



**ODISHA PUBLIC SERVICE COMMISSION**  
**ADVERTISEMENT NO. 08 OF 2024-25**

**Recruitment to the posts of Assistant Industries Officer in Class – II (Group-B) of Odisha Industries Service under Micro, Small & Medium Enterprise Department.**

**WEBSITE: [www.opsc.gov.in](http://www.opsc.gov.in)**

Online applications are invited from the prospective candidates through the Proforma application form to be made available on the website (<https://www.opsc.gov.in>). **The link for online application and submission shall be available from 15.01.2025 to 15.02.2025. (Note: 15.02.2025 is the last date/ closing date for submission of Registered Online Application)** for recruitment to **151 (One Hundred and Fifty-One)** posts of **Assistant Industries Officer** in Class – II (Group-B) of Odisha Industries Service under Micro, Small & Medium Enterprise Department in the pre-revised Scale of Pay of Rupees 9,300-34,800/- with Grade Pay of Rs. 4,600/- i.e., in the revised scale of pay of Level -10, Cell- 01 of Pay Matrix under 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 furnished by the MS&ME Department, Government of Odisha, the category wise vacancy position along with reservation thereof is given below: -

<b>Sl. No.</b>	<b>Category</b>	<b>No. of Vacancies</b>
<b>1</b>	<b>2</b>	<b>3</b>
1	Unreserved	52 (17-w)
2	SEBC	18 (06-w)
3	Scheduled Caste	35 (12-w)
4	Scheduled Tribe	46 (15-w)
<b>Total</b>		<b>151 (50-w)</b>

Out of the total **151** number of vacancies mentioned above, **02** posts are reserved for Sports Persons, **05** for Ex-Servicemen and **06** posts are reserved for Persons with Disabilities **whose permanent disability is 40% or more**. The candidates belonging to Sports Persons, Ex-Servicemen and Persons with Disabilities shall be adjusted against the categories to which they belong. The details of such reservations are mentioned below.

<b>Sl. No.</b>	<b>Sub-Category</b>	<b>No. of Posts</b>
<b>1</b>	<b>2</b>	<b>3</b>
(i)	<b>Sports Person</b>	<b>02</b>
(ii)	<b>Ex-Servicemen</b>	<b>05</b>
(iii)	<b>Person with Disabilities</b>	<b>06</b>
	A. Category – I (a. Blindness or Low Vision)	02
	B. Category – II (b. Deaf and Hard of Hearing)	02
	C. Category – III (c. Locomotor Disability Including Cerebral Palsy, leprosy cured, dwarfism, acid attacked victims and muscular dystrophy)	01
	D. Category – IV (d. Autism, intellectual disability, specific learning, disability and mental illness and e. Multiple disabilities from amongst persons under clause a to d including deaf-blindness in the posts identified for each disability from time to time.	01

**NOTE: -**

- a) Candidates must upload their Permanent Disability Certificate. Certificate showing Temporary Disability will not be accepted and the application shall be liable for rejection.
- b) Candidates claiming reservation against Sports Persons Quota shall submit Sports Identity Card/ Certificate issued by the Director of Sports, Odisha as per General Administration Department Resolution No. 24808/GA, dt. 18.11.1985.
- c) According to the Odisha Ex-Servicemen (Recruitment to State Civil Services and Posts) Amendment Rules, 2021 issued vide General Administration and Public Grievance Department Notification No. 15318/Gen., dt. 09.06.2021, those Ex-Servicemen who have already secured regular employment under the State Government in civil posts and services would be permitted the benefit of age relaxation as admissible for ex-servicemen for securing another employment in any higher post or service under the State Government, but such candidates shall not be eligible for benefit of reservation, if any, for Ex-Servicemen in the State Government.
- d) Candidates furnishing SEBC certificate which is issued more than 03 years prior to the date of submission of online application, shall not be considered under SEBC category.
- e) Experience has shown that candidates obtain SC/ST/SEBC certificate etc. prior to the date of application and upload the same along with online application. Such certificates sometimes get cancelled subsequently. If the cancellation of certificate is detected at any subsequent stage, the candidature of such candidates will be cancelled under that category.
- f) In case of non-availability of eligible/suitable women candidates belonging to the respective categories, the unfilled vacancies of that category shall be filled up by eligible or suitable male candidate(s) of the same category.

