

DIRECTORATE OF SECONDARY EDUCATION, ODISHA, BHUBANESWAR

Notice No: 4A-06-II-2021- 22847 Date: 28.08.2021

Recruitment for the post of Contractual Trained Graduate Teachers & Telugu Teachers in Government Secondary Schools of the State of Odisha,2021

In pursuance of Notification No. 1147/Gen. Dt 17.01.2014 of General Administration Department, Odisha and Resolution No.14861/SME Dated 10.08.2021 of Government. in School and Mass Education Dept, Odisha, read with Corrigendum No.15406/SME Dt.17.08.2021 issued by Government in School and Mass Education Dept, Odisha , Director Secondary Education, Odisha invites online applications from intending eligible candidates for recruitment against existing vacancies of Contractual Trained Graduate Teacher Arts, Trained Graduate Teacher Science(PCM), Trained Graduate Teacher Science(CBZ) and Telugu Teacher Posts in Government Secondary Schools of Odisha. The selection for the recruitment will be made through Computer Based Competitive Examination to be held in selected Test Centres in Odisha.

2.How to apply: Candidates are required to apply online through the appropriate link on the website <https://dseodisha.in/> after being satisfied that they are eligible for the post as per advertisement. Application through any other mode shall not be accepted. Schedule of ONLINE registration is as follows:

Activity	Dateline
Commencement of Online Registration on the website https://dseodisha.in/	04.09.2021 (11.00AM onwards)
Last Date for Online Registration	30.09.2021 (up to 06. 00 PM)
Tentative schedule of Online Examination	Third week of October 2021

3. Vacancy Position: Post wise total vacancy position is given below:

TGT ARTS	TGT SCIENCE(PCM)	TGT SCIENCE(CBZ)	TELUGU TEACHER
3136	1842	1717	25

The statement showing detailed district wise vacancies and number of vacancies available for different reservation categories is at Appendix A.

The details of vacancies reserved for PWD category shall be notified subsequently.

Note: The number of vacancies advertised is tentative and is subject to change.

4. Reservation of Vacancies:

The provision of the Orissa Reservation & Vacancies in Posts & Services Act, 1975 and other Reservation policy for women, Ex-Service Men and Persons with Disabilities, as prescribed by Government from time to time shall be followed. Percentage of reservation for candidates under special reservation categories will be calculated taking the total vacancies in a particular social reservation category in the State as a whole.

5. Eligibility Conditions:

A. AGE: A candidate must have attained 21 years of age and must not be above 32 years of age as on 01.01.2021

Provided that relaxation in upper age limit shall be allowed to candidates of different social/special categories in the following manner:

- i) in case of SC/ST/SEBC/Women by 5 years
- ii) in case of Persons with Disabilities by 10 years
- iii) In case of ex-military persons as per GA Dept. Notification No 22586/Gen Dt.16.10.1985.

This relaxation in age as required under provisions of ORV Act, PWD Act and other relevant rules amended from time to time, may be modified with reference to above said acts.

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

B. Educational Qualification:

Post	MINIMUM ACADEMIC AND PROFESSIONAL QUALIFICATION
TGT Arts	<p>1. Bachelor Degree in Arts / Commerce or a Shastri (Sanskrit) Degree from a recognised university with two school subjects (school subjects as defined in the proviso here under) from a recognized university having 50% marks in aggregate (45% for SC/ST/PWD/SEBC candidates) and Bachelor in Education (B. Ed)/3-year integrated B.Ed.-M.Ed. from a NCTE recognized Institution</p> <p style="text-align: center;">OR</p> <p>2. Four-year Integrated B.A. B.Ed. from a NCTE recognized Institution with two school subjects (school subjects as defined in the proviso here under) having 50% marks in aggregate (45% for SC/ST/PWD/SEBC candidates)</p> <p>Provided that: In any case the candidate must have passed the Bachelor Degree with any two school subjects offered as Pass/Hons/Elective/optional/Compulsory subject out of</p>

	<p>the following: <i>English, Odia, Hindi, Sanskrit, History, Geography, Economics, Political Science, Indian Economy, Landmarks in Indian History, Indian Geography, Indian Polity</i></p>
TGT Science (PCM) &	<p>1. Bachelor Degree in Science / B. Tech/ B.E. with two school subjects (school subjects as defined in the proviso here under) from a recognized university having 50% marks in aggregate (45% for SC/ST/PWD/SEBC candidates) and Bachelor in Education (B. Ed)/ 3-year integrated B.Ed.-M.Ed. from a NCTE recognized Institution OR</p>
TGT Science (CBZ)	<p>2. Four-year Integrated B. Sc. B.Ed. from a NCTE recognized Institution with two school subjects (school subjects as defined in the proviso here under) having 50% marks in aggregate (45%for SC/ST/PWD/SEBC candidates) Provided that: In any case the candidate must have passed the Bachelor Degree with any two school subjects offered as Pass/Hons/Elective/optional subject out of the following: a)For Trained Graduate Teacher-Science (PCM): Physics, Chemistry, Mathematics, b)For Trained Graduate Teacher-Science (CBZ): Chemistry, Botany, Zoology, Biology, Biotechnology</p>
Classical Teacher (Telugu)	<p>Bachelor degree in Arts having Telugu as a subject with minimum 50% marks in aggregate (45% for SC/ST/PWD/SEBC candidates) and Telugu B.Ed. from a University/Institution recognized by NCTE.</p>

Any qualification higher than the prescribed qualification shall not be given any weightage.

C. Other Eligibility Conditions:

- (a) he/she must be a citizen of India.
- (b)The candidate must be able to read and write ODIA. Any one of the following qualifications will be taken into consideration to ascertain this ability of the candidate for the posts.
 - i) He/she must have passed HSC Exam conducted by Board of Secondary Education, Odisha or any equivalent Examination with Odia as a Language Subject i.e. First/Second or Third Language.
 - ii) He/ She must have passed +2 /Higher Secondary Examination conducted by Council of Higher Secondary Education, Odisha with Odia as an examinable subject.

iii) He/she must have passed Odia Examination of Matriculation/HSC standard conducted by BSE, Odisha

(c) He/she must have passed Odisha Secondary School Teacher Eligibility Test (OSSTET) in concerned category and subject.

Provided that, candidates who have appeared at Odisha Secondary School Teacher Eligibility Test (OSSTET) 2021 can also apply and appear the Computer Based Competitive Examination to be conducted for this recruitment, but they will have to update the result of OSSTET in the Online application before short listing of candidates to be called for verification of documents. Such candidates shall have to produce the OSSTET Pass Certificate at the time of verification of documents as mentioned in para 9 of this advertisement.

(d) Candidates possessing Academic / Training qualifications from Boards/Universities/Institutions outside Odisha shall have to produce the authenticated proof of equivalency from any recognised Universities of the State of Odisha, affiliation of their institution to a recognised University and recognition of such Training course and Institute by NCTE failing which he/she shall not be considered as eligible for selection.

(e) A candidate furnishing certificates, mark-sheets with grades and grade-point shall have to also furnish numerical equivalence of grades/grade points from the examining bodies failing which he/she shall not be treated as eligible for selection.

(f) He/she must have a good character and shall submit certificate of good character from two Gazetted officers (not being his relation).

(g) He/she must not have more than one spouse living.

(h) He/ She must have paid the processing fee as stipulated in para 6 of this advertisement.

(i) A person already in service of Government shall be eligible for recruitment to the service subject to his being within the prescribed age limit and being otherwise eligible and subject further to that he produces 'no objection certificate' from the competent authority at the time stipulated for verification of documents before preparation of draft merit list.

6. Processing Fee:

All Candidates shall have to pay Rs. 600/- as processing fee. In case of candidates of SC, ST and PWD category Rs. 400/- is to be paid as application processing fee. The payment will be made through the online payment gateway on the online application page. The fee is non-refundable.

7. Place and Date of Examination:

The Computer Based Competitive Examination shall be held in selected Test Centres of the State. The locations shall be indicated in the online application form out of which the candidate shall have three options in order of preference.

Tentative schedule of Examination: Second week of October 2021

Note: The Exact date (s) of Examination shall be later notified in the website.

8. Admit Card:

Admit Cards shall be generated by system (computer) only in favour of candidates found eligible for admission into the online examination and candidates can download the admit cards through their registered log-in. As soon as the admit cards are available, candidates shall be informed through a web notification and also through SMS to the registered mobile number.

