider the information / data of the latest application having higher ID Number.

**9. CERTIFICATES/DOCUMENTS TO BE ATTACHED:**

Candidates those who are called for the Viva Voce test will be required to bring with them the hard copy of online application form along with copies of certificate, mark sheets etc. and original of the same for verification prior to the date of Viva Voce test which will be notified later on in due course, failing which he/she shall not be allowed to appear at the Viva Voce test. The candidates are required to mention on copy of each document "Submitted by me" and put their full signature & date on the same

- (i) H.S.C. or equivalent certificate in support of declaration of age issued by the concerned Board /Council;
- (ii) Intermediate/+2 Examination Certificate issued by the concerned Board/ Council;
- (iii) Degree Certificate issued by the recognized University;
- (iv) Post Graduate Degree Certificates issued by recognised University

- (v) Mark-sheets in support of all the aforesaid Examination (H.S.C. to Post Graduate Degree / Degree) passed including fail marks, if any, issued by the concerned Board / Council /University.

**NOTE- 1:** (a) Candidates who have not been awarded percentage of marks, but only "GRADE MARKS", should, along with their applications, produce the conversion certificate from the concerned University indicating the actual equivalent percentage of marks and the conversion formula failing which, their applications are liable to be rejected.

(b) While filling up the marks in the online application form, the candidate has to mention the actual marks secured by him/her in the H.S.C, +2, Post Graduate Degree/ Degree, etc (excluding the marks secured in the Extra Optional subjects)

- (vi) Two recent passport size photographs (unsigned & unattested) which has been uploaded with Online Application Form.
- (vii) Caste Certificate **by birth** in support of claim as S.T / S.C.
- (viii) Aadhaar Card
- (ix) Required Odia Pass Certificate from the competent authority, wherever applicable;
- (x) Disability Certificate (indicating percentage of disability) issued by the concerned Medical Board, wherever applicable;
- (xi) OPSC copy of Challan showing payment of examination fees, wherever applicable.
- (xii) If a candidate claims to possess qualification, equivalent to the prescribed qualification, the rule/authority (With number and date) under which it is so treated, must be furnished with the Application Form.

**NOTE 2:** Candidates claiming to be belonging to S.T. / S.C. Category by birth are required to submit copy of the relevant Caste Certificate issued by the competent authority in the prescribed form.

Women candidates belonging to S.T. / S.C. Categories are required to submit Caste Certificates by birth showing "daughter of .....". Caste Certificates by virtue of marriage (i.e. showing "wife of .....") is not acceptable.

The competent authorities are: - District Magistrate/ Collector or Additional District Magistrate or Sub-divisional Magistrate/Sub-Collectors or Executive Magistrates or Revenue Officers, not below the rank of Tahasildar /Additional Tahasildar of Government of Odisha;

**NOTE 3:** Post Graduate Degree Certificate, Degree Certificate, Caste Certificate, Disability Certificate & Odia Test Pass Certificate must have been issued by the competent authority within the last date fixed for receipt of online application form as indicated above.

**10. GROUNDS OF REJECTION OF APPLICATION:-**

Applications of candidates will be rejected by the Commission on any of the following grounds:-

- (a) In-complete online application form.
- (b) Non-submission of hard copy of online application form at the time of verification of original documents.

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- (c) Declaration not signed (full signature) by the candidate in the hard copy of online application form.
- (d) Age limit of candidate not coming under Para - 3 of Advertisement
- (e) No required educational qualification as provided under Para - 4 of Advertisement.
- (f) Not furnished copies of certificates/documents as provided under Para - 9 of Advertisement.
- (g) Odia Test (M.E. standard) not passed / Odia Test pass evidence not furnished as required under Para 7 (ii) of the Advertisement.
- (h) Non-payment of examination fee, (wherever applicable), as provided under Para - 5 of Advertisement.
- (i) Submission of wrong information / false information about qualification / Age / O.T. Pass evidence / Category Status (ST/ S.C. /PWD /Women etc.).
- (j) Suppression of facts / information about eligibility, if any.
- (k) Any other ground as per the decision of the Commission.

11. HOW TO APPLY:

- (a) Candidates must go through the details of this Advertisement available in the Website of OPSC before filling up online application form.
- (b) Candidates must apply online through the concerned Website of the OPSC <http://opsconline.gov.in>. Applications received through any other mode would not be accepted and summarily rejected.
- (c) Before filling up the online application form, the candidates must go through the following documents available at OPSC portal.
  - (i) Instruction to fill up online application.
  - (ii) Guidelines for scanning and Uploading of Photograph, Full Signature & Left Hand Thumb Impression.
- (d) Candidates are requested to upload the scanned image of latest passport size photograph along with scanned image of his/her full signature and scanned image of Left hand Thumb Impression(LTI) in the online application form. Uploaded photograph, Specimen (full) signature and LTI must be clearly identifiable / visible, otherwise the application of the candidate is liable to be rejected by the Commission and no representation from the candidate will be entertained.
- (e) Candidates should keep at least two copies of latest passport size photograph which is uploaded to the online application form for future use.
- (f) On successful submission of the online application form, a Unique Registration ID will be displayed on the screen as well as on the top of the application form. Candidates are required to take printout of the finally submitted online application form and put his/her signature under the declaration. The shortlisted candidates should submit the same to OPSC along with copies of requisite certificate & documents at the time of verification of original documents which will be notified later on in due course.