- g) Exchange of reservation between Scheduled Caste and Scheduled Tribe will not be considered in the event of non-availability of eligible and suitable S.C. / S.T. candidates.
- h) The number of vacancies to be filled up on the basis of this recruitment is subject to change by the Government without notice, depending upon the exigencies of public service at the discretion of the State Government.

### 3. **AGE:**

A candidate must have attained the age of **21 (Twenty-one)** years and must not be above the age of **38 (Thirty-Eight)** years as on the **1<sup>st</sup> day of January 2024** i.e., he/she must have been born **not earlier than 2<sup>nd</sup> January 1986 and not later than 1<sup>st</sup> January 2003.**

Provided that the upper age-limit prescribed above shall be relaxed by **five (05) years** for candidates belonging to the categories of Socially & Educationally Backward Classes (S.E.B.C.), Scheduled Caste (S.C.), Scheduled Tribe (S.T.), Women & Ex-Servicemen and **ten (10) years** for Persons with Disabilities whose **permanent disability is Forty percent (40%) or more.**

**Persons with Disabilities belonging to SEBC/ SC/ ST categories are eligible for cumulative age relaxation benefit of fifteen (15) years.**

Provided that a candidate who comes under more than one category mentioned above, he/she shall be eligible for only one benefit of upper age relaxation, 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:**

A candidate must have **possessed B.E. or B. Tech or equivalent degree in any Engineering discipline** from a recognized university or educational institution of India or abroad.

### 5. **EXAMINATION FEE:**

The examination fee for all categories of candidates has been exempted as per **GA&PG Department Notification No. 9897/Gen, dt. 11.04.2022.**

## 6. METHOD OF SELECTION:

- (a) The selection of candidates for recruitment to the posts of Assistant Industries Officer shall be made on the basis of **Written Examination & Personality Test (Interview)**.
- (b) The **Written Examination** shall comprise of **two (02) papers** namely:
  - (i) **Paper – I** – General English, General Awareness and General Aptitude – **100 marks**
  - (ii) **Paper – II** – Basic Engineering - **300 marks**.
- (c) **Both Paper – I & Paper – II** shall consist of Multiple-Choice Questions (**MCQ pattern**).
- (d) **Paper – I** shall consist of **100 questions**, each carrying **one (01) mark**.
- (e) The **time duration of Paper – I** shall be **02 hours**.
- (f) **Paper – II** shall consist of **150 questions**, each carrying **two (02) marks**.
- (g) The **time duration of Paper – II** shall be **three (03) Hours**.
- (h) There shall be negative marking for each wrong answer/ response with a deduction of **25% of marks** allotted to a particular question in both the papers.
- (i) There shall be no deduction for un-attempted questions.
- (j) The detailed **scheme of examination and syllabus** for the Written Examination (Two papers) is **enclosed at Annexure – I**.
- (k) The **Qualifying Marks** to be eligible to be called for the Personality Test is **35% in the Written Examination** out of 400 Marks **for UR Category** candidates and **30% for SEBC/SC/ST & PwD Category** candidates. However, the Commission, at its discretion, may lower the qualifying marks further for all/ specific categories of candidates only if sufficient number of candidates are not available to appear for the Personality Test. **The qualifying marks for Sports Person and Ex-Servicemen will be same as their respective caste category as above.**
- (l) The **Personality Test** shall be of **50 marks**.
- (m) The qualifying candidates will be shortlisted for the Personality Test based on the Marks secured in the Written Examination out of 400 Marks in a ratio of 1:2 of the advertised vacancies. In case where the vacancy is 2 or less, 5 numbers of candidates will be called for the Personality Test."
- (n) On the basis of the result of the competitive examination (Written Examination & Personality Test), the Commission shall prepare a list of successful candidates found suitable for appointment in order of merit subject to reservation for different categories.
- (o) Where two or more candidates secure equal marks in the aggregate the following principle shall be adopted: -

If two or more candidates secure **equal marks in the aggregate**, the order of merit shall be determined in accordance with **highest marks secured** by such candidates **in the written examination**.

In case of **further tie** (i.e. marks obtained in aggregate & as well as written examination), the merit will be arranged **in order of date of birth (i.e. the older in age will be ranked higher)**.

**Note: - Any details relating to this recruitment like cut-off marks, answer keys, individual marks etc. shall only be declared on the website of the Commission after publication of the final results and select list.**

#### **7. DATE OF EXAMINATION**

The Written Examination will be held tentatively in the month of June, 2025. The Date of Examination, detailed Schedule and Centre of Examination will be notified in due course.