9. Method of Selection:

- a) The selection will be made on the basis of result of Computer Based Competitive Examination. The Scheme and Syllabus of Examination is placed at Appendix-B.
- b) A candidate has to secure minimum 25% marks (20% in case of candidates of SC/ST/PWD category) Paper I and 35% marks (30% in case of candidates of SC/ST/PWD category) in Paper II to qualify in the examination.
- c) Rank list shall be prepared taking the qualifying candidates only. Names of candidates in the Rank list shall be arranged in order of marks secured by the candidates in the examination. In case of two or more candidates secure the same marks the candidate older in age will be placed above in the rank.
- d) Candidates shortlisted from the Rank list shall be called to get their documents verified at District level. The State Selection Committee shall have the right to decide the criteria for short listing. The district mentioned in the permanent address in the application form shall be taken as the district in which the documents of a candidate are to be verified. Candidates are required to mention the permanent address with district carefully because no change of this address will be allowed after submission of application.
- e) The eligibility of shortlisted candidates shall be determined through verification of all relevant documents in support of age, qualification and other eligibility conditions laid down in the advertisement.
- f) Place and dates of verification of documents of candidates shall be published in the website after short listing of candidates.
- g) The Draft Common Merit List for the State finalised after determination of eligibility as in para 9(e) shall be treated as Draft merit list and this along with the list of in-

eligible candidates shall be published for inviting objections. After disposal of objections and necessary corrections, the State Common Merit List will be finalised.

- h) Select list for each social reservation category will be prepared from the State Common Merit List taking number of candidates equal to 100 % of the number of vacancies for each of the category in the State as a whole.
- i) Inclusion of the name of a candidate in the Merit List / Select List shall confer no right on the candidate to engagement unless Government or the State Selection Committee or the Appointing Authority are satisfied after such inquiry or re-verification of documents, as may be considered necessary, that a candidate is suitable in all respects for engagement to the service.

10. Remuneration admissible to the posts

Sl. No	Post	Remuneration Per Month(Rs.)	Remarks
1	TGT ARTS, TGT SCIENCE PCM & TGT SCIENCE CBZ	16,880/-	Consolidated
2.	TELUGU TEACHER	16,880/-	Consolidated

11. District Allocation

After selection of candidates of each social category, district allocation will be made through on-line or offline counseling or any other mode to be decided and notified later. A candidate of a particular reservation category shall be allocated to a district only against a vacancy of his/her reservation category. Candidates of PWD category and Women candidates shall be preferred in counseling for district allocation.

12. Engagement after Selection

District Education Officers (DEOs) shall engage candidates from District allocation list approved by the State Selection Committee and notified by Director Secondary Education, Odisha after verification of all original documents in support of fulfillment of eligibility conditions laid down in this advertisement as well as other documents normally required by the appointing authority to be verified at the time of new appointments. An undertaking is required to be furnished at the time of final verification of documents before engagement in the manner as described in Para 13(C).

A candidate selected under PWD category, shall be referred to Appellate Medical Board and only on being certified as PWD by the Appellate Medical Board shall be considered for engagement.

The engagement will be on contractual basis. A contract agreement shall be executed between District Education Officer on behalf of State Government and the candidate selected on stamp paper before engagement.

13. Important Points:

- a) This advertisement should not be construed as binding on the Government to make appointment.
- b) Applications submitted by the candidate, if found to be incomplete in any respect and at any stage, are liable to rejection without entertaining any correspondence with the applicants on that score.
- c) In the online application, the candidate shall furnish an undertaking in the following manner:
"I do hereby undertake that the information furnished in this online application is true. If in future, any of the information furnished by me in this application or any certificate/document produced by me in support of eligibility conditions laid down in this advertisement is found to be fake or if for any reason I am later found not eligible for the post applied for, my candidature as well as consequential selection or engagement if any shall be cancelled without notice. In that event, the authorities shall not be held responsible for cancellation of my candidature/selection/engagement. I shall also be punished as per law for providing false information or producing fake documents."
- d) The above undertaking which will be a part of the online application form shall be treated to have been signed by a candidate once he/she submits the online application.
- e) Eligibility for admission into examination shall be checked through a computer programme and it will be done on the basis of information furnished by the candidate in the online application and hence a candidate is required to be careful while furnishing information in the online application. Any misrepresentation or suppression of information or submission of wrong data / information by the candidate in the online application will result in cancellation of his/her application. Once submitted, no correction in the application shall be allowed thereafter. It is the responsibility of the candidate to furnish correct information and the authorities shall not be responsible for rejection of application & candidature by system due to any wrong information furnished.
- f) 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 DSE;
- g) Admission to examination will be purely provisional. If on verification at any stage before or after the examination or even after engagement, it is found that a candidate does not fulfill any of the eligibility

conditions, his/her candidature shall be rejected and if engaged, such engagement shall be cancelled. Decision of the State Selection Committee in regard to eligibility or otherwise of candidate shall be final.

- h) Hence forward, all information relating to this recruitment such as final date of examination, date of availability of admit cards, dates and venues of verification of documents, important instructions/guidelines to be followed at the time of verification of documents, dates of counseling for select candidates and other important information required to be shared with candidates shall be given through notification in this website. Candidates are therefore advised to be watchful and regularly visit the website so as to get all important information given from time to time.
- i) Hence forward, correspondence if required to be made by the Director Secondary Education with any candidate shall be made only through the email-id as mentioned by the candidate in the on-line application.
- j) The vacancies advertised vide this notice includes unfilled vacancies of previous recruitments and current vacancies. Reservation for Ex-Service-Men or Sportsmen shall be available in respect of current vacancies only.
- k) A candidate finally selected under a reservation category (UR/SC/ST/SEBC) will be posted as per vacancy available for that particular reservation category in any district of Odisha.
- l) Concessions meant for S.C., S.T. & SEBC by birth are admissible to the Scheduled Caste, Scheduled Tribe & SEBC of Odisha only and such candidates shall have to produce caste certificate from competent authority.
- m) Community (caste status) once mentioned by the candidates under the appropriate box of the online application form, will be treated as final and the same shall not be changed subsequently under any circumstances.
- n) The candidates selected under PWD category shall be required to appear before the State Appellate Medical Board which shall examine and certify their disability after which their engagement may be taken into consideration.
- o) Candidates claiming reservation benefit under Sportsmen quota shall have to produce the identity card issued in their favour by the Director, Sports at the time of verification of documents before preparation of merit list and also at the time of final verification of documents before engagement.
- p) Candidates claiming reservation benefit under Ex-Service Men quota shall have to produce discharge certificate as well as authentic document issued by the competent authority in support of their total period of service i.e. date of joining and total period of service rendered etc. at the time of verification of documents before preparation of merit list and also at the time of final

verification of documents before engagement.

- q) Date of Birth as recorded in HSC Examination Pass Certificate or certificate of passing equivalent examination shall only be accepted.
- r) The word equivalence used in the para 5 C (d) and 14 (x) of the advertisement means: equivalence given by Board or Universities of Odisha to the educational qualifications (academic or training) which are mentioned in para 5.B. In any case, qualifications with any nomenclature other than those mentioned in the para 5.B. of the advertisement shall not be accepted.
- s) A candidate must have acquired the prescribed educational qualifications before applying for a post. All the pass certificates and mark sheets in support of educational qualifications prescribed under para 5.B must have been issued by the last date of submission of Online application.

Corrections or modifications if required in any part (including appendices) of this advertisement shall be made by the Director Secondary Education, Odisha and shall be notified in the website <https://dseodisha.in>.

14. CERTIFICATES/DOCUMENTS TO BE PRODUCED FOR VERIFICATION

Only those candidates, who will be called for the verification of original certificates & documents, will be required to bring with them the following documents in original for verification on the date fixed by the Director, Secondary Education, Odisha. They are also required to bring a set of self-attested Xerox copy of all documents, and such copies shall be retained by the verifying officials

- i. Ink-signed (Candidate's full signature) Hard copy of Online application form with full signature in the declaration/undertaking part.
- ii. H.S.C. Examination Pass Certificate as age proof. In case a candidate has passed any other equivalent examination, such certificate can be accepted provided that equivalence to such examination by BSE, Odisha is produced.
- iii. Intermediate/+2 Pass Certificate issued by the concerned University/Council;
- iv. Bachelor Degree/Shastri (Sanskrit (as applicable for different posts in the advertisement) Pass Certificate issued by recognized Colleges/Institutions;
- v. Training (as prescribed for different posts in this advertisement) Pass certificate issued by NCTE recognized Colleges/Institutions
- vi. Mark-list of the aforesaid examinations (as applicable for the post)
- vii. Odia Pass Certificate from the competent authority as required.
- viii. OSSTET pass Certificate issued by BSE, Odisha
- ix. Candidates who have not been awarded percentage of marks, but only Grade marks/CGPA should

produce the conversion certificate from the concerned University indicating the actual equivalent percentage of marks and conversion formula, failing which, their applications are liable to be rejected.

