



# AP Ed.CET-2020

Conducted by ANDHRA UNIVERSITY, VISAKHAPATNAM

on behalf of APSCHE, Amaravati



<https://sche.ap.gov.in/>

## INSTRUCTION BOOKLET

### Registration of Application

AP Ed.CET	Registration fee Rs.400/- for SC/ST and Rs.600/- for others
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#### Important Dates:

Details	Date
Date of issue of AP Ed.CET-2020 Notification	13-03-2020 (Friday)
Date of Commencement of submission of Online application forms	14-03-2020 (Saturday)
Last date for submission of Applications without Late fee	24-04-2020 (Friday)
Last date for submission of Application with a Late fee of Rs.500/-	27-04-2020 (Monday)
Download of Hall Tickets	04-05-2020 (Monday)
Date & Time of AP Ed.CET-2020	09-05-2020 (Saturday)
	11-00 am to 01-00pm

Submission of Application is permitted through online mode only.

Registration Fee is non-Refundable.

## **INSTRUCTIONS TO CANDIDATES OF AP Ed.CET-2020**

A Common Entrance Test, designated as Education Common Entrance Test-2020 (AP Ed.CET-2020) will be conducted by the CONVENER, AP Ed.CET-2020, Institute of Advanced Study in Education (IASE), Andhra University, Visakhapatnam on behalf of the Andhra Pradesh State Council of Higher Education for admission into B.Ed. Regular Course in the University, Government, Aided and Private Colleges of Education in Andhra Pradesh for the academic year 2020-2021.

### **I. ELIGIBILITY TO APPEAR FOR AP Ed.CET-2020.**

(i) Candidates satisfying the following requirements shall be eligible to appear for AP Ed.CET-2020.

(i) The Candidates should be Indian Nationals.

(ii) The Candidates should satisfy Local/Non-Local status requirements as laid down in the Andhra Pradesh Educational Institutions (Regulation of Admission) Order 1974 as subsequently amended.

#### **(iii) Educational Qualifications:**

(a) Candidates should have passed/appearing for final year examinations of B.A./B.Sc./B.Sc. (Home Science)/B.Com./ B.C.A./B.B.M. at the time of submitting the Application for AP Ed.CET-2020. Candidates are required to produce marks memo and pass certificate at the time of admission.

(b) Candidates should have secured a minimum of **50% marks** either in the Bachelors Degree i.e., B.A./B.Sc./B.Sc. (Home Science)/B.Com./B.C.A./B.B.M and or in the Post-Graduate Degree in relevant subject or 5 years integrated course in the relevant subject of methodology or any other qualification equivalent thereto. However the candidates belonging to all other reserved categories **S.C, S.T., B.C.(A/B/C/D/E), and physically handicapped should have secured a minimum of 40% marks** in the qualifying examination.

**Note: The candidates who passed B.E/B.Tech (minimum of 55%), with Mathematics, Physics are eligible for admission into the Course.**

(iv) Age Limit: The candidates should have completed the age of 19 years on the 1st of July in the year in which notification is issued. There shall be no maximum age limit.

### **II. SCHEME OF EXAMINATION FOR AP Ed.CET-2020**

The common entrance test will be of objective type (multiple choices) examination. Candidate has to answer 150 questions in two hours time.

**Part-A:** General English - 25 questions for 25 marks

**Part-B:** 1) General Knowledge - 15 questions for 15 marks

2) Teaching Aptitude - 10 questions for 10 marks

**Part-C:** Methodology: Candidate has to choose one of the following subjects. It consists of 100 questions for 100 marks.

1) Mathematics - 100 questions for 100 marks

2) Physical Sciences - 100 questions for 100 marks

(i) Physics - 50 questions for 50 marks

(ii) Chemistry - 50 questions for 50 marks

3) Biological Sciences - 100 questions for 100 marks

(i) Botany - 50 questions for 50 marks

(ii) Zoology - 50 questions for 50 marks

4) Social Studies - 100 questions for 100 marks

(i) Geography - 35 questions for 35 marks

(ii) History - 30 questions for 30 marks

(iii) Civics - 15 questions for 15 marks

(iv) Economics - 20 questions for 20 marks

5) English - 100 questions for 100 marks

**Note:** Part-A and Part-B are common for all the candidates irrespective of Methodology chosen in Part-C.

### **III. ELIGIBILITY CRITERIA FOR THE CHOICE OF SUBJECT UNDER PART-C**

(G.O.Ms.No. 92, Education (SE-Trg-I) Department, dated 16-11-2006 and the amendments thereafter).

