



ODISHA PUBLIC SERVICE COMMISSION

ADVERTISEMENT NO. 06 OF 2020-21

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

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

Online applications are invited from the prospective candidates through the proforma application to be made available on the Website of the Commission (<http://opsc.gov.in>). The link for registration/ re-registration and payment of examination fee shall be available from **21.10.2020 to 20.11.2020** (*Note: 27.11.2020. is the last date for submission of Registered Online Application.*) for recruitment to 32 (Thirty two) posts of Geologist, 03 (Three) posts of Petrologist, 02 (Two) posts of Geophysicist and 05 (Five) posts of Mining Officer in Group - A of Odisha Mining and Geology Service under Steel and Mines Department in the scale of pay of Rs. 56,100/-, in Level 12, Cell - 1 of ORSP Rules, 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 Posts reserved				
			UR	SEBC	SC	ST	PWD
1	2	3	4	5	6	7	8
1	Geologist	32 (11-w)	17(6-w)	3(1-w)	5(2-w)	7(2-W)	01(HI)
2	Petrologist	03(1-w)	02(1-w)	01	0	0	0
3	Geophysicist	02(1-w)	01(1-w)	0	01	0	0
4	Mining Officer	05 (2-w)	03(1-w)	01	01(1-w)	0	0

- 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
- The exchange of reservation between S.C. & S.T. will not be considered.
- Out of the total vacancies, **one (01)** post is reserved for **PWD candidates** who are **Hearing Impaired (with suitable aid) for the post of Geologist only.**
- The PWD candidates are not eligible for the post of Mining Officer. The Physical requirement and Functional classification of Persons With Disabilities (having 40% and more permanent disability) for the post of Geologist, Petrologist & 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	
SE - Work performed by seeing	BL (MNR) - Both legs affected but not arms (Mobility not be restricted)
H - Work performed by hearing / speaking	
MF - Work performed by manipulating (with fingers)	
RW - Work performed by reading & writing	HI (with suitable aid) - Partially deaf

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 1st day of August 2019 i.e. he/she must have been born not earlier than 2nd August, 1987 and not later than 1st August, 1998.

Provided that the upper age limit shall be relaxable by five (5) years for candidates belonging to the categories of Scheduled Caste, Scheduled Tribe, Socially and Educationally Backward Classes and Women and by cumulative ten (10) years for Persons With Disabilities whose permanent disability is Forty percent (40%) and more.

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 2nd 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.

Petrologist:-

A candidate must hold at least 2nd class MSc in Geology or Applied Geology from any recognized University in India or Diploma in Applied Geology from Indian School of Mines & 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 2nd Class Post-graduate degree in exploration or Applied Geophysics from any recognized University or the degree in Geology and Geophysics from the IIT or equivalent degree, diploma or certificate from any recognized Institution.

Mining Officer:-

A candidate must hold at least 2nd 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 ₹ 500/- (Rupees five hundred) only. Candidates belonging to Scheduled Caste and Scheduled Tribe of Odisha and Person with Disability (whose permanent disability is 40% and more) are exempted from payment of this fee.

The candidates are required to make Online payment of applicable Examination Fee(s) through OPSC portal using Debit Card/Credit Card /Net Banking facilities and other financial instruments enlisted in the Payment Page/Gateway of the Odisha Government Treasury Portal. The fee(s) paid shall neither be refunded under any circumstances nor can 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) 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.
- (iii) The candidate must be able to read, write and speak 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);
- (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) 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".
- (vi) 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);
- (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 newspaper as well as copy of notification in the Odisha Gazette in support of his/her change of name.

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- (viii) **Only those candidates, who fulfil the requisite qualification & are within the prescribed age limit etc. by the closing date of submission of online application, will be considered eligible;**
- (ix) 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;

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;
- (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) Every Geologist/Petrologist/Geophysicist/Mining Officer on his/her first appointment to the service shall be on probation for a period of two years from the date he/she actually joins in the post. The appointment can be terminated on one months notice from either side without assigning any reason thereof.
- (vii) Concessions meant for **S.T. / S.C. by birth** are admissible to the **Scheduled Tribe & Schedule Caste of Odisha only;**
- (viii) Candidates who will be 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;
- (ix) All persons appointed under the Government of Odisha on or after 1st 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;
- (x) **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;**

- (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.

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 originals 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. They must not attach the original certificates to their applications.**

- (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 /Diploma Certificate issued by 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./S.E.B.C.
- (viii) Aadhaar Card.
- (ix) Required Odia Pass Certificate from the competent authority, wherever applicable;
- (x) Disability Certificate (indicating percentage of permanent disability) issued by the concerned Medical Board, wherever applicable;
- (xi) 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.
- (xii) Pay-in-slip/document in support of payment of examination fees
- (xiii) No Objection Certificate in case of Government Servants.