- x. Certificate of Equivalence, Certificate of Recognition of NCTE and Affiliation Certificate as mentioned in para 5.C(d) of this advertisement
- xi. A "No Objection Certificate" from the Head of Office/Head of the Department in case of in-service candidates.
- xii. Two recent passport size photographs (unsigned & unattested).
- xiii. Caste Certificate by birth in support of claim as S.C./S.T. , wherever applicable (Please see Note-I); Concession meant for S.C./S.T. candidates are admissible to Scheduled Castes/Scheduled Tribes of Odisha only;
- xiv. Disability Certificate (indicating percentage of permanent disability) issued by the competent authority
- xv. Discharge Certificates of Ex-Serviceman issued by the Commanding Officer of the Unit last served wherever applicable; Ex-servicemen must submit an Affidavit that he has not been appointed against any civil post after retirement from military service.
- xvi. Identity card issued in their favour by the Director, Sports for those applying under Sportsmen quota.
- xvii. Certificate of "One spouse living 'in case of married candidates as mentioned in para 5.C(g) of this advertisement
- xviii. Any other document to verified as decided by Director Secondary Education, Odisha which shall be notified along with date and venue for document verification.
- xix. Character certificate as mentioned in para5.C(f) of this advertisement
- xx. Undertaking as mentioned in para 13(c)

Note1. : Candidates claiming to be belonging to S.C./S.T./ SEBC category by birth are required to submit copy of the relevant Caste Certificate issued by the competent authority in the prescribed form.

- a) Women candidates belonging to S.C./S.T./ SEBC category are required to submit Caste
 - i) Certificates by birth showing "daughter of". Caste
 - ii) Certificates by virtue of marriage (i.e. showing "wife of") are not acceptable.
- b) Community (Caste status) once mentioned by the candidates shall not be changed under any circumstances.
- c) Candidates of SEBC category must produce Caste certificate from the competent authority in the prescribed form issued within the last three years prior to the date of verification of documents to be conducted as per provision in para 9.

15. GROUNDS OF REJECTION OF APPLICATION

Applications of the candidates will be rejected on any of the following grounds.

- i. Incomplete online application form.
- ii. Application submitted without Processing fee
- iii. Declaration not signed (full signature) by the candidate in the hard copy of online application form
- iv. If the candidate's age is not coming within the age limit prescribed in this advertisement.
- v. He/she does not possess required educational qualification and does not fulfill the eligibility conditions laid down in para 5 of the advertisement.
- vi. He/she has not furnished copies of certificates/documents etc. as provided under para-14 of the advertisement.
- vii. Submission of wrong information /false information
- viii. Suppression of facts/ information about eligibility, if any.
- ix. If a candidate fails to attend the notified venue for document verification & get his documents verified on the date fixed by the DSE.
- x. Application received through any other mode (except online through the proforma application to be made available on the website of Director Secondary Education, Odisha)
- xi. Any other grounds as per decision of the Director Secondary Education, Odisha and the State Selection Committee.

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

16. How to Apply:

- a) Candidate must go through details of this advertisement available in the website of DSE before filling up online application. Applications received through any other mode would not be accepted and be summarily rejected.
- b) Before filling up the online application form, the candidates must go through the following documents available at DSE website.
 - i) Instruction to fill up online application.
 - ii) Guideline for scanning and uploading of photograph, full signature & left thumb impression.
- c) Candidates are required to upload the scanned images (only in jpeg. format) of his/her latest passport size colour photograph, full signature and scanned image of left thumb impression (L.T.I.) in the online application form. The uploaded photograph, specimen (full) signature &L.T.I. must be and clearly identifiable/visible, otherwise the application of the candidate is liable to be rejected and no representation from the candidate will be entertained.
- d) Candidates should keep at least 2 copies of attested passport size photograph which is uploaded on

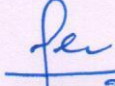
the online application form for future use.

- e) 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 a print out of the finally submitted online application form and put their signature along with copies of requisite certificates and documents. In no case the documents are to be sent in physical form to Director or any other authority. The documents in hard copy will be only submitted during document verification.
- f) The candidates are advised to submit the online application well in advance without waiting for the closing date to avoid server jam.
- g) All details related to admit card /intimation letter if any and other updates will only be available on the website. For detailed information about the examination, other important notices, candidates are advised to visit the website in regular intervals. No separate correspondence will be made on this regard.

17. Facilitation counter and website for Guidance of the candidates:

For any technical guidance on filling up online application, the candidates may contact the facilitation counter over Telephone No. and E mail id to be notified in the Registration Page in the web site . The timing for contact will be 10.00 AM to 6.00 PM on working days. Any query or communication received through any other mail id or in any other mode shall not be entertained.

Bhubaneswar
Dt.28.08.2021


28/08/2021
Director

Secondary Education, Odisha

Appendix A

DISTRICT WISE VACANCIES TO BE FILLED UP IN RECRUITMENT 2021

District	TRAINED GRADUATE TEACHER-ARTS					TRAINED GRADUATE TEACHER SCIENCE-PCM					TRAINED GRADUATE TEACHER SCIENCE-CBZ					TELUGU TEACHER				
	Posts to be filled Up					Posts to be Filled Up					Posts to be filled up					Posts to be filled up				
	ST	SC	SEBC	UR	TOTAL	ST	SC	SEBC	UR	TOTAL	ST	SC	SEBC	UR	TOTAL	ST	SC	SEBC	UR	TOTAL
Angul	50	23	17	30	120	32	19	1	1	53	22	16	1	0	39					
Balasore	62	26	0	26	114	51	6	1	11	69	39	13	0	5	57					
Baragarh	13	5	0	20	38	18	10	0	12	40	10	6	0	22	38					
Bhadrak	45	0	15	36	96	27	1	0	36	64	38	3	0	26	67					
Bolangir	31	24	0	81	136	32	14	0	41	87	26	13	0	46	85					
Boudh	17	11	1	26	55	7	5	0	17	29	9	6	0	11	26					
Cuttack	90	48	0	132	270	41	0	0	59	100	44	0	0	62	106					
Deogarh	5	3	0	7	15	5	5	0	2	12	7	3	0	4	14					
Dhenkanal	60	21	14	34	129	30	21	1	1	53	26	22	0	1	49					
Gajapati	0	5	0	20	25	22	7	0	12	41	12	7	0	16	35	1	0	0	0	1
Ganjam	119	74	6	39	238	90	44	0	31	165	81	43	0	17	141	6	4	0	12	22
Jagatsinghpur	56	24	0	52	132	17	10	0	26	53	26	16	0	27	69					
Jajpur	100	55	17	34	206	33	8	0	30	71	31	9	0	35	75					
Jharsuguda	16	12	1	27	56	14	8	0	18	40	8	7	0	12	27					
Kalahandi	33	24	6	56	119	34	15	0	23	72	32	11	0	27	70					
Kandhamal	7	5	0	16	28	13	5	0	11	29	6	7	0	14	27					
Kendrapara	62	7	0	24	93	17	9	0	23	49	17	8	0	33	58					
Keonjhar	29	26	16	70	141	16	12	0	41	69	19	14	0	40	73					
Khordha	102	62	1	11	176	52	31	1	1	85	47	33	1	0	81	1	0	0	1	2
Koraput	19	11	0	27	57	36	9	0	12	57	24	13	0	10	47					
Malkangiri	12	1	0	23	36	13	8	0	12	33	11	5	0	8	24					
Mayurbhanj	42	29	0	87	158	34	25	0	38	97	42	26	0	11	79					
Nabarangpur	13	5	0	54	72	23	5	0	15	43	25	11	0	24	60					
Nayagarh	38	29	0	52	119	28	9	0	31	68	34	14	0	31	79					
Nuapada	13	14	0	21	48	9	6	0	17	32	7	3	0	9	19					
Puri	88	37	0	20	145	50	26	0	56	132	41	13	0	47	101					
Rayagada	12	1	7	0	20	25	9	2	0	36	9	3	1	0	13					
Sambalpur	14	11	11	30	66	12	8	5	29	54	12	8	5	24	49					
Sonepur	10	5	5	26	46	3	1	2	14	20	4	1	2	11	18					
Sundargarh	52	44	11	75	182	30	24	5	30	89	15	16	4	56	91					
Total	1210	642	128	1156	3136	814	360	18	650	1842	724	350	14	629	1717	8	4	0	13	25

Scheme & Syllabus

For

**Computer Based Recruitment Examination (CBRE)
For Recruitment of Contractual Trained Graduate
Teachers in Govt. Secondary Schools**

2021-22

**Directorate of Secondary Education
6th Floor, HOD Building, Unit-V, Bhubaneswar,
Odisha, 751001**

**Scheme for Computer Based Recruitment Examination (CBRE) for
Recruitment of Contractual Trained Graduate Teachers in Govt. Secondary
Schools**

Test Duration	150 Minutes
Total Questions	150 Objective Type Multiple Choice Questions
Total Marks	150 marks*

* Every question will carry one mark each and there will be negative marking @0.25 marks for each wrong response.