#### **8. PLACE OF EXAMINATION:**

The venue of the Written Examination for the posts of Assistant Industries Officer will be located at Cuttack/ Bhubaneswar/ any other place as decided by the Commission.

#### **9. OTHER ELIGIBILITY CONDITIONS:**

- i. The candidate must be a citizen of India;
- ii. He/ She must be of good mental condition and bodily health and free from any physical and mental defect, likely to interfere with the discharge of his or her duties in the service.
- iii. He/ She must have –
  - a. Passed Standard – VII examination with Odia as a language subject from a school or educational institution recognized by the Government of Odisha or the Central Government; **or**
  - b. Passed Matriculation or equivalent examination with Odia as medium of examination in non-language subject; **or**
  - c. Passed a test in Odia of Class – VII Standard conducted by School & Mass Education Department of Government of Odisha/ Board of Secondary Education, Odisha.
- 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 & Para-4 of the Advertisement respectively. They must inform their respective Heads of the Office in writing regarding submission of their application for this recruitment and furnish "No Objection Certificate" during document verification. So, the candidates must obtain NOC well in advance.
- 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** to apply for that specified period / chance(s);
- vii. **Only those candidates, who are within the prescribed age limit, possess the requisite qualifications and fulfill other eligibility conditions strictly etc. by the closing date for submission of registered online application form, will be considered eligible.**

- viii. Every candidate selected for appointment shall be examined by the Medical Board. A candidate, who does not satisfy the requirement after medical examination, shall not be appointed to the service.

#### **10. 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 for rejection without entertaining any correspondence with the applicants on that score;**
- (iv) **Admission to Written Examination/ Personality Test will be provisional. If on verification at any stage before or after the Examination/Personality Test/ Publication of Result, it is found that a candidate does not fulfil all the eligibility conditions, his/her candidature will be liable for rejection. Decision of the Commission with 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) **Reservation and Relaxation etc. meant for S.C. / S.T. by Birth and SEBC are admissible to the Scheduled Castes / Scheduled Tribes and Socially & Educationally Backward Classes of Odisha only;**
- (vii) 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 Contributory Pension Scheme in accordance with the Odisha Civil Services (Pension) Amendment Rules, 2005;
- (viii) Any misrepresentation or suppression of information by the candidate in the online application form will result in cancellation of his/her candidature or penalty, as decided by the Commission shall be imposed on the candidate;
- (ix) 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.

- (x) A candidate who claims change in his/her name after having passed the H.S.C. examination, is required to furnish copy of publication of the changed name in the local leading daily newspaper as well as copy of notification in the Gazette in support of his/her change of name;
- (xi) **Submission of NPS application is mandatory for all recommended candidates at the time of joining in Government services.**

**11. CERTIFICATES AND DOCUMENTS TO BE ATTACHED:**

Candidates who qualify in the written examination will be required to bring with them the hard copy of online application form along with copies of relevant certificates/documents and originals of the same as mentioned below for verification of their eligibility as per terms and conditions of the advertisement, the date of which shall be notified later on in due course, failing which his/her application will be rejected for the said post. The candidates are required to mention on each copy of documents **"Submitted by me and Certified as genuine and has not been cancelled"** and put their **full signature and 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/ Diploma Certificate issued by the concerned Board/Council;
- iii. B.E./ B. Tech Degree Certificate issued by the recognized University/Institution;
- iv. Mark-sheets in support of all the aforementioned examinations passed (i.e HSC to B.E./ B. Tech Degree) including fail marks, if any, issued by the concerned Board/Council/University/Institution as the case may be;

**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 relevant box of the online application form, the candidate has to mention the actual marks secured (**excepting marks secured in the Extra Optional/4<sup>th</sup> Optional Subject**) in each semester/examination passed (i.e. H.S.C. to B.E./ B. Tech).
- v. Four recent passport size photographs within six months (**unsigned and unattested**) which have been uploaded in the online application forms.
  - vi. **Caste Certificate in support of claim as SEBC / SC / ST, wherever applicable (Please see Note: 2);**
  - vii. Required Odia Test Pass Certificate;

