

# Syllabus of TET, 2019

L4  
210  
210

## (B) Paper-II (For Classes VI-VIII) (As per NCTE framed Guidelines)

- |  |          |
|--|----------|
| 1. Child Development and Pedagogy                                    | 30 Marks |
| 2. Language-I  | 30 Marks |
| 3. Language-II   | 30 Marks |
| 4. Mathematics and Science<br>(For Mathematics and Science teacher ) | 60 Marks |
| <b>OR</b>  |          |
| 5. Social Studies (for Social Studies Teacher)                       | 60 Marks |

---

Total -150 Marks



Commissioner & Secretary  
to the Government of Assam  
Education (Elem. & Sec.) Dept.  
Dispur, Guwahati-6



(26)  
(24)

SYLLABUS FOR TET, 2019  
Child Development and Pedagogy : For Paper-II  
For Upper Primary Level--Classes (VI-VIII)  
Total Marks : 30

**Child development (For children of 12-14 years age group)--**

**Factors influencing Development--** Concept and stages of Development, Biological, Psychological and Environmental factors.

**Dimensions of Child Development** - Physical changes, Cognitive, Emotional, Social and Moral, Understanding changes during the stages of development .

**Individual differences** - Concept and areas of Individual Differences, Intra and Inter individual differences in various areas of Interest, Habits, Aptitudes, Intelligence, Creativity and their assessment.

**Personality-** Concept and types of Personality and factors influencing personality.

**Adjustment-**Concept of Mental Health and Hygiene.

**Adolescence-** Stages of Adolescence, problems of adolescence, adolescence education, Guidance and Counselling, Understanding developmental Hazards.

**Process of Learning--**

Meaning and Nature of Learning.

Factors affecting Learning.

Maturation and Readiness for learning.

Motivation and Learning.

Methods of Learning, Major Laws of Learning with their educational implications.

**Theories of Learning-**

- Connectionism( Stimulus—Response Theory)
- Conditioning -- Classical and operant.
- Constructivism

**Pedagogy-**

**Knowledge of children from Diverse Context** -- Socio-cultural background, Children with special needs inclusive education, Understanding Children with learning difficulties and Behavioural problems.

**Organising Teaching** -- Teaching as Planned activity, Phases of Teaching (pre-active, Interactive and Post active Phases), Different methods of teaching - Lecture method, project method, Demonstration method, Heuristic Method, Concept of TLM and its importance, Diagnostic and remedial teaching.

**Classroom Management--** Role of Teacher and the students, Leadership quality of teacher, time and task Management.

**Concept of child-centred teaching and competency based teaching.**

**Evaluation--**Continuous and Comprehensive Evaluation, Formative and summative evaluation.

-----xxxx-----

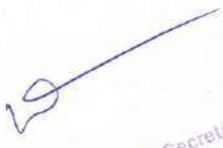
  
  
  
Commissioner & Secretary  
to the Government of Assam  
Education (Elem. & Sec.) Dept.  
Dispur, Guwahati-6