Category	Paper	Type of Questions	Number of Questions	Full Marks	Level	Languages	Subjects
Common Paper for TGT Science / Arts	I	MCQ	90	90	-NA-	English	a)General Knowledge & Current Affairs, b)Reasoning Ability, c)Computer Literacy, d)Pedagogy, Educational Management and Policy & Evaluation.
TGT Science PCM	II	MCQ	60	60	Graduation	English	a)Physics, b)Chemistry, c)Mathematics
TGT Science CBZ	II	MCQ	60	60	Graduation	English	a)Chemistry, b)Botany, c)Zoology
TGT Arts	II	MCQ	60	60	Graduation	English	a)History+ Political Science, b) Geography+ Economics, c)English
						Odia	d)Odia

Paper-I

- | | |
|--|------------|
| 1. General Knowledge and Current Affairs | (20 Marks) |
| 2. Reasoning Ability | (20 Marks) |
| 3. Computer Literacy | (10 Marks) |
| 4. Pedagogy, Educational Management, Policies & Evaluation | (40 Marks) |

Paper-II

- | | |
|------------|------------|
| 5. Subject | (60 Marks) |
|------------|------------|

Total Marks

(150 Marks)

**Syllabus for Computer Based Recruitment Examination (CBRE) for
Recruitment of Contractual Trained Graduate Teachers in Govt.
Secondary Schools**

**Paper -1
(Total 90 marks)**

[General Knowledge and Current Affairs, Reasoning Ability, Computer Literacy, Pedagogy, Educational Management, Policy and Evaluation]

Section-I

1. General Knowledge and Current Affairs (20 Marks)

- i. Current events of State (Odisha), National and International Importance
- ii. History of Odisha / India and Indian National Movement
- iii. Indian and World Geography
- iv. Indian Polity
- v. Economic and Social Development
- vi. Everyday Science

Section-II

2. Reasoning Ability (20 Marks)

- i. General mental ability,
- ii. Logical reasoning and analytic ability
- iii. Decision making and problem solving
- iv. Basic numeracy
- v. Data interpretation

Section-III

3. Computer Literacy (10 Marks)

- i. Basic computer literacy skills for use of ICT in classrooms
- ii. Concepts, terminology and operations that relate to general computer usage.
- iii. Basic Hardware of Computer
- iv. Common Applications,
- v. Networking and Internet
- vi. Social Networking
- vii. Digital Citizenship

Section-IV

4. Pedagogy, Educational Management, Policies & Evaluation (40 Marks)

A. Child Development (Process of Growing Up)

1. Growth and Development

- Concept, Difference & Principles of Development
 - Factors affecting Development (Nutrition, Intelligence, Psycho-social, Diseases, Injury etc.)
 - Growth and development during Adolescence
 - Counseling services for Adolescents
2. Factors Affecting Different Developmental Aspects
 - Cognitive
 - Social(Erikson's Theory)
 - Emotional
 - Moral(Kohlberg theory)
 - Language Development
 - Needs and problems at childhood and Adolescence
 3. Approaches to Understanding the Nature of Intelligence
 - Psychometric approach (Thurstone, Guilford ,Gardener)
 - Information Processing Approach-Sternberg
 - Cognitive Development Approach-Piaget
 - Social Constructive Approach-Vygotsky

B. Learning Process / Pedagogy

1. Understanding the Learning Process
 - Learning as a process and an outcome
 - Approaches – Humanistic (Karl Rogers)
 - Constructivist (Piaget and Vygotsky)
 - Basic conditions of learning: Readiness, Maturation, Motivation, Task and Methods
2. Organizing Learning
 - Teacher-Centric, Learner –Centric, Learning-Centric
 - Characteristics and Process
3. Critical Pedagogy
 - Concept, Characteristics, Process, Stages
 - Approaches
4. Addressing Classroom Diversity
 - Using varieties of TLMs and AV Aids
 - Using context of the learner
 - Using variety of activities while group learning, small group learning and self learning
 - Learner in the context of Inclusive Education

C. Educational Management

- Educational Management: Concept, Importance and Scope, Types of Management, Democratic and Autocratic, Centralized and Decentralized
- Management Structure at different levels, National/State/District/Sub-district (BRCs, CRCs, SMCs, SMDC)
- School Development Plan (SDP): Concept, purpose, Key action by Headmaster, students, Parents and SMDC
- Steps in planning for school development
- Annual and prospective plan
- School Management: Role of Headmasters, Teachers, Community

E. Educational Policies and Programmes

- Kothari Commission 1968
- National Educational Policy 1986
- RTE Act, 2009

- National Curriculum Framework,2005
- National Education Policy 2020
- SSA, RMSA and Samagra Shiksha

F. ASSESING THE LEARNER / PERFORMANCE (EVALUATION)

1. Assessment and Evaluation

- Assessment and evaluation in constructive perspective
- Concept, Continuous and Comprehensive Evaluation , Formative, Summative and Diagnostic Assessment

2. Assessment and Learning

- Assessment of Learning, Assessment for learning, Assessment as Learning
- Subject-based learning in a constructivist perspective
- Assessment tools and techniques –Projects, Assignments, Observation, Teacher made Tests
- Self-assessment, Peer-assessment
- Portfolios, rubrics

3. Test Construction

- Steps and Principles of Test Construction
- Development of blue print
- Preparation of test items
- Standardized and Teacher made Test

4. Recent Developments in Assessment

- Grading
- Assessment in co-scholastic area
- Implementation strategy of Continuous and Comprehensive Evaluation
- Recommendations of NCF-2005

Paper -2
(Total 60 Marks)

TGT Science: (PCM)

(This section shall carry equal marks from Physics, Chemistry and Mathematics subjects with equal proportion of marks)

Section I

PHYSICS

[20 questions are to be asked. Each question carries 01 mark]

Unit-1 Motion

Newton's laws of motion, Kinematic Equations of motions with acceleration, Graphical representation of Kinematics Equations of motion, Relative velocity and relative acceleration, work energy and power, conservation of energy, collision problem and conservation of linear momentum, forces of nature, friction force.

Circular motion, Rotational Kinematics, Conservation of angular momentum, Moment of Inertia.

Motion under Gravity, project motion, Simple harmonic motion, and Kinematics of simple harmonic motion, simple pendulum.

Unit-2 Gravitation

Kepler's law of planetary motion, Newton's law of gravitation, Acceleration due to gravity, Gravitational field and potential, Escape velocity and satellite motion, Geo stationary Satellites.

Unit-3 Properties of Matter

Inter- atomic and intermolecular force, Elasticity, Stress, Strain and Hook's law , Elastic module

Kinetic theory of gases, concept of heat, pressure and temperature, specific heat, law of equi-partition of energy, Universal Gas laws, measurement of Pressure

Surface tension, surface energy, angle of contact, excess pressure, capillarity, viscosity, Poiseuille's law, Stokes's Law, Bernoulli's Equation of fluid motion.
Hydrostatics, Buoyancy, Archimedes Principle, Laws of flotation.

Unit-4 Sound

Waves, Progressive and stationary waves, mechanical waves, equation of a progressive wave, transverse vibration of a string, speed of sound waves, Newton's formula, Super-position of sound waves, Beats, Echo, Doppler's effect, Musical sound and its characteristics.

Unit-5 Optics

Laws of reflection and refraction in transparent medium, total internal reflection, refraction through prisms, Dispersion, Reflection and image formation plan and spherical mirrors, equation for object and image distances for spherical mirrors, image formation in convex and concave lenses, lens equation for convex and concave lenses, power of single and combination of two lenses. Image formation in the eye and defects of vision, microscope and astronomical telescope.

Wave optics, Huygens's principle, Coherent sources and interference, Young's double slit, Bi-prism, Newton's ring experiments, Diffraction of light through single slit and plane transmission grating.

Unit-6 Electrostatics

Coulomb's law and unit of charge, force on charge due to discrete and continuous charge distributions, lines of force and electric field, field due to a point charge and a dipole, electrostatic potential, potential due to a point charge and an electric dipole, electric potential energy of a group of point charges, electric flux, Gauss law and applications, Capacitor, capacitance of parallel plate and spherical capacitors, combinations of capacitors in series and parallel.