#### **METHODOLOGY ELIGIBILITY**

**1. Mathematics:** Candidates with B.A/B.Sc. with Mathematics as one of the group subjects or B.C.A. candidate's with Mathematics at intermediate level as a group subject or B.Tech. with Mathematics & Physics.

**2. Physical Sciences:** Candidates with B.Sc. who have studied Physics and Chemistry or Allied Material Sciences under Part-II group subjects or B.C.A. Candidates with Physical Sciences (Physics and Chemistry) at intermediate level as group subjects.

**3. Biological Sciences:** Candidates with B.Sc./B.Sc.(Home Science) who have studied Botany and Zoology or Allied Life Sciences under Part-II group subjects or B.C.A. candidates with Biological Sciences at intermediate level as group subjects.

**4. Social Studies:** All candidates with B.A./B.Com./B.B.M. or B.C.A. candidates with Social Sciences at intermediate level as group subjects.

**5. English:** Candidates with B.A Special English or M.A. English

#### **IV. MEDIUM OF ENTRANCE TEST**

The question paper will be in English and Telugu except for English methodology. However, candidates opting to write the Entrance Test in Urdu medium will be served with Urdu paper and such candidates shall opt Kurnool as Test Centre.

#### **V. CENTRES OF ENTRANCE TEST**

The Common Entrance Test will be held at the following Centres.

Anantapuramu, Chittoor, Puttur, Tirupathi, Kadapa, Kurnool, Nandyal, Nellore, Ongole, Guntur, Vijayawada, Bhimavaram, Kakinada, Rajamahendravaram, Visakhapatnam, Vizianagaram, Srikakulam

**However, Convener reserves the right to allot candidates to any other center(s) in unavoidable circumstances.**

#### **VI. QUALIFYING MARKS:**

The qualifying marks in the Entrance Test for all candidates (except SC/ST) are 37 out of total marks (i.e. 25%). For the candidates belonging to SC/ST communities, there will be no qualifying marks for ranking. There will be no minimum qualifying marks for women in Physical Sciences/Mathematics methodologies.

#### **VII. RESULTS:**

**RANKING:** Candidates will be ranked in each methodology in the order of merit on the basis of marks obtained in AP Ed.CET -2020 examination. Where there is a tie in total marks, Part-C marks will be taken into account to decide relative ranking. In case of further tie, the marks obtained in Part-A will be taken into account to decide relative ranking.

In case of candidates getting equal marks in each of the parts of the test paper, they shall be bracketed for the purpose of award of rank. At the time of admission into the course, age shall be taken into consideration for relative ranking among the bracketed candidates and the older candidates shall be given priority.

The rank obtained in AP Ed.CET-2020 is valid for entry into B.Ed. course for the academic year 2020-2021 only.

## **VIII. RULES OF RESERVATION FOR ADMISSION:**

### **1. Local Area-Wise Reservations:**

(i) Admission to 85% of the seats in each methodology shall be reserved for the local candidates and 15% of the seats shall be left unreserved as specified in the Andhra Pradesh Educational Institutions (Regulations and Admissions) Order 1974 as amended in G.O.P.No.646 Education (W) Department, dated:10th July, 1979.

(ii) The part of the State comprising the districts of Srikakulam, Vizianagaram, Visakhapatnam, East Godavari, West Godavari, Krishna, Guntur and Prakasam shall be regarded as the Andhra University-Local Area.

(iii) The part of the State comprising the districts of Anantapur, Kurnool, Chittoor, Kadapa and Nellore shall be regarded as the Sri Venkateswara University-Local Area.

(iv) All the districts of Telangana shall be regarded as the Osmania University-local area.

(iv) In respect of State-wide Institutions, i.e., Sri Padmavathi Mahila Viswa Vidyalayam, Tirupati, Dravidian University, Kuppam admission to 85% of seats, in each methodology shall be reserved for the candidates belonging to the three local areas mentioned above and the balance of 15% of seats shall be left for the open competition.