114 (238) 12

**SYLLABUS FOR TET 2019**  
**Language (Assamese) : For Paper**  
**For U.P. level (Classes VI-VIII)**

**Total Marks : 30**

- ১) (ক) অসমীয়া ভাষাৰ জন্ম আৰু ক্ৰমবিকাশ সম্পৰ্কে ধাৰণা।  
(খ) অসমীয়া ভাষাৰ উপভাষাবোৰৰ বিষয়ে সাধাৰণ পৰিচয়।
- ২) আধুনিক অসমীয়া সাহিত্যৰ প্ৰখ্যাত লেখক যেনে লক্ষ্মীনাথ বেজবৰুৱা, পদ্মনাথ গোহাঞিবৰুৱা, চন্দ্ৰ কুমাৰ আগৰৱালা, জ্যোতিপ্ৰসাদ আগৰৱালা, ভৱানন্দ দত্ত, বীৰেন্দ্ৰ কুমাৰ ভট্টাচাৰ্যৰ সাহিত্যকৃতিৰ সম্পৰ্কে পৰিচয়।
- ৩) অসমীয়া ভাষাৰ ব্যাকৰণৰ সম্যক পৰিচয়।
  - (ক) শব্দ বিভক্তি আৰু ক্ৰিয়া বিভক্তিৰ ব্যবহাৰিক জ্ঞান।
  - (খ) সন্ধি আৰু সমাসৰ পাৰ্থক্য আৰু বিভিন্ন সমাস সম্পৰ্কে ধাৰণা।
  - (গ) যতি চিন সমূহৰ প্ৰয়োগ সম্পৰ্কে সুস্পষ্ট ধাৰণা।
  - (ঘ) জটুৱা ঠাচ আৰু খণ্ডবাক্যৰ প্ৰায়োগিক ধাৰণা।
  - (ঙ) সমাৰ্থক আৰু বিপৰীতাৰ্থক শব্দৰ প্ৰায়োগিক জ্ঞান।
  - (চ) সুকীয়া বানান অথচ অসমীয়াৰ উচ্চাৰণৰ পাৰ্থক্য নথকা কিছুমান শব্দৰ প্ৰয়োগৰ পাৰ্থক্য জনা।
  - (ছ) প্ৰত্যক্ষ উক্তি আৰু পৰোক্ষ উক্তিৰ ধাৰণা।
  - (জ) অসমীয়া ভাষাত লিংগৰ ধাৰণা আৰু ব্যৱহাৰ জনা।
- ৪) (ক) মাতৃভাষা শিক্ষণ আৰু দ্বিতীয় ভাষা শিক্ষণৰ উদ্দেশ্যে আৰু পাৰ্থক্য সম্পৰ্কে জনা।  
(খ) শ্ৰৱণ, কথন, পঠন, লিখন এই চাৰিটা মৌলিক কৌশল প্ৰয়োগ কৰোঁতে শ্ৰেণীকোঠাত অঞ্চল ভেদে সন্মুখীন হ'বলগা সমস্যা সম্পৰ্কে বাস্তৱ উদাহৰণসহ ধাৰণা।



Commissioner & Secretary  
to the Government of Assam  
Education (Elem. & Sec.) Dept.  
Dispur, Guwahati-6







115  
~~115~~  
115

**SYLLABUS FOR TET 2019**  
**Language (Bengali) : For Paper II**  
**For U.P. level (Classes VI-VIII)**

**Total Marks : 30**

- ১। (ক) বাংলা ভাষার জন্ম ও ক্রমবিকাশ সম্পর্কে ধারণা।  
(খ) বাংলা ভাষার উপভাষাগুলোর বিষয়ে সাধারণ পরিচয়।
- ২। সাহিত্যের বিখ্যাত লেখক এবং তাঁদের সাহিত্য সংস্কৃতির সঙ্গে পরিচয়-  
রবীন্দ্রনাথ ঠাকুর, নজরুল ইসলাম, সুকুমার রায়, বঙ্কিমচন্দ্র চট্টোপাধ্যায়, ঈশ্বরচন্দ্র বিদ্যাসাগর,  
জ্যোতিপ্রসাদ আগরওয়াল।
- ৩। বাংলা ভাষার ব্যাকরণের সম্যক পরিচয়-  
(ক) শব্দ বিভক্তি ও ক্রিয়া বিভক্তির ব্যাবহারিক জ্ঞান  
(খ) সন্ধি ও সমাসের পার্থক্য ও বিভিন্ন সমাস সম্পর্কে ধারণা  
(গ) যতি-বিরাম চিহ্নগুলোর প্রয়োগ সম্পর্কে সুস্পষ্ট ধারণা  
(ঘ) বাগধারা ও বাক্যাংশের প্রায়োগিক ধারণা।  
(ঙ) সমার্থক ও বিপরীতার্থক শব্দের প্রায়োগিক জ্ঞান।  
(চ) সমোচ্চারিত ভিন্নার্থক শব্দের প্রায়োগ ও পার্থক্য জানা।  
(ছ) প্রত্যেক উক্তি ও পরোক্ষ উক্তি ধারণা।  
(জ) লিঙ্গের ধারণা ও ব্যবহার জানা।
- ৪। (ক) মাতৃভাষা শিক্ষণ ও দ্বিতীয় ভাষা শিক্ষণের উদ্দেশ্য ও পার্থক্য সম্পর্কে জানা।  
(খ) শ্রবন, কথন, পঠন, লিখন এই চারটি মৌলিক কৌশল প্রয়োগ করতে শ্রেণিকক্ষে  
অঞ্চলভেদে সন্মুখীন হতে হয় সেই সমস্যা সম্পর্কে বাস্তব উদাহরণ সহ ধারণা।

  
  
Commissioner & Secretary  
to the Government of Assam  
Education (Elem. & Sec.) Dept.  
Dispur, Guwahati-6

C17 (11) (15)