Uni-7 Current Electricity

Ohm's law, current and voltage measurements, resistance and Resistivity, combination of resistances in series and parallel, electromotive force, grouping of resistors and cells. Kirchhoff's laws and their applications.

Electric energy and power, heating effect of electric current, Faraday's law of electrolysis.

Magnetic field and magnetic induction, Biot-Savart law, magnetic field due to a straight conductor, a circular coil and a solenoid carrying current. Ampere's circuital law, Lorentz force on a charge particle in uniform electric and magnetic fields. Force between two parallel conductors' carrying current.

Unit-8 Electromagnetic induction

Faraday's law of electromagnetic induction, Lenz's law, eddy current, self and mutual induction, emf induced in a rotating coil. Alternating current, average and RMS values of alternating currents, simple AC circuits (RC, RL and RLC), concept of admittance and impedance. Transformers and simple AC devices (motor, dynamo).

Section-II

CHEMISTRY

20 questions are to be asked. Each question carries 01 mark

Unit-1 Basic Concepts

Atomic, molecular and equivalent masses, mole concept, types of chemical reactions, calculations based on stoichiometry. Equivalent mass of acid, salt, oxidant and reductant.

Unit-2 States of Matter

Gas laws- Boyle's law, Charles' law, combined gas equation, ideal gas equation, Graham's law of diffusion/ effusion, Dalton's law of partial pressure.

Characteristics of Liquids: Vapour pressure, viscosity and surface tension. Colligative properties of solutions (solute and solvent forming binary solution).

Unit-3 Structure of Atom

Bohr's model and its limitations, concept of shells and sub-shells, dual nature of matter and light. De Broglie's relationship, Heisenberg uncertainty principles, concepts of orbital's, quantum numbers, shape of s, p and d orbital, rules of filling electrons in orbitals- Aufbau principle and Hund's rule, electronic configuration of atoms, stability of half filled and completely filled orbitals.

Unit-4 Classification and elements and periodicity in properties

Modern periodic law and the present form of periodic table, periodic trends in properties of elements- atomic radii, ionic radii, ionization enthalpy, electron gain enthalpy, electro negativity, valency.

Unit-5 Chemical bonding and molecular Structure

Ionic bond, covalent bond, polar character of covalent bond, covalent character of ionic bond, concept of hybridization, VSEPR Theory and shapes of some simple molecules, hydrogen bond and metallic bond.

Unit-6 Chemical reactions

Types of chemical reactions, redox reaction, Oxidation number calculations, balancing of redox equations by oxidation number and ion electron methods, neutralization reactions and volumetric analysis.

Unit-7 Chemical Equilibria and Ionic Equilibria

Equilibrium in physical and chemical processes, law of mass action, equilibrium constants (K_c , K_p , K_x) relation among them, the reaction quotient and its relation with equilibrium. Le-Chateliers principle and its applications.

Theories of acids and bases, ionization of weak acids and bases, ionic product of water pH and other logarithmic terms, common- ion effect, solubility product and its application in salt analysis.

Unit- 8. General Principles of extraction of metals

Occurrence of metals, ores and minerals, concentration, calcinations, roasting, smelting, reduction methods (carbon reduction, aluminothermic process, electrolytic and self- reductions) and metal extraction, flux and slag refining of metal. Reactions involved in the Blast furnace for extraction of iron.

Unit-9 Some basic principles of organic chemistry

- Classification and IUPAC nomenclature of organic compounds
- Electronic displacement in covalent bond: inductive effect, electronic effect, resonance and hyper conjugation
- Homolytic and heterolytic fission of a covalent bond: free radicals, carbocations, carbanions, electrophiles and nucleophiles, types of organic reactions.

Unit-10 Hydrocarbons

Classification of Hydrocarbons.

- a. Aliphatic Hydrocarbons: general methods of preparation, properties and uses of alkanes, alkenes and alkynes.
- b. Aromatic Hydrocarbons: benzene, resonance aromaticity, chemical properties, directive influence of functional group in mono-substituted benzene.

Section-III

MATHEMATICS

[20 questions are to be asked. Each question carries 01 mark]

1. Set Theory and its Application

- Union, intersection, difference, complement, power set, number of elements in union and intersection of finite sets.

2. Relations and Functions

- Reflexive, Symmetric, transitive and equivalence relations, injective, surjective and bijective functions, inverse of a function.

3. Number System

- Natural numbers, integers, rational numbers, irrational number, real number, absolute values of numbers, triangle inequality.

4. Quadratic & Linear Equations

- Fundamental theorem of Algebra, roots, discriminates, nature of the roots, relation between the roots and coefficients.

5. Calculus of One Variable

- Limit, continuity, derivative, tangent, normal, increasing and decreasing functions.

6. Sequence and Series

- Arithmetic and Geometric progressions, monotonic sequence, exponential series, logarithmic series, Taylor's series, Maclaurin's series.

7. Coordinate geometry

- Distance formula, section formula, area of a triangle, locus and its equation, straight line, circle, conic section.

8. Analytical Solid Geometry

- Plane, straight line, Sphere

9. Probability

- Trial, Sample point, Sample Space, Event, Addition Theorem, Binomial Distribution.

10. Statistics

- Mean, Mode, Median, Mean Deviation, Standard Deviation, Variance

11. Trigonometry

- Angles associated with 90, 180, 270, 360 compounded angle formula, sub-multiple angle formula, Trigonometry Equations, Inverse trigonometric functions, Height and Distance.

12. Mensuration

- Circumference of a circle, length of the arc of a circle, area of a circle, sector and segment, area of a circle annulus, area of a sectional region, area of segment, surface area and volume of a prism, right circular cylinder, cone and sphere.

TGT Science: (CBZ)

(This section shall carry equal marks from Chemistry Botany and Zoology subjects with equal proportion of marks)

Section I

Chemistry

[20 questions are to be asked. Each question carries 01 mark]

(Same as in TGT PCM Syllabus)

Section II

BOTANY

[20 questions are to be asked. Each question carries 01 mark]

1. Plant Diversity and Conservation

- Nomenclature and classification of plant kingdom, plant divisions- Thallophyta, Bryophyte, Pteridophyta, Gymnosperms and Angiosperms, their habitat and complexity in their structural organization. Endangered plant species and their conservation measure.

2. Tissue System

- Meristematic and permanent tissues: their types, organization and functions.
- Tissue System: Epidermal, ground and vascular tissue system, internal structure of dicot and monocot stems and roots secondary growth in plants.

3. Photosynthesis

- Structure and photosynthetic pigments, Light reaction: light absorption, electron transport and photophosphorylation, Dark reaction- CO₂ fixation by C₃, C₄ and CAM plants, photorespiration.

4. Growth Regulators in Plants

- Auxins, Gibberellins, Cytokinins, Ethylene and Abscissic acid, their role in plant growth regulation.

5. Reproduction in plants

- Vegetative reproduction: Fission, budding and cutting(grafting) and propagation in angiosperms.
- Asexual Reproduction: Sporulation, Conidia formation and other special structure formation.
- Sexual Reproduction: Isogamy, Anisogamy and Oogamy, double fertilization and triple fusion in angiosperms.
- Parthenogenesis: Tissue culture and micro propagation

6. Mendelism

- Mendelian factors, Monohybrid cross and principles of dominance and segregation.
- Di hybrid cross: Laws of independent assortment.
- Deviations from Mendelian principles

7. Plant Diseases and Control Measures

- Causal Organisms, symptoms, life cycle and control measures of following diseases: Late blight of potato, powdery mildew, Rust and Smut of Wheat, Leaf Sport and blast disease of rice.

Section III
ZOOLOGY

[20 questions are to be asked. Each question carries 01 mark]

1. Taxonomy

- Five kingdom classification, Characteristics and Examples of each animal phylum (in case of phylum Chordate up to Classes)

2. Cytology

- Cell structure and cell division (mitosis and meiosis), DNA and RNA

3. Genetics

- Linkage, Crossing over, Mutation, Chromosomal aberration and chromosomal mechanism of sex determination

4. Evolution

- Darwinism, Modern Synthetic theory of evolution (variation, selection and isolation)

5. Ecology

- Eco-system, Food Chain and Food Web, Energy Flow, Ecological Pyramids, Renewable and Non-renewable energy resources, Biodiversity (meaning and conservation), Causes, Effects and Control of Air pollution.

6. Nutrition

- Types of food and types of nutrition,

7. Respiration

- Types of respiration (aerobic and anaerobic) Glycolysis and Krebs Cycle

8. Circulation

- Blood (Composition and function) in man, structure and working of human heart

9. Excretion

- Human Kidney (structural details), mechanism of urine formation

10. Control and Coordination

- Structure of neuron, synaptic transmission, structure of human brain and function of its different parts, names of endocrine glands and secreted hormones with their specific functions

11. Reproduction and Development

- Structure of Gonads (ovary and testes) and Gametes in man, Fertilization. Types of cleavage.