### **2. The Local Candidate:**

(A) A candidate for admission shall be regarded as a local candidate in relation to local area:

i) If he/she has studied in an Educational Institution or Educational Institutions in such local area for a period of not less than four consecutive academic years ending with the academic year in which he/she appeared or as the case may be first appeared in the relevant qualifying examination.

ii) Where, during the whole or any part of the four consecutive academic years, ending with the academic year in which he/she appeared or as the case may be first case may be first appeared for the relevant qualifying examination, he/she has not studied in Educational Institutions, if he/she resided in the local area for a period of not less than four years immediately preceding the date of commencement of the relevant qualifying examination in which he/she appeared or as the case may be first appeared

(B) A candidate for admission to the course who is not regarded as local candidate under clause (A) in relation to any local area shall be as local candidate.

(a) If he/she has studied in educational institutions in the state for a period of not less than seven consecutive academic years ending with the academic year in which he/she appeared or as the case may be first appeared for the relevant qualifying examination, be regarded as local candidate in relation to:

(i) Such local area where he/she has studied for the maximum period out of said period of seven years **OR**

(ii) Where the period of his/her studies in two or more local areas are equal, such local area where he/she has studied last in such equal periods **OR**

(b) If during the whole or any part of seven consecutive academic years, ending with the academic year in which he/she appeared or as the case may be first appeared for the relevant qualifying examination, he/she has not studied in the educational institutions in any local area but has resided in the State during the whole of the said period of seven years, be regarded as a local candidate in relation to:

(i) Such local area where he/she has resided for the maximum period of the said period of seven years. **OR**

(ii) Where the periods of his/her residence in two or more local areas are equal, such local area where he/she resides last in such equal periods.

(C) The following categories of candidates are eligible to apply for admission to the remaining 15% of unreserved seats.

(i) All the candidates eligible to be declared as local candidates.

(ii) Candidates who have resided in the State for a total period of ten years excluding periods of study outside the State.

(iii) Candidates either of whose parents is in the employment of this State or Central Government, Public Sector Corporations, Local Bodies, Universities and similar other quasi-public institutions within the State at the time of submitting the application.

(iv) Candidates who are spouses of those in the employment of the State or Central Government, Public Sector Corporations, Local Bodies, Universities and Educational Institutions recognized by the Government or University OR other competent authority and similar quasi Government institutions within the State.

(D) If a local candidate in respect of local area is not available to fill any seat reserved or allocated in favour of a local candidate in respect of that local area, such seat shall be filled in as if it has been un-reserved.

**Note:** For details see the Andhra Pradesh Education Institutions (Regulations and Admissions) Order, 1974 as amended in G.O.P. No. 646, Edn.(W).

## **IX. SUBMISSION OF FILLED IN APPLICATIONS THROUGH ONLINE:**

**Applications should be submitted through online only.**

**Fee once paid will not be refunded.**

## **REFER USER MANUAL FOR ONLINE SUBMISSION OF APPLICATION**

### **X. GENERAL INFORMATION / INSTRUCTIONS:**

1. The Convener or/and the Common Entrance Test Committee reserve the right to reject the application of a candidate at any stage, if. a) The application is incomplete. b) The candidate fails to satisfy the prescribed eligibility conditions. c) False or incorrect information is furnished.
2. Candidate shall with utmost precaution chose the methodology subject under PART-C of the question paper attempted based on the subjects he/she has studied at degree or post graduate level as the case may be. Convener, AP Ed.CET-2020 is not responsible for wrong selection of the methodology subject to be attempted under PART-C of the entrance test.
3. Any change whatsoever, including that of caste/community status or category, shall not be permitted to be made in the filled in application once it is submitted to the Convener. No correspondence will be entertained in this regard.
4. The Convener is not responsible for the non-submission of application by the notified date and time for any reason whatsoever.
5. The Candidate should preserve the hall ticket to produce it at the time of test and later at the time of entry into the course.
6. Applicants should download hall tickets from website <https://sche.ap.gov.in/edcet> only.
7. The appearance at AP Ed.CET-2020 does not entitle any candidate to be considered for entry into the course automatically.
8. The rank obtained with the benefit of relaxation of minimum qualifying marks at the AP Ed.CET-2020 by any candidate, claiming to belong to SC/ST category, will be cancelled in case the claim is found to be invalid later or at any point of time.
9. The selection of candidates and allotment to colleges will be on the basis of rank obtained at the Common Entrance Test and other conditions laid down.
10. Candidate will not be permitted into the exam hall after the scheduled time on the date of entrance test.
11. In any litigation, the party to be impleaded shall be the Convener of the AP Ed.CET-2020 only and this shall be subject to the jurisdiction of High Court of A.P.
12. **Candidates are advised to practise the mock tests placed in the website and familiarize with the mode of attempting the online test.**