- viii. Persons with Disabilities are required to submit/upload Permanent Disability Certificate (indicating percentage of permanent disability i.e., 40% or more) issued by the concerned Medical Board wherever applicable;
- ix. **Ex-Servicemen are required to submit/upload Release Certificate issued as per Orissa Ex-Servicemen (Recruitment to State Civil Services and Posts) Rules, 1985 vide G.A. Department notification No.22856-Gen., dt.16.10.1985.** Further, Ex-Servicemen candidates must submit an Affidavit, undertaking that he/she has not been appointed against any civil posts and services after retirement from military service [**Refer Note-(c) under Para-2**]. **Format of Affidavit is enclosed at Annexure-II.**
- x. Sports Identity Card/Certificate issued by the Director of Sports Odisha; wherever applicable.
- xi. No Objection Certificate issued by the Competent Authority/Head of Office; 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.
- xiii. Proof of identity i.e., Aadhar / EPIC/ DL/ Passport/PAN Card.

**NOTE -2:**

- (a) **Candidates claiming to be belonging to S.C. /S.T. categories of Odisha by birth and S.E.B.C are required to submit copy of the relevant Caste Certificate issued by the competent authority in the prescribed form.**
- (b) **The candidates applying against SEBC Category (Non-Creamy Layer) must submit Caste Certificate issued by the Competent Authority not more than 03 years before the date of submission of online application form. For example, if a candidate is submitting the online application on 21.11.2024; the SEBC certificate must have been issued on or after 22.11.2021. If such certificate is issued before 22.11.2021 will not be treated as valid and the candidate will not be considered under SEBC category.**
- (c) **Women candidates belonging to S.C. / S.T. categories by birth and S.E.B.C are required to submit Caste Certificates showing "daughter of .....". Caste Certificates by virtue of marriage (i.e. showing "wife of .....") are not acceptable and liable for rejection.**
- (d) **OBC certificate will not be accepted in lieu of SEBC certificate.**
- (e) **Community (Caste status) once mentioned by the candidates in the online application form shall not be changed under any circumstances.**

**The Competent Authorities are as prescribed by the Government of Odisha under relevant Reservation Rules.**



**NOTE-3:**

**B.E./ B. Tech Degree Certificate, SC/ST Caste Certificate, Odia Test pass certificate, Sports Identity Card issued by the Director of Sports, Odisha in case of Sports Persons, Permanent Disability Certificate of Person with Disabilities (indicating % of permanent disability) and Release Certificate of Ex-Serviceman [issued as per Orissa Ex-Servicemen (Recruitment to State Civil Services and Posts) Rules, 1985 vide G.A. Department notification No.22856-Gen., dt.16.10.1985] must have been issued by the Competent Authority on or before the date of submission of the registered online application form by the candidate.**

**12. GROUND 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) **Not passing Odia Test (M.E. standard)/not furnishing Odia Test pass evidence by the date for submission of registered online application form as required under Para-9 (iii) of the Advertisement.**
- (e) **Not coming within the age limit as mentioned in Para-3 of the advertisement (Age relaxation shall not be allowed to P.W.D. candidates with less than 40% permanent disability).**
- (f) **Not having prescribed requisite qualification by the date of submission of registered online application form as provided under Para-4 of the advertisement.**
- (g) **Not furnishing copies of certificates/documents as provided under Para-11 of the Advertisement.**
- (h) **Submission of wrong information / false information/ forged manipulated certificates/ testimonials with respect to qualification/ Age/ Category status (SEBC/ SC/ ST/ PWD/ Ex-Servicemen/Sports Person/Women)/ Odia Test pass evidence etc.**
- (i) **Suppression of facts / information about eligibility, if any.**
- (j) **Any other ground as per the decision of the Commission.**

**NB: Application /candidature of a candidate shall be rejected at any stage of recruitment process, when discrepancy is noticed/ detected.**