TGT Arts (Social Studies)

(60 Marks)

(This section shall carry the questions from History & Political Science (10 Marks), Geography & Economics (10 Marks), English (20 Marks) & Odia (20 Marks) each.)

Section- I

HISTORY + POLITICAL SCIENCE (10 MARKS)

HISTORY (6 Marks)

1. Great Rulers of Ancient India
 - Ashoka – Conquests, administration and missionary activities
 - Kharavela – Achievements as mentioned in Hatigumpha inscription
 - Samudragupta – Conquests
 - Harshavardhana – Conquests, administration and religious activities
2. Development of Art and Architecture during Maurya Age, Gupta Age and Kushana Age
3. Development of Literature and Science in Ancient India
4. Administration during Delhi Sultanate with special reference to Balban, Alauddin Khilji and Feroze Shah Tughlaq.
5. Mughal architecture and painting during the reign of Akbar, Jahangir and Shahjahan
6. Rise of British power in India from 1757 to 1856
 - Robert Clive and foundation of British Power
 - Administrative and judicial reforms of Warren Hastings
 - Revenue reforms of Lord Cornwallis
 - Subsidiary alliance
 - Reforms of Lord William Bentinck
 - Doctrine of Lapse
7. Growth of India Nationalism, 1857-1905
 - Revolt of 1857
 - Development of press and literature
 - Education
 - Formation of Political associations
8. Indian National Movement, 1905-1947
 - Swadeshi movement
 - Non-cooperation movement
 - Civil Disobedience movement
 - Quit India movement
 - Indian National Army
 - Partition and Independence
9. First World War and Russian Revolution
 - Causes and consequences of First World War
 - Causes Progress and Effects of Russian Revolution
10. Second World War- Causes and Consequences

POLITICAL SCIENCE (4 Marks)

1. Salient features of Indian Constitution
2. Preamble, Fundamental Rights, Directive Principles of State Policy, Fundamental Duties
3. Union Government – President, Prime Minister, Council of Ministers, Parliament and Supreme Court

4. State Government – Governor, Chief Minister, Council of Ministers, Legislative Assembly and High Court.
5. Local Governance – Urban and Rural
6. Electoral Process and Election Commission
7. India's Foreign Policy and its relation with neighbours
8. United Nations – General Assembly, Security Council Human Rights
9. Socialism, Liberalism, Democracy, Authoritarianism, Welfare State and Globalization
10. Kautilya, Raja Ram Mohan Roy, Bal Gangadhar Tilak, Swami Vivekananda, Mahatma Gandhi, Nehru, B.R. Ambedkar

Section- II

GEOGRAPHY + ECONOMICS (10 MARKS)

GEOGRAPHY (6 Marks)

1. Physical Geography of India
 - Physiography
 - Drainage
 - Climate
2. Resources with Special Reference to India
 - Types and Classification, Land Resources; Biotic Resources
 - Mineral, Energy, Water Resources
 - Agriculture and Industrial Resources
3. Physical Geography
 - First, Second and third order land forms; Development of land forms – work of rivers, wind and glaciers. Interior of the earth, rocks and their types
 - Structure and composition of the atmosphere, insolation and temperature; Pressure and Winds; Humidity and Rainfall
 - General relief of ocean floor: Salinity and temperature of the ocean water. Oceanic circulation – waves, tides currents
4. Globe and Maps
 - Basic features; types of maps; map scale; contours of relief features
 - Concept of latitude and longitude; International dateline Time Zones; Local and Standard Time.

ECONOMICS (4 Marks)

1. Indian Economy
 - Features and broad demographic characteristics; Need and Policies for facing the challenges of over population
2. Current Challenges of Indian Economy
 - Poverty – Measures of poverty; causes, consequences, policy and programmes adopted for poverty eradication; Remedies.
 - Unemployment – Types and measures of unemployment; Causes, consequences and programmes adopted for reducing unemployment.
 - Inflation – Meaning and types; Demand pull and cost push inflation; Causes and consequences and measures taken to control inflation.
3. Economic Development

- Meaning and Indicators – National income, Physical Quality of Life Index (PQLI), Human development Index (HDI); concept of and need for sustainable development.
4. Money and Banking
- Meaning, types and functions of money; Banking: Commercial Banks – Meaning, functions; Credit creation by commercial banks; Central Banking – Meaning and functions; Monetary Policy.

Section- III

ENGLISH (20 Marks)

1. Comprehension:
 - a) An unseen passage in about 150 words. Questions testing factual, understanding, inferential and interpretive aspects including vocabulary and usage.
 - b)** A poem (neither very old nor very absurd but a simple one). Questions testing factual, understanding, referential, appreciative aspects including vocabulary in context)
2. Grammar and usage
Testing of grammar and usage in the following areas:
 - a. Prepositions
 - b. Direct and indirect speech
 - c. Passives
 - d. Tense
 - e. Identification of error in a sentence
 - f. Phrasal verbs
 - g. Clause patterns
 - h. Punctuations
 - i. Types of sentences
 - j. Spelling
 - k. Agreement of verbs with subjects
- 3.** Speaking (Commonly mis-pronounced words)

Section- IV

ODIA (20 MARKS)