## **AP ED.CET-2020 SYLLABUS**

**COVERING THE DEGREE SUBJECTS (B.A., B.Com. B.Sc.) FOR THE PERIOD  
2017-20**

**Syllabus for the subjects under Part-A, Part-B and Part-C of the Education Common  
Entrance Test-2020:**

### **PART-A: GENERAL ENGLISH**

1. Reading Comprehension.
2. Correction of Sentences, Articles, Prepositions, Tenses, Spelling.
3. Vocabulary, Synonyms, Antonyms.
4. Transformation of Sentences - Simple, Compound and Complex. Voices, Direct Speech and Indirect Speech.

### **PART-B: GENERAL KNOWLEDGE & TEACHING APTITUDE**

1. Questions will be designed to test the ability of the candidate's general knowledge of the environment around him and its application to society.
2. Questions will also be designed to test knowledge of current events and of such matters of every day observation and experience in their scientific outlook as is expected of an educated person.
3. The test will also include questions relating to India and its neighboring Countries especially pertaining to History, Culture, Geography, Ecology, Economics, General Policy and Scientific Research.
4. Teaching requires certain characteristics like ability to communicate, ability to deal with Children, ability to recognize individual differences etc., apart from analytical thinking and general intelligence. One who has these characteristics will be able to become a good teacher after training. Questions relating to these aspects will be included to test one's teaching aptitude.

### **PART-C: One of the following subjects to be opted:**

1. Mathematics (MS)
2. Physical Sciences (Physics and Chemistry) (PS)
3. Biological Sciences (Botany and Zoology) (BS)
4. Social Studies (Geography, History, Civics and Economics) (SS)

**(For these four subjects Syllabus shall be of graduation level (revised common core degree syllabus)**

5. English [Special English in B.A.]



**The Syllabus for Part C for Subject: English shall cover**

**a) Syllabus pertaining to English for Classes VIII, IX and X and that for the Two-Year Intermediate course of A.P-50 Questions (50 Marks)**

**Topics**

- i) Language functions ii) Elements of Phonetics iii) Grammar  
iv) Phrasal Verbs (idioms) v) Writing skills vi) Study skills vii) Reference skills

**b) Syllabus prescribed for Optional English at B.A. Degree Level (B.A. Special English)/  
Modern Literature Syllabus in English-50 Questions (50 marks)**

**MODEL PAPER**

**PART-A: GENERAL ENGLISH (Marks: 25)**

1. The idiom 'cold blood' means

- (1) Indifferently (2) Deliberately (3) Unintentionally (4) In anger

2. We attended a..... of classical music last Sunday.

Fill in the blanks with the correct word given.

- (1) Programmes (2) Consort (3) Show (4) Function

3. Identify the correct sentence given.

- (1) Will you mind closing the door?  
(2) Would you mind to closing the door?  
(3) Would you mind closing the door?  
(4) Would you mind switch off the fan?

**PART-B: GENERAL KNOWLEDGE AND TEACHING APTITUDE (Marks : 25)**

1. Who is related to Green Revolution in India?

- (1) VargheeseKurian (2) Anand  
(3) Dr. M.S. Swaminadhan (4) MedhaPatkar  
(4) Carbon good performance  
(3) Unsure of punishment or reward (4) left entirely to themselves

**PART-C: MATHEMATICS**

**(Code:1-Mathematics Methodology) (Marks: 100)**

1. A regular polygon has 10 sides. Then the number of its diagonals is :

- (1) 30 (2) 35 (3) 40 (4) 45

2. The standard deviation of 1, 2, 3,....., 10 is  $\sigma$ . Then the standard deviation of 11, 12, 13,....., 20 is :

- (1)  $\sigma + 10$  (2)  $10\sigma$  (3)  $\sigma + 20$  (4)  $\sigma$

3. The number of even positive divisors of 10800 is :

- (1) 46 (2) 60 (3) 48 (4) 12

## **PART-C : PHYSICAL SCIENCES**

**(Code:2-Physical Sciences Methodology) (Marks: 100)**

### **PHYSICS (Marks: 50)**

1. Two objects A and B are thrown vertically upwards with their initial speeds in the ratio of 2:3. The ratio of the maximum heights attained by them is :