NOTE 2:

Candidates claiming to be belonging to S.T. /S.C. / S.E.B.C Category by birth are required to submit copy of the relevant Caste Certificate as mentioned in their online application form and issued by the competent authority in the prescribed form. Candidates of SEBC category (other than Creamy Layer) must submit copy of Caste Certificate issued by the competent authority within the last three years by the closing date for submission of online application form in the prescribed form. The SEBC certificate which is more than three years old by the closing date of submission of online application form is liable for rejection.

- (i) Women candidates belonging to S.C. /S.T. /S.E.B.C Categories are required to submit Caste Certificates by birth showing “daughter of”. Caste Certificates by virtue of marriage (i.e. showing “wife of”) are not acceptable and liable for rejection
- (ii) O.B.C. CERTIFICATES WILL **NOT BE ACCEPTED** IN LIEU OF S.E.B.C. CERTIFICATES AND CANDIDATES SUBMITTING OBC CERTIFICATES ARE LIABLE FOR REJECTION.
- (iii) CANDIDATE WHO SUBMITS S.E.B.C CERTIFICATE WHICH IS MORE THAN THREE YEARS OLD BY THE CLOSING DATE FOR SUBMISSION OF ONLINE APPLICATION FORM ARE LIABLE FOR REJECTION.
- (iv) Community (Caste status) once mentioned by the candidates shall not be changed under any Circumstances.

The competent authorities to issue caste certificates 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, Odia Test Pass Certificate and Disability Certificate of Persons with Disabilities (indicating % of permanent disability) must have been issued by the competent authority within the last date fixed for submission of online application form.

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.
- (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 (iii) 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.**
- (l) **The candidates rejected on the ground of non-payment of fees may inform to the office of the Commission within 07 days from date of rejection notice published failing which his/her case will not be entertained.**

N.B:- APPLICATION / CANDIDATURE OF A CANDIDATE SHALL BE REJECTED AT ANY STAGE OF RECRUITMENT PROCESS, WHEN DISCREPANCY IS NOTICED /DETECTED.

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://opsc.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) **Instructions to fill up online application.**
- (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 Registration, an unique "Permanent Public Service Account Number (PPSAN)" will be assigned to the applicant. Applicants are required to take printout of the finally submitted online Registration/Re-registration and Application forms for submission to OPSC with ink signed signature and along with copies of requisite certificate & documents.*
- (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.

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- (h) Admission Letter for the eligible candidates to appear in the Examination shall be uploaded in the Website of the OPSC prior to the date of examination which will be published in the Website and Newspapers. The candidates are required to download their Admission Letter from the Website of the Commission and produce the same at the Examination centre for admission to the examination. No separate correspondence will be made on this score.
- (i) Any complaint on the conduct of examination must be sent to the Grievance Wing of the Commission by e-Mail (opsc@nic.in) within 05 (Five) days of completion of the examination.

12. FACILITATION COUNTER:

To resolve any Technical problem faced in filling up of online Registration/Re-registration and Application forms, candidate may contact OPSC Technical Support over Telephone No. 0671-2304707 between 10.30 A.M. to 1.30 P.M. & 2.00 P.M. to 5.00 P.M. on any Odisha Government working days.

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://opsc.gov.in> for detailed information about important notice, rejection of application, the date & time of Interview and also keep track of publication of various notices to the effect in the leading local daily newspapers for information.

CLOSING DATES

(A) ONLINE REGISTRATION/RE-REGISTRATION AND ONLINE PAYMENT OF EXAMINATION FEES SHALL BE AVAILABLE IN THE WEBSITE FROM 21.10.2020 TO TILL 20.11.2020 (11:59 P.M).

(B) SUBMISSION OF ONLINE REGISTERED APPLICATIONS CAN BE DONE IN THE WEBSITE FROM 21.10.2020 TO TILL 27.11.2020 (11.59 P.M).

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

CUTTACK

DATE -



SECRETARY

ODISHA PUBLIC SERVICE COMMISSION
CUTTACK

Annexure

Syllabus for recruitment to the post of Geologist, Petrologist, 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	Pattern	No of Questions	Total Marks	Duration
1	2	3	4	5	6
Geologist	Geology	Objective Type /Multiple Choice Questions	150	300	3 Hours
Petrologist	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 be 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/Petrologist:

- (a) Geomorphology
- (b) Structural Geology

- (c) Geodynamics
- (d) Stratigraphy
- (e) Palaeontology
- (f) Igneous Petrology
- (g) Sedimentology
- (h) Metamorphic Petrology
- (i) Rock Mechanics
- (j) Remote Sensing
- (k) 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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