ନିମ୍ନ ପ୍ରଦତ୍ତ ବିଷୟମାନଙ୍କରୁ ପ୍ରଶ୍ନ ପ୍ରଚ୍ଛେଦ କରାଯିବ ।

୧. ଅବଦୋଧ ପରାକ୍ଷଣ: ପ୍ରାୟ ୧୫୦ ଶବ୍ଦ ବିଶିଷ୍ଟ ଏକ ଗଦ୍ୟ ଅନୁକ୍ଷେପ ପ୍ରଦାନ କରାଯାଇ ତା'ର ଆଧାରରେ ୫ଟି ପ୍ରଶ୍ନ କରାଯିବ । ପ୍ରତି ପ୍ରଶ୍ନର ଧାରାଗୁଡ଼ିକ ଲେଖାଏଁ ସମ୍ପୂର୍ଣ୍ଣ ଉତ୍ତର ପ୍ରଦତ୍ତ ହୋଇଥିବ । ପରାକ୍ଷଣୀ ତା' ଭିତରୁ ସବୁଠାରୁ ଠିକ୍ ଉତ୍ତରଟିକୁ ବାଛିବେ । ପ୍ରତି ଯଦି ଉତ୍ତର ପାଇଁ ୧ ନମ୍ବର ରହିବ ।
୨. ଲେଖା ଓ ଲେଖକ: ସାରଳା ଦାସ, ଜଗନ୍ନାଥ ଦାସ, ଉପେନ୍ଦ୍ର ଭଞ୍ଜ, ଭୀମଭୋଇ, ଫକୀରମୋହନ, ଗୋପାଳଚନ୍ଦ୍ର ପ୍ରହରାଜ, ଗୋପାଳାଧ୍ୟାୟ ମହାନ୍ତି- ଲେଖକଙ୍କର ଗୋଟିଏ କୃତ୍ତିର ନାମ ଉଲ୍ଲେଖ କରାଯାଇ ଲେଖକଙ୍କ ନାମ ଦିଆଯାଇ ଭିନ୍ନ ଭିନ୍ନ ଚାରିଟି ଉତ୍ତର ମଧ୍ୟରୁ ଠିକ୍ ଉତ୍ତରଟି ବାଛିବାକୁ କୁହାଯିବ ।
୩. ପଦନିର୍ଣ୍ଣୟ : ଗୋଟିଏ ନିର୍ଦ୍ଦିଷ୍ଟ ବାକ୍ୟ ଦିଆଯାଇ ତହିଁରୁ ଗୋଟିଏ ପଦକୁ ରେଖାଙ୍କିତ କରି ସେହି ପଦଟିକୁ ଚିହ୍ନାଙ୍କିତ ପ୍ରଶ୍ନ କରାଯିବ । ଏଥିପାଇଁ ଧର୍ମ ସମ୍ପୂର୍ଣ୍ଣ ଉତ୍ତର ଦିଆଯିବ । ପରାକ୍ଷଣୀ ଠିକ୍ ଉତ୍ତରଟିକୁ ବାଛିବେ । ଏହିପରି ବିଶେଷ୍ୟ/ ସର୍ବନାମ / ବିଶେଷଣ/ ଅବ୍ୟୟ/ କ୍ରିୟାପଦ ଇତ୍ୟାଦି ୫ ପ୍ରକାର ମଧ୍ୟରୁ ଏ(ଟିନି) ପ୍ରକାରର ଏକ ପଦକୁ ଚିହ୍ନାଙ୍କିତ ହେବ । ଏଥି ପାଇଁ ଭିନ୍ନ ଭିନ୍ନ ଏ(ଟିନି)ଟି ବାକ୍ୟମାଧ୍ୟମରେ ପ୍ରଶ୍ନ କରାଯିବ ।
୪. କୃପଣ: ଗୋଟିଏ କୃପଣ ନିଷ୍ଠୁର ପଦର ଗଠନ କିମ୍ବା ପ୍ରତ୍ୟୟ ଚିହ୍ନାଙ୍କିତ ପ୍ରଶ୍ନ କରାଯିବ । ପ୍ରଶ୍ନର ଧର୍ମ ସମ୍ପୂର୍ଣ୍ଣ ଉତ୍ତର ଦିଆଯାଇ ଠିକ୍ ଉତ୍ତରଟି ବାଛିବାକୁ ନିର୍ଦ୍ଦେଶ ରହିବ ।
୫. ତତ୍ତ୍ୱ: ଗୋଟିଏ ତତ୍ତ୍ୱ ନିଷ୍ଠୁର ପଦ ଦିଆଯାଇ ପ୍ରତ୍ୟୟ ନିର୍ଣ୍ଣୟ କିମ୍ବା ଧର୍ମ ଭିନ୍ନ ଭିନ୍ନ ଶବ୍ଦ ମଧ୍ୟରୁ ତତ୍ତ୍ୱ ନିଷ୍ଠୁର ପଦ ଠିକ୍ ଶବ୍ଦଟି ରଖି ତାକୁ ଚିହ୍ନାଙ୍କିତ କୁହାଯିବ ।
୬. ବାକ୍ୟ ପରିଚିତି: ସରଳ, ଯୌଗିକ, ଜଟିଳ ବାକ୍ୟ କିମ୍ବା ଦୁଇ ପ୍ରକାର ବାକ୍ୟର ମିଶ୍ରରୂପ ଭିତରୁ ଯେ କୌଣସି ବାକ୍ୟଟି ପ୍ରଶ୍ନରେ ଦେଇ ତା'ର ପ୍ରକାର ଚିହ୍ନାଙ୍କିତ କୁହାଯିବ । ସମ୍ପୂର୍ଣ୍ଣ ସ୍ୱରୂପ ଧର୍ମ ପ୍ରକାର ଉତ୍ତର ଦିଆଯିବ, ତା' ଭିତରୁ ପରାକ୍ଷଣୀ ଠିକ୍ ଉତ୍ତରଟିକୁ ବାଛିବେ ।
୭. ସାଧାରଣ ଅଶୁଦ୍ଧି : ଶବ୍ଦ ବା ବାକ୍ୟରୁ ଗୋଟିଏ ପ୍ରଶ୍ନ ଦିଆଯାଇ ସେଥିରୁ ଠିକ୍ ଶବ୍ଦ କିମ୍ବା ବାକ୍ୟ ବାଛିବାକୁ କୁହାଯିବ । ଏଥିରେ ଏ ଟି ଅଶୁଦ୍ଧ ଶବ୍ଦ କିମ୍ବା ବାକ୍ୟ ଓ ଗୋଟିଏ ଶୁଦ୍ଧ ଶବ୍ଦ ବା ବାକ୍ୟ ଥିବ, ସେଥିରୁ ଠିକ୍ ଚିହ୍ନାଙ୍କିତ କୁହାଯିବ ।
୮. ସହି: ସୁରସହି, ବ୍ୟଞ୍ଜନ ସହି ଓ ବିସର୍ଗ ସହି ମଧ୍ୟରୁ ଯେକୌଣସି ଗୋଟିଏ ସହି ନିଷ୍ଠୁର ପଦ ନେଇ ତା'ର ଠିକ୍ ବିକ୍ଷେପ ବାଛିବାକୁ ଧର୍ମ (ଚାରି)ଟି ସମ୍ପୂର୍ଣ୍ଣ ଉତ୍ତର ଦିଆଯିବ । ପରାକ୍ଷଣୀ ଠିକ୍ କୁ ବାଛିବେ ।
୯. ଜାରକ: ବାକ୍ୟଟି ଦେଇ ଗୋଟିଏ ପଦକୁ ରେଖାଙ୍କିତ କରି ତାହା କେଉଁ ଜାରକ ଚିହ୍ନାଙ୍କିତ କୁ ଧର୍ମ ସମ୍ପୂର୍ଣ୍ଣ ଉତ୍ତର ମଧ୍ୟରୁ ଠିକ୍ ବାଛିବାକୁ କୁହାଯିବ ।
୧୦. ବିଭକ୍ତି: ବାକ୍ୟଟି ଦେଇ ଗୋଟିଏ ପଦକୁ ରେଖାଙ୍କିତ କରି ତାହା କେଉଁ ବିଭକ୍ତି, ଦିଆଯାଇଥିବା ଧର୍ମ ସମ୍ପୂର୍ଣ୍ଣ ଉତ୍ତର ମଧ୍ୟରୁ ବାଛିବାକୁ କୁହାଯିବ । ଏହିପରି ଗୋଟିଏ ପ୍ରଶ୍ନ ପ୍ରଦାନ କରାଯିବ ।
୧୧. ସମାସ: ତତ୍ ପୁରୁଷ, କର୍ମଧାରୟ, ବହୁବ୍ରୀହି, ଦ୍ୱିଗୁ, ଦ୍ୱୟ, ଅବ୍ୟୟାଭାବ- ୭ଟି ସମାସ ମଧ୍ୟରୁ ଦୁଇଟି ପ୍ରଶ୍ନକରାଯାଇ ସମାସ ଚିହ୍ନାଙ୍କିତ କିମ୍ବା ବ୍ୟାସବାକ୍ୟ ଦିଆଯାଇ ସମାସ ନିଷ୍ଠୁର ପଦ ନିର୍ଣ୍ଣୟ କରିବାକୁ ଦିଆଯିବ । ପ୍ରତିଟି ପାଇଁ ଧର୍ମ ସମ୍ପୂର୍ଣ୍ଣ ଉତ୍ତର ପ୍ରଦାନ କରି ଠିକ୍ ଚିହ୍ନାଙ୍କିତ କୁହାଯିବ ।
୧୨. ରୁଦ୍ଧି- ଗୋଟିଏ ପ୍ରଶ୍ନ ଦିଆଯାଇ ସମ୍ପୂର୍ଣ୍ଣ ଉତ୍ତର ଦିଆଯିବ । ଠିକ୍ ଉତ୍ତର ବାଛିବାକୁ ନିର୍ଦ୍ଦେଶ ରହିବ ।

Scheme & Syllabus

For

**Computer Based Recruitment Examination (CBRE)
For Recruitment of Contractual Telugu Teachers in Govt.
Secondary Schools**

2021-2022

**Directorate of Secondary Education
6th Floor, HOD Building, Unit-V, Bhubaneswar, Odisha,
751001**

**Scheme for Computer Based Recruitment Examination (CBRE) for
Recruitment of Contractual Telugu Teachers in Govt. Secondary Schools 2021**

Test Duration	150 Minutes
Total Questions	150 Objective Type Multiple Choice Questions
Total Marks	150 marks*

* Every question will carry one mark each and there will be negative marking @0.25 marks for each wrong response.

Category	Paper	Type of Questions	Number of Questions	Full Marks	Level	Languages (Medium of Question)	Subjects
Common Paper	I	MCQ	90	90	-NA-	English	a)General Knowledge & Current Affairs, b)Reasoning Ability, c)Computer Literacy, d)Pedagogy, Educational Management and Policy & Evaluation.
Telugu Teacher	II	MCQ	60	60	Graduation	Telugu	Telugu

Paper-I

- | | |
|--|------------|
| 6. General Knowledge and Current Affairs | (30 Marks) |
| 7. Reasoning Ability | (20 Marks) |
| 8. Computer Literacy | (10 Marks) |
| 9. Pedagogy, Educational Management, Policies & Evaluation | (30 Marks) |

Paper-II

- | | |
|-------------|------------|
| 10. Subject | (60 Marks) |
|-------------|------------|

Total Marks	(150 Marks)
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**Syllabus for Computer Based Recruitment Examination (CBRE) for
Recruitment of Contractual Telugu Teachers in Govt. Secondary Schools 2021**

Paper -I

(Total 90 marks)

[General Knowledge and Current Affairs, Reasoning Ability, Computer Literacy,
Pedagogy, Educational Management, Policy and Evaluation]