**13. HOW TO APPLY:**

- a. Candidates must carefully 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 detailed instructions available at OPSC portal.**
- d. The online application form is automated and system driven & will guide the candidate seamlessly in filling the application. The requisite options shall be enabled and information shall be asked as per data furnished by the candidate. Before filling up the information, ensure that accurate information is fed. The candidate must also verify the submitted copy of online application after its submission. If the candidate further wants to modify any information, she/he has to cancel the application and apply again within the last date of submission of application.
- e. 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.
- f. Candidates should keep at least four copies of latest passport size photograph which is uploaded to the online application form for future use.
- g. *On successful submission of the online Registration, a unique "Permanent Public Service Account Number (PPSAN)" will be assigned to the applicant. Candidates are required to take a printout of the finally submitted online Registration/Re-registration and finally submitted Online Application forms and put his/her signature under the declaration for submission to OPSC along with copies of requisite certificate & documents as and when asked.*
- h. **The candidates are advised to submit the Online Application Form well in advance without waiting for the closing date to avoid the last hour rush.**
- i. Certificate of Admission to the written examination to the eligible candidates will be uploaded in the Website of the OPSC prior to the date of written examination, which will be published in the Website of the Commission and Newspapers. The candidates are required to download their Admission Certificate from the Website of the Commission and produce the same at the Examination centre for admission to the written examination. No separate correspondence will be made on this score.
- j. "NOTICE" to candidates for document verification & personality test shall be uploaded in the website of OPSC prior to the date of Document Verification/Interview.
- k. **Any complaint** on the conduct of examination must be sent to the Grievance Wing of the Commission by e-Mail ([opsc@nic.in](mailto:opsc@nic.in)) within **07(Seven) days of completion of the examination.**
- l. **Experience has shown that the candidates do submit online application form with omission/error/without uploading documents and subsequently send e-mail/letter to the Commission for rectification. The Commission is under no obligation to entertain such request/representation.**

**14. FACILITATION COUNTER:**

To resolve any technical problem faced in filling up online 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 5.30 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 01.30 P.M. & 02.00 P.M. to 5.30 P.M.**

The candidates are required to visit the website of the Commission at <https://www.opsc.gov.in> for detailed information about important notices, rejection of applications, the date & time of Written Examination/Document Verification/ Personality Test and also keep track of publication of various notices to the effect in the leading local daily newspapers for information.

**15. GENERAL:**

**Candidates submitting forged/manipulated documents will be debarred from appearing examination conducted by Odisha Public Service Commission for 03 years.**

**CLOSING DATES**

- 1. ONLINE REGISTRATION AND SUBMISSION OF ONLINE REGISTERED APPLICATIONS CAN BE DONE IN THE WEBSITE FROM 15.01.2025 TO TILL 15.02.2025 (11:59 P.M).**
- 2. ONLY ONLINE APPLICATIONS RECEIVED WITHIN THE DEADLINE I.E., 15.02.2025 SHALL BE ACCEPTED.**

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

**CUTTACK  
DATE – 31.12.2024**

  
**SECRETARY  
ODISHA PUBLIC SERVICE COMMISSION  
CUTTACK**

**COMPETITIVE EXAMINATION FOR DIRECT RECRUITMENT TO THE POST OF ASSISTANT INDUSTRIES OFFICERS UNDER "GROUP-B" CATEGORY OF ODISHA INDUSTRIES SERVICES TO BE CONDUCTED BY ODISHA PUBLIC SERVICE COMMISSION**

In pursuance to Rule 6(4) of Odisha Industries Services (Method of Recruitment and Conditions of Service) Rules, 2024; the type, pattern and syllabus of the competitive examination for direct recruitment to the post of Assistant Industries Officer under "Group-B" category of Odisha Industries Services cadre under MS & ME Department to be conducted by the Odisha Public Service Commission will be as follows:

**I. SCHEME OF COMPETITIVE EXAMINATION :**

SL. NO.	COMPONENT	MARKS
1.	Written Examination	400
2.	Personality Test (Interview)	50
<b>TOTAL</b>		<b>450</b>

**II. WRITTEN EXAMINATION :**

- i. It will be an Objective Type Examination of Multiple Choice Question (MCQ) pattern with OMR evaluation.
- ii. It will consist of two Papers as follows:

PAPER	SUBJECT	FULL MARKS	NO. OF QUESTIONS	DURATION	MARKING SCHEME
<b>Paper - I</b>	General English, General Awareness & General Aptitude	100	100	2 Hours	For each correct answer <b>1 mark</b> will be awarded. For each wrong response/answer, <b>25% mark will be deducted</b> . For each unattempted question "zero" mark will be given.
<b>Paper - II</b>	Basic Engineering	300	150	3 Hours	For each correct answer <b>2 marks</b> will be awarded. For each wrong response/answer, <b>25% mark will be deducted</b> . For each unattempted question "zero" mark will be given.