(1) 2:3 (2) 3:2 (3) 4:9 (4) 9:4

2. If the current flows in a conductor from east to west, the direction of the magnetic field at a point above the conductor is:

(1) towards west (2) towards east (3) towards north (4) towards south

3. Kilowatt hour is the unit of:

(1) Electric power (2) Electric resistance (3) Electric potential (4) Electric energy

1. In a colloidal system, the dispersed phase is a liquid and the dispersion medium is a solid.

The colloidal system is : (1) a foam

(2) a sol (3) an emulsion (4) a gel

2. Which of the following is a semiconductor?

(1) Ag (2) Cu (3) Au (4) Si

3. The display unit of calculator contains :

(1) gases (2) crystals (3) liquid crystals (4) liquids

## **PART-C : BIOLOGICAL SCIENCES**

**(Code:3-Biological Sciences Methodology) (Marks : 100)**

### **BOTANY (Marks : 50)**

1. Which of the following is a vascular cryptogam ?

(1) Gymnosperms (2) Angiosperms (3) Bryophytes (4) Pteridophytes

2. Bacterial nuclear material does not contain :

(1) DNA (2) Circular DNA (3) Polyamines (4) Histones

3. Which of the following is incorrect about plasmids?

(1) Extra chromosomal genetic material (2) Transmitted to another bacterium during conjugation

(3) Impart no special property to the bacterium (4) Transmitted to daughter cells by binary fission.

### **ZOOLOGY (Marks: 50)**

1. One of the following fishes is known for discontinuous distribution:

(1) Exocoetus (2) Clarias (3) Protopterus (4) Torpedo

2. Function of parapodia :

(1) Respiration (2) Touch (3) Excretion (4) Feeding

3. The division of Nucleus alone is known as :

(1) Mitosis (2) Amitosis (3) Cytokinesis (4) Karyokinesis

### **PART-C: SOCIAL STUDIES**

**(Code: 4-Social Studies Methodology) (Marks: 100)**

#### **GEOGRAPHY (Marks: 35)**

1. The continent that has occupied the largest area in the equatorial belt is :

(1) South America (2) Australia (3) Africa (4) Asia

2. Which one of the following is not a Sea?

(1) Aral Sea (2) Black Sea (3) Yellow Sea (4) White Sea

3. Arabica is a variety of which one of the following crop?

(1) Tea (2) Coffee (3) Cocoa (4) Sugar cane

#### **HISTORY (Marks: 30)**

1. The Treaty of Berlin was concluded in:

(1) 1878 (2) 1879 (3) 1880 (4) 1882

2. Who introduced New Economic Policy?

(1) Chekov (2) Stalin (3) Gorky (4) Lenin

3. Konark Sun Temple is in:

(1) Bihar (2) Orissa (3) Karnataka (4) Kerala

#### **CIVICS (Marks: 15)**

1. "Contempt of Court" comes under:

(1) Union list (2) State list (3) Concurrent list (4) Exemption in Union list

2. How many member-states of the U.N.O. enjoy the „VETO power?

(1) 1 (2) 2 (3) 5 (4) 10

3. Which of the following is not a device of direct democracy?

(1) Referendum (2) Plebiscite (3) Recall (4) Reservation

#### **ECONOMICS (Marks: 20)**

1. Which of the following is an indirect tax ?(1) Personal Income Tax (2) Corporate Tax  
(3)Wealth Tax (4) Tax on natural resources

2. Bank drafts are issued by:

(1) International Monetary Fund (2) Commercial Banks (3) Reserve Bank of India (4)  
Business Firms

3. Which of the following is a source of revenue in the revenue account of the budget?

(1) Subsidies (2) Market borrowings (3) Interest revenue (4) Revenue from taxes

**PART-C: ENGLISH**

**(Code: 5-EnglishMethodology) (Marks: 100)**

1. These words are always said in their strong form, in a sentence:

(1) articles (2) some conjunctions (3) adverbs (4) prepositions

2. Integration of reading and writing skills is involved in:

(1) reporting (2) reciting (3) note-taking (4) note-making

3. Toru Dutt, Sita is:

(1) Lyrical (2) Elegiac (3) Melancholic (4) Very humorous