**SYLLABUS FOR TET 2019**  
**Language (Bodo) : For Paper II**  
**For U.P. level (Classes VI-VIII)**

**Total Marks : 30**

- A. (i) मोन्दां-गोहोनि आन्जाद (Comprehension Test)
- (1) फरायि रायथाइ
  - (2) फरायि खन्थाइ
- (ii) थुलाइगिरि- खन्थाइ, रायथाइ आरो फावखाइ ।
- (iii) थायजा, थायजानि बिदिन्था, वेकेवफा, बाथ्रा, बाथ्रानि बाहागो ।
- (iv) गारां हांखो आरो खौरां हांखो सानराइ, आथोन, माबरिजा दाजाबदा, सोदोब बेखेवफा ।
- B. राव फोरोँथाइ खान्थि (methodology)
- (i) राव बिगिया, दालाइ राव, मानगोनां राव ।
  - (ii) राव-आदबनि जौगानाय :  
खोनासंनाय, बुंनाय, फरायनाय, लिरनाय ।
  - (iii) बर'थ फोरोँगिरि आरो फोरोँथाइ खान्थि गाहाम फोरोँगिरिन गुन, राव फोरोँथाइ खान्थि, मेडाम मण्टेशवरी खान्थि, किन्दार गार्टेन खान्थि, डालटन खान्थि, इमिटेसन खान्थि, गाइडेन्स खान्थि ।
  - (iv) फराफारि :  
फरायफारि दानाय, फरायबिजाव नुग्रा आरो खोनासंग्रा आगजु ।
  - (v) सुमोनथाइ :  
ओँथि, गोनाँथि, खान्थि ।  
आन्जाद लानाय, सोँथि बिलाइ दानाय ।

Commissioner & Secretary  
to the Government of Assam  
Education (Elem. & Sec.) Dept.  
Dispur, Guwahati-6

16  
(228)  
14

**SYLLABUS FOR TET 2019**  
**Language (Hindi) : For Paper II**  
**For U.P. level (Classes VI-VIII)**  
**Total Marks : 30**

**A. Content**

(1) अवबोध (Comprehension Test)

- (i) अपठित गद्य (ii) अपठित पद्य
2. कवि, लेखक और रचना विधाएँ।
3. क्रिया- अकर्मक क्रियाएँ, द्विकर्मक क्रियाएँ और सकर्मक क्रियाएँ।
4. वाच्य, वाक्य (प्रयोग और भेद)।
5. लिंग, कारक, काल, विराम-चिह्न, संधि, समास, विलोम शब्द, पर्यायवाची शब्द समानार्थक शब्द, भिन्नार्थक शब्द और मानक वर्तनी।

**B. भाषा शिक्षण की विधियाँ (methodology)**

- (i) ध्वनिविज्ञान, वाक्यविज्ञान, शब्द भण्डार, त्रिभाषा सूत्र, हिन्दी शिक्षण की विधि और सिद्धान्त, शिक्षण के प्रमुख अंग।
- (ii) एकाधिक भाषाएँ सीखने की आवश्यकता, भाषा की आबशकता और गुरुत्व।
- (iii) भाषा और संस्कृति, राष्ट्रभाषा और राजभाषा।
- (iv) शिक्षण और योजना :  
आवश्यकता, उपयोगिता, इकाई योजना, पाठ्य योजना, परियोजना।
- (v) हिन्दी अध्यापक और शिक्षण की विधियाँ :  
अच्छे शिक्षक और अच्छी शिक्षण की विशेषताएँ, आवश्यकताएँ, भाषा-शिक्षण के सामान्य सिद्धान्त, प्रणालियाँ, पद्धतियाँ (प्रत्यक्ष, परोक्ष, खेल, मान्देसरी, निर्देशित स्वध्याय, डाल्टन, प्रश्नावली, आगमन, निगमन, क्रियात्मक, सूक्ष्म शिक्षण।)
- (vi) अध्यापन कौशलों की आवश्यकता।
- (vii) संचार माध्यम- परिभाषा, तत्व, प्रकार एवं विशेषताएँ और जनसंचार माध्यमों का विकास।
- (viii) मूल्यांकन :  
मूल्यांकन की धारणा, निरंतर सामग्रिक मूल्यांकन, उत्तम परीक्षा की विशेषताएँ, प्रश्न का निर्माण, उपलब्ध परीक्षा अभिलेख।

Commissioner & Secretary  
to the Government of Assam  
Education (Elem. & Sec.) Dept.  
Dispur, Guwahati-6