III. **SYLLABUS :**

The syllabus of the Written Examination for Paper – I & Paper – II appended at **Appendix- A.**

IV. **GENERAL :**

- i. The Qualifying Marks to be eligible to be called for the Personality Test is 35% in the Written Examination out of 400 Marks for UR Category candidates and 30% for SEBC/SC/ST & PwD Category candidates. However, the Commission, at its discretion, may lower the qualifying marks further for all/ specific categories of candidates only if sufficient number of candidates are not available to appear for the Personality Test. The qualifying marks for Sports Person and Ex-Servicemen will be same as their respective caste category as above.
- ii. The qualifying candidates will be shortlisted for the Personality Test based on the Marks secured in the Written Examination out of 400 Marks in a ratio of 1:2 of the advertised vacancies. In case where the vacancy is 2 or less, 5 number of candidates will be called for the Personality Test.
- iii. The documents/ testimonials submitted by the candidates will be verified before the Personality Test with respect to their correctness and authenticity.
- iv. The Select List of the candidates in different categories will be drawn in order of merit based on the Aggregate Marks secured both in the Written Examination and Personality Test (out of 450 Marks).
- v. If two or more candidates secure equal marks in the aggregate, the order of merit shall be determined in accordance with the Marks secured in the Written Examination. In case of further tie, the order of merit shall be arranged in order of the date of birth, i.e., the older in age will be higher in the merit list than the younger with same marks in aggregate.

**SYLLABUS FOR THE WRITTEN EXAMINATION FOR DIRECT RECRUITMENT TO THE POST OF ASSISTANT INDUSTRIES OFFICERS UNDER "GROUP-B" CATEGORY OF ODISHA INDUSTRIES SERVICES TO BE CONDUCTED BY ODISHA PUBLIC SERVICE COMMISSION**

PAPER	SUBJECT	FULL MARKS
Paper - I	General English, General Awareness & General Aptitude	100
Paper - II	Basic Engineering	300

**I. PAPER – I : GENERAL ENGLISH, GENERAL AWARENESS & GENERAL APTITUDE**

:

**(100 MARKS)**

UNIT 1 : GENERAL ENGLISH	
1.	Grammar
2.	Comprehension
UNIT 2 : GENERAL AWARENESS	
1.	Current Affairs
2.	Indian History
3.	Indian Polity
4.	Geography of India
5.	Indian Economy with special emphasis on Industry
UNIT 3 : GENERAL APTITUDE	
1.	Quantitative Aptitude (Basic Numeracy & Arithmetic)
2.	General Mental Ability
3.	Logical Reasoning
<b><i>NB : The questions will be of Class 10<sup>th</sup> standard.</i></b>	

**II. PAPER – II: BASIC ENGINEERING :**  
**(300 MARKS)**

**UNIT 1 : C & DATA STRUCTURE**

Problem-solving process: Algorithms and Flow Chart, Structure of C Program, Character set Identifiers, Keywords, Data Types, Constant and Variables, Statements, Input and Output statements, Operator and Expressions, Precedence of Operators, Control Structures (If, If-else, Switch-case, For loop, While, do-While), Functions (Built-in, user-defined), Recursive Function. Introduction to Data Structure, Linear Linked List: Creation, Insertion, Deletion. Stack, Stack applications (Infix to postfix, postfix evaluation), Queue (linear & circular).

**UNIT 2 : ENGINEERING MECHANICS**

Concurrent forces on a plane: Composition, resolution and equilibrium of concurrent coplanar forces, method of moment. Plane trusses, method of joints and method of section. Parallel forces on a plane: General case of parallel forces, center of parallel forces and center of gravity, Centroid of place and composite figures, Theorems of Pappus and Guildins. Moment of Inertia: Plane figure with respect to an axis in its plane and perpendicular to the plane, Polar moment of inertia, parallel axis theorem. Rectilinear translation: Kinematics, Principle of dynamics, D' Alembert's Principles, Principle of work and energy for a particle and a rigid body, Conservation of Energy, Principle of impulse and momentum for a particle and a rigid body, Conservation of momentum.

**UNIT 3 : BASIC MANUFACTURING PROCESS**

Lathe, Milling Machine, Drilling machine – Components, types and applications.

Foundry process/ Casting, Patterns, Pattern Materials, Pattern Allowances, Moulding Materials, Properties of Moulding Sand. Solidification of Casting, Types of Solidification, Special Casting Processes: Die Casting and Centrifugal Casting, Investment Casting, Casting defects. Welding: Classification of Welding Process, Gas Welding, Arc Welding, TIG, MIG, Resistance Welding.