- (g) The candidates are advised to submit the Online Application Form well in advance without waiting for the closing date to avoid last hour rush.
- (h) Intimation Letter for the V.V. test to the shortlisted candidates will be uploaded in the Website of OPSC well before the date of Viva Voce test. The candidates are required to download their Intimation Letter from the Website of the Commission. No separate Intimation Letter will be sent to the candidate.

**12. FACILITATION COUNTER:**

For any Technical guidance for filling up of the online application form the candidate may contact facilitation counter of O.C.A.C. (Odisha Computer Application Centre) over toll free Telephone No. 18003456770 or 155335 between 10.30 A.M. to 1.30 P.M. & 2.00 P.M. to 5.00 P.M. on any Odisha Government working day.

Regarding difficulty in payment of fee, if any, the candidates may contact SBI over Telephone No. 0671-2368267 & 9437039604.

In case of any guidance/information on this advertisement & recruitment, candidates may go through the FAQ available in the website of the Commission or contact the O.P.S.C. Facilitation Counter over Telephone No. 0671-2304141/2305611 & Extn.- 205 on any working day between 10.30 A.M. to 1.30 P.M. & 2.00 P.M. to 5.00 P.M.

The candidates are required to visit the website of the Commission at <http://opsconline.gov.in> OR <http://opsc.gov.in> for detail information about important notice, rejection of application, the date & time of Viva Voce test and also keep track of publication of various notices to the effect in the leading local daily newspapers for information.


**CLOSING DATES**

- (A) ONLINE APPLICATION SHALL BE AVAILABLE IN THE WEBSITE FROM 28.09.2018 TO 27.10.2018 TILL 11.59 P.M.
- (B) LAST DATE OF RECEIPT OF APPLICATION FEE AT ANY BRANCH OF STATE BANK OF INDIA IS 31.10.2018

**NB: - THE ONLINE APPLICATION FORMS IF FOUND DEFECTIVE IN ANY RESPECT IS LIABLE TO BE SUMMARILY REJECTED.**

CUTTACK

DATE - 17.09.2018

  
SECRETARY

ODISHA PUBLIC SERVICE COMMISSION  
CUTTACK

## Syllabus for recruitment to the post of Geologist, Geophysicist and Mining Officer

The written examination will consist of 02 (Two) papers with 500 marks (total). All question papers will be set in English and the same should be answered in English only. The maximum mark for the Viva Voce test is 50.

### 1. Paper – I – General Studies & Awareness Test of all categories of Posts.

Paper	Pattern	Syllabi	No of Questions	Marks	Duration
1	2	3	4	5	6
General Studies & Awareness	Objective Type / Multiple Choice Questions	Current Affairs	25	50	2 hours
		History & Geography	40	80	
		General Science	20	40	
		Economics	15	30	
Total			100	200	

### 2. Paper – II – Specialisation Paper for each post.

Name of the Posts	Subject	Patten	No of Questions	Total Marks	Duration
1	2	3	4	5	6
Geologist	Geology	Objective Type / Multiple Choice Questions	150	300	3 Hours
Geophysicist	Geophysics	Objective Type / Multiple Choice Questions	150	300	3 Hours
Mining Officer	Mining Engg. / Applied Geology (Candidate shall required to choose one subject)	Objective Type / Multiple Choice Questions	150	300	3 Hours

#### **Broad Outlines of Paper – I – General Studies & Awareness Test.**

The paper in General Studies & Awareness will include Knowledge of Current Affairs, History & Geography, General Science and Economics as may be expected of a Graduate person.

#### **Broad Outlines of Paper – II - Specialisation Paper.**

##### **For the post of Geologist:**

- (a) Geomorphology
- (b) Structural Geology
- (c) Geodynamics



- (d) Stratigraphy
- (e) Palaeontology
- (f) Igneous Petrology
- (g) Sedimentology
- (h) Rock Mechanics
- (i) Remote Sensing
- (j) Geographical Information System

**For the post of Geophysicist:**

- (a) Solid Earth Geophysics
- (b) Earthquake and Engineering Seismology
- (c) Mathematical Methods in Geophysics
- (d) Electrodynamics
- (e) Electrical and Electromagnetic methods
- (f) Geophysical Signal Processing
- (g) Remote Sensing and GIS (Geographical Information System) applications
- (h) Disaster Management
- (i) Structural Geology

**For the post of Mining Officer (Applied Geology):**

- (a) Disaster Management
- (b) Energy Resources
- (c) Economic Geology
- (d) Paleontology
- (e) Mineralogy
- (f) Structural Geology
- (g) Geochemistry
- (h) Sedimentology
- (i) Ore Geology
- (j) Rock Mechanics
- (k) Remote Sensing
- (l) Geographical Information System
- (m) Petroleum Geology

**For the post of Mining Officer (Mining Engineering):**

- (a) Exploration Drilling
- (b) Explosives and Initiating Systems
- (c) Drilling & Blasting in Surface Mines
- (d) Drilling & Blasting in Underground Mines
- (e) Linear Measurement
- (f) Angular Measurement
- (g) Levelling
- (h) Contours: Concepts
- (i) Plane Table Surveying
- (j) Introduction to Mining
- (k) Mineralogy & Petrology
- (l) Introduction to theory of Machines

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