C18 (22/6) (H)

**SYLLABUS FOR TET 2019**  
**Language (Manipuri) : For Paper II**  
**For U.P. level (Classes VI-VIII)**

**Total Marks : 30**

- ১। (ক) মনিপুরী লোনগী হৌরকপা অমদি চাওখৎলকপা খেঙচৎ খঙবা।  
(খ) মনিপুরী লোনগী লোনথৈশিং খঙবা
- ২। মনিপুরী সাহিত্যকাৰ অমসুং মখোয়গী খুদোল খঙবা-  
চাউবা, কমল, হিজম অঙাংহল, মীনকেতন, হিজম গুনো, বিনোদনী, কুঞ্জমোহন,  
জ্যোতিপ্ৰসাদ আগৰৱালা।
- ৩। মনিপুরী লোনগী লোনমীৎকি শমলপ্লা ৰাফম খঙবা  
(ক) ৰাহৈ পংথৈ, হৌপংথৈ শিজিন্নবা খঙবা  
(খ) সন্ধি অমসুং সমাসগী খেলবা খঙবা, সমাসগী মখল, শিজিন্নবা খঙবা  
(গ) পল্লেপফম খুদম শিজিন্নবা গুন্স।  
(ঘ) ৰাতা অমদি ৰাহৈপৰেং মতুপ শিজিন্নবা গুন্স।  
(ঙ) ওলা তৈনবা ৰাহৈ, ময়েক মান্নবা ৰাহৈ-ৰারোলদি মান্নদবা - (পে, পে, লৈ, লৈ-  
খোনথোকী শাফু তুংইন্না) ৰাহৈ শিজিন্নবা গুন্স।  
(চ) ৰাওং-ওনথোক ওনশিন তৌবা গুন্স।  
(ছ) মৈতৈলোনদা বিশেষনদা পীশক পাশকী তুংইন্না শিজিন্নবা।
- ৪। (ক) ইমারোন তম্বা-তম্বীৰগী অমসুং অনীশুবা লোন তম্বা-তম্বীৰগী মীংয়েং  
অমসুং পান্দম অমদি খেলবা খঙগনি।  
(খ) তাবা, গাংবা, পাবা, ইবা - লোন তম্ব-তম্বীৰগী মৰু ওইবা লৌরোন মৰিসে  
শিজিন্নবদ তম্ব-কাদা লমদম খেলবা তুংইন্না খেংনবা চয়েংনবা খঙগনি।


Commissioner & Secretary  
to the Government of Assam  
Education (Elem. & Sec.) Dept.  
Dispur, Guwahati-6

1

**SYLLABUS FOR TET 2019**  
**Language (Nepali) : For Paper II**  
**For U.P. level (Classes VI-VIII)**

**Total Marks : 30**

- १) (क) नेपाली भाषाको उत्पत्ति र क्रमविकासबारे ज्ञान ।  
 (ख) नेपाली भाषाका उपभाषाहरूको परिचय ।
- २) आधुनिक नेपाली साहित्यका विशिष्ट लेखकहरू जानै महाकवि लक्ष्मीप्रसाद देवकोटा, हरिभक्त कटुवाल, लीलबाहादुर क्षेत्री, गोपीनारायण प्रधान, विक्रमबीर राय, नवसापकोटा साहित्य कृतिको परिचय ।
- ३) नेपाली व्याकरणको सम्यक ज्ञान ।  
 (क) शब्द बिभक्ति र क्रिया बिभक्तिको साधारण ज्ञान ।  
 (ख) सन्धि र समासको भिन्नता अनि विभिन्न समासबारे धारणा ।  
 (ग) यति वा विराम चिन्हबारे ज्ञान ।  
 (घ) तुक्का र उखानको व्यवहारिक ज्ञान ।  
 (ङ) समार्थक र विपरीतार्थक शब्दको व्यवहारिक ज्ञान ।  
 (च) प्रत्यक्ष उक्ति र परोक्ष उक्तिको धारणा ।  
 (छ) हिज्जेको ज्ञान । उच्चारण हिज्जेमा फरक पर्ने शब्दहरूको ज्ञान ।  
 (ज) लिंगको व्यवहार जान्ने ।
- ४) (क) मातृभाषा शिक्षण र द्वितीय भाषा शिक्षणको उद्देश्य र भिन्नता जान्ने ।  
 (ख) श्रवण, कथन, पठन, लेखन यी चारौटा मौलिक कौशलको प्रयोग गर्दा श्रेणीकोठामा सम्मुखिन हुनु पर्ने समस्याका बारेमा उदाहरणसहित ज्ञान ।