#### **UNIT 4 : BASIC ELECTRICAL ENGINEERING**

D.C. Networks: Kirchhoff's Laws, node voltage and mesh current methods, delta-star and star-delta conversions, superposition principle. Single Phase and three phase AC circuit: average and effective values of sinusoids, solution of R, L, C series circuits, solution of series and parallel circuits, series-parallel resonance. Line and phase quantities, Solution of the balanced three phase circuits, measurement of power in three phase circuits. Magnet circuit & Principle of Electromechanical energy conversion: Fundamental laws of electromagnetic induction, Solution of simple magnetic circuits. DC Machine: Construction, types, emf equation of generator, torque equation of motor, speed control of DC motors. AC Machines: Single Phase Transformer: Construction, emf equation, no load and load operation, voltage regulation and efficiency.

#### **UNIT 5 : BASIC ELECTRONICS**

Semiconductor Physics: Properties of Semiconductor, current flow in semiconductors, voltage-current characteristics of a p-n junction, Rectifiers. Bipolar Junction Transistor (BJT): Device structure, types and mode of operation, static characteristics, BJT as a switch, BJT as an amplifier, concept of biasing of BJT. JFET: Physical structure, operation and static characteristics. MOSFET: Physical structure, operation and static characteristics of D- and E-type MOSFET. Integrated Circuits. Digital Electronics: Number system (Decimal, Binary, Octal and Hexadecimal), Conversion among number systems, signed-binary numbers, binary addition, subtraction, multiplication and division, logic gates, laws of Boolean Algebra, simplification of expressions.

#### **UNIT 6 : BASIC CIVIL ENGINEERING**

Residential Buildings: NBC classification, Basic Components of a building, Fundamental requirements, selection of sites. Foundations: Classification, Bearing Capacity of Soil and related terms. Properties of Construction Materials: Physical, Mechanical and durability properties. Construction materials: Stone, bricks, cement, aggregate, mortar, concrete, timber, steel, non-ferrous metals, paint, plastic, glass, adhesive, tiles, composites. Conventional Water Treatment process: Screening, Plain Sedimentation, Sedimentation aided with Coagulation, Filtration and Disinfection.



## **UNIT 7 : ENVIRONMENTAL ENGINEERING**

Air Pollution: Causes, types and sources of air pollutants, Climatic and meteorological effect on air pollution concentration, formation of smog and fumigation. Control of Particulate emission. Air Quality Criteria and Practical Emission Standard.

Sources of Water Pollution, Adverse effect on human health, environment, aquatic life and plant life. Water Pollution remedial measures, Indian Standard for water pollution Control. Disposal of domestic and Industrial Solid Wastes.

Noise Pollution: Types & effects, Noise measurements and control, permissible noise limits.

## **UNIT 8 : QUALITY MANAGEMENT**

Philosophy of Quality management, Economics of quality and measurement of cost of quality, Total Quality Management (TQM), Quality function deployment, Quality Circle, concept of Zero defect, Six Sigma, Kaizen, Poka-Yoke & Taguchi.

**Affidavit for Ex-Servicemen**

I, ....., S/o .....,  
aged about ..... years, resident of .....  
....., Roll No. ....  
for recruitment to the post of ....., pursuant to Advt. No.  
..... do hereby solemnly affirm and declare as under:

1. That I am the deponent of this affidavit and permanently residing at.....
2. That I have been released from Military Service on .....
3. That since then I am working as ..... under the Department of ..... Govt. of Odisha/ Govt. of India

**OR**

That since then I am working as ..... at .....

**OR**

That I have not secured regular employment in any Civil Posts and Services under Government of Odisha.

4. That this affidavit shall be produced before the competent authority, Odisha Public Service Commission, Cuttack for the purpose of being considered in service under the Ex-Serviceman quota/ not under Ex-Serviceman quota and hence this affidavit.
5. That the facts stated are true to the best of my knowledge, belief and information.

Deponent

Place :

Date :

**Verification**

I, the above-named deponent, being present today before the .....  
.....premises do hereby verify and declare that above statements are all true and correct to the best of my knowledge and belief.

Verificant

I identify the deponent.

**N.B. Strike off the portion which is not applicable.**