Section-I

1. General Knowledge and Current Affairs (30 Marks)

- vii. Current events of State (Odisha), National and International Importance
- viii. History of Odisha / India and Indian National Movement
- ix. Indian and World Geography
- x. Indian Polity
- xi. Economic and Social Development
- xii. Everyday Science

Section-II

2. Reasoning Ability (20 Marks)

- vi. General mental ability,
- vii. Logical reasoning and analytic ability
- viii. Decision making and problem solving
- ix. Basic numeracy
- x. Data interpretation

Section-III

3. Computer Literacy (10 Marks)

- viii. Basic computer literacy skills for use of ICT in classrooms
- ix. Concepts, terminology and operations that relate to general computer usage.
- x. Basic Hardware of Computer
- xi. Common Applications,
- xii. Networking and Internet
- xiii. Social Networking
- xiv. Digital Citizenship

Section-IV

4. Pedagogy, Educational Management, Policies & Evaluation (30 Marks)

A. Child Development (Process of Growing Up)

1. Growth and Development

- Concept, Difference & Principles of Development
- Growth and development during Adolescence

- Counseling services for Adolescents
2. Factors Affecting Different Developmental Aspects
 - Cognitive
 - Social(Erikson's Theory)
 - Emotional
 - Moral(Kohlberg theory)
 - Language Development
 - Needs and problems at childhood and Adolescence
 3. Approaches to Understanding the Nature of Intelligence
 - Psychometric approach (Thurstone, Guilford ,Gardener)
 - Information Processing Approach-Sternberg
 - Cognitive Development Approach-Piaget
 - Social Constructive Approach-Vygotsky
- B. Learning Process / Pedagogy
1. Understanding the Learning Process
 - Learning as a process and an outcome
 - Approaches – Humanistic (Karl Rogers)
 - Constructivist (Piaget and Vygotsky)
 - Basic conditions of learning: Readiness, Maturation, Motivation, Task and Methods
 2. Organizing Learning
 - Teacher-Centric, Learner –Centric, Learning-Centric
 - Characteristics and Process
 4. Addressing Classroom Diversity
 - Using varieties of TLMs and AV Aids
 - Using context of the learner
 - Using variety of activities while group learning, small group learning and self learning
 - Learner in the context of Inclusive Education
- C. Educational Management
- Educational Management: Concept, Importance and Scope, Types of Management, Democratic and Autocratic, Centralized and Decentralized
 - Management Structure at different levels, National/State/District/Sub-district (BRCs, CRCs, SMCs, SMDC)
 - School Development Plan (SDP): Concept, purpose, Key action by Headmaster, students, Parents and SMDC
- E. Educational Policies and Programmes
- National Educational Policy 2020
 - RTE Act, 2009
 - National Curriculum Framework,2005
 - SSA, RMSA and Samagra Shiksha
- F. ASSESING THE LEARNER / PERFORMANCE (EVALUATION)
1. Assessment and Evaluation
 - Assessment and evaluation in constructive perspective

- Concept, Continuous and Comprehensive Evaluation , Formative, Summative and Diagnostic Assessment
2. Assessment and Learning
- Assessment of Learning, Assessment for learning, Assessment as Learning
 - Subject-based learning in a constructivist perspective
 - Assessment tools and techniques –Projects, Assignments, Observation, Teacher made Tests
 - Self-assessment, Peer-assessment
 - Portfolios, rubrics
3. Test Construction
- Steps and Principles of Test Construction
 - Preparation of test items
 - Standardized and Teacher made Test
4. Recent Developments in Assessment
- Grading
 - Assessment in co-scholastic area
 - Implementation strategy of Continuous and Comprehensive Evaluation

Paper –II

(Total 60 Marks)

Telugu Teacher

[60 questions are to be asked. Each question carries 01 mark]

TELUGU (60 Marks)

1. Language – Mother tongue, Aims of teaching through mother tongue, Language teaching skills, Language – Methodology.
2. Teaching Methods, Teaching Practice; Teaching Aids, Literature works – Teaching Methods.
3. Education – Technology, Assessment of Learning, Planning and Designing Achievement Tests, Other Tools for Assessment, Utilization of Educational Sources, Evaluation
4. Unseen poetry passage, unseen prose passage with test items, vocabulary, opposite words, identification of parts of speech; identification of genders
5. Gramatical items : Pronunciation – voice – words formation, words, pratyayamulu, Kalalu, Drutaprakrutikalulu, Parusha, Saralalu, Parts of Speech; Sentences, Tense, Genders, Figures of Speech, Punctuation marks, Meanings, Synoniums, Antoniums, Deviations, Clauses, Phrases, Subjective and non-subjective sentences; different types of sentences, active voice – passive voices, direct – indirect speech, formation of sentences, foreign, country and village words; Sandhi, Samas, Idioms, Phrases and other meanings; Chandhassu, Alankara etc.
6. Contributions of famous literates for development of Telugu language
 - Nannaya – “Mahabharat” Chapter 4 (120 – 165)
 - Karivi / Goparaju – Salivahana Vidyam. Chapter – 1 (115-165)
 - Garimella Satyanarayan – We do not want British ruling
 - Shri Shri – Mahaprastanam
 - Vimala – Vantillu Enta Adbutam

- Unit - 1 • భాష - మాతృభాష
 • మాతృభాష బోధనా లక్ష్యములు
 • బోధనా నైపుణ్యాలు
 • భాష - వివిధ భావనలు

- Unit - 2 • బోధనా పద్ధతులు
 • బోధనా పద్ధతి సేవ
 • బోధనా క్రమం ఉపకరణాలు
 • సాహిత్య ప్రక్రియలు - బోధనా పద్ధతులు

- Unit - 3 • విద్య - సాంకేతిక శాస్త్రం
 • సహాపాఠ్య కార్యక్రమాలు
 • ప్రణాళిక రచన
 • పాఠ్యక్రమాలు
 • వనరుల వినియోగం
 • మూల్యాంకనం

- Unit - 4 • **GROUP "B"**
 • అపరిచిత పద్య భాగము / అపరిచిత గద్య భాగముపై ప్రశ్నోత్తరం
 • పదముల అర్థాలు • వ్యతీత అర్థాలు • ఏ భాషా భాగము గుర్తించుట
 • మహాద్వంద్వం • మహాత్వంద్వం • త్రిమహాద్వంద్వం మున్నగునవి

- Unit - 5 • భాషాంశాలు :- ఉచ్చారణ - ధ్వని - ధ్వని స్పృశ్చుత్తి - స్థానాలు - పదము - ప్రాతిపదిక - ప్రఖ్యయములు - కళలు - దృఢ ప్రకృతికాలు; పరుషాలు - సరళాలు; భాషాభాగాలు; వచనాలు, కాలాలు; వింగం; విభక్తులు; విరామ చిహ్నాలు; అర్థాలు; నానాార్థాలు; ప్రఖ్యయ పదాలు; ప్యుష్టాక్షరాలు; సమాపక-అసమాపక క్రియలు; ఉకర్మక - సకర్మక క్రియలు; వాక్యరీతులు; కర్తార్థక - కర్మార్థక వాక్యాలు; ప్రశ్నార్థ - పరోక్ష వాక్యాలు; వాక్య నిర్మాణం; తత్పద - తద్భవ, దేర్శ్య, గర్భ్య, అన్యదేర్శ్య పదాలు మున్నగునవి. తెలుగు - సంస్కృత సంధులు; సమాసములు; తెలుగు జాతియములు - అక్షరవివరణ; ఛందస్సు (ఉత్పలములు, చంపకములు, సారథ్యం, మత్తీభం, అటసెయి, తెలుగిళి, కందము), అలంకారములు.

- Unit - 6 • తెలుగు భాషాభివృద్ధికి ఆముఖ్య క్రమాలు:

- నన్నయ :-
 ఆంధ్ర మహాభారతం, ఆదిపర్వము, 4వ. ఆశ్వాసం (120 - 165)
 "నరవతుడగు నెతమనకు" నుండి "వివ్యభూషణాలంకృత" వరకు.
- కొండవీటి గణిప రాజు :-
 శాలివాహన విజయం.
 సంహాసన ద్వైతాంశిక - ఓకటువ ఆశ్వాసం (115 - 165)
 "సజ్జిత దానధర్మ" నుండి "బిల్లు విక్రమామృతీశ్చిన" వరకు.
- గరిమెట్ల సత్యనారాయణ :- "మాతృజ్ఞ తెల్లదొరతనం"
- శ్రీశ్రీ :- "మహాప్రస్థానం"
- విమల :- వంటిల్లు "ఎంత అభ్యుత మైనది" నుండి "కెంటరి వంటగదులు" వరకు

* * * *
 01. U.K. S.V. / *[Signature]*
 02. V. Paparao.