  
 Commissioner & Secretary  
 to the Government of Assam  
 Education (Elem. & Sec.) Dept.  
 Dispur, Guwahati-6







(21) (22) (19)

**SYLLABUS FOR TET 2019**

**Language (Hmar) : For Paper II  
For U.P. level (Classes VI-VIII)**

**Total Marks : 30**

**A. Content**

1. Lekhaziek Hlui le Thu le Hla Hlui : Phouktu, ziektu, thuziek le lemchan
  - i) Pastor Thangngur Hlaphuokhai
  - ii) Dar Lam Hla thenkhat
  - iii) Pi le Puhai Hla thenkhat
  - iv) Inthawina le Pathien Biekna hlahai

**B.**

- 2) Tulaia thuziekhai : Zlektu, phuvhlu, a thuhai
  - i) Kristien Missionary-hai hmalakna le an thuziekhai

C. ii) Tulaia Hlahai : L.Keivom, T.Khuma, H.Thiek

D. iii) Hmar Thusimhai : Tienami le tulaia thuziek

E. iv) Lemehan : Hriet ang ang

F. 3) Grammar

Noun, Pronoun, Adjective le Verb

G. 4) Thuziek (Essay)

Lekha tieng, Hrietnavar tieng, Ram harsatna thu tieng.

H. 5) Tawng inchuk dan (methodology) (Marks-6)

Grammar le inzawm, thutluon indik hmang le ziek dan

Grammar inchukna bul

Commissioner & Secretary  
to the Government of Assam  
Education (Elem. & Sec.) Dept.  
Dispur, Guwahati-6

19  
6225  
X

**SYLLABUS FOR TET 2019**  
**Language (Garo) : For Paper II**  
**For U.P. level (Classes VI-VIII)**

**Total Marks : 30**

**A. Content**

- I. Gitcham sea jotanirang: Poetry segipa, Golpo segipa aro uamangni sea jotanirang aro daka rikanirang.
- (i) Sankardev aro Baisnab torom, skigipa aro ja-rikgipani nangrimani golpo.
  - (ii) Madhobdev-ni Jhumur aro dakmesokani golponi gisepo dingtangrikani.
  - (iii) Gitcham aganbewalo seanirang (Bhatta Dev)
  - (iv) Chi:sni aro chi:chet bilsirango sea jotanirang.
- B. 2. Gital sea jotanirang: Poetry segipa, Golpo segipa aro uamangni sea jotanirang aro daka rikanirang.
- (ii) Arundai, Christian misssionary-ni on-gilani (dictionary, grammar and Novel) Anandoram Dhekial Phookan, Humchandra Baruah, Satya Nath Bora.
- C. ii) Gital Poetry, Hem Baruah, Naba Kanta Baruah, Ajit Baruah, Nilmoni Phookan.
- D. **Kan-dikgipa Assamese golpo:** Saurab Soliah Abdul Malik, Mohim Bora.
- E. **Drama :** Atul Chandra Hajarika, Joyti Prasad Agarwala, Arun Sarma.
- F. 3) **Grammar :**  
Gender, Tense, Verb, Definite word, number, Idioms, Direct or Indirect Speech.
- G. **Essay :**  
Sea jotani, Science, A-songni neng-nikanirang.


  
  
Commissioner & Secretary  
to the Government of Assam  
Education (Elem. & Sec.) Dept.  
Dispur, Guwahati-6  


20 (23)  
18

SYLLABUS FOR TET 2019  
Language (Karbi) : For Paper- II  
For U.P.Level (Classes VI-VIII)  
Total Marks : 30

1. Karbi alam kecheng angdeng akitap kamunthi.
2. Karbi Lammet po atum akai alam aphuthak  
Sonsi :- Bonglong Terang, Longkam Teron, Rongbong Terang atum heihui.
3. Lam Tasam
4. Hirjir aphuthak ardi kepi.
5. Tomo timi aphuthak ardi kepi.
6. Epi alam kethan kemang lapen ke-ang, alamathe kamunthi.
7. Epi alam kethan son phli abidi-karjulong, kaningje, ketok lapen kacharli, laso  
aputhak kachinilor nangji.
8. Osopadok alun lapen padok behai alun ardi pinangji.

\*\*\*\*\*

  
Commissioner & Secretary  
to the Government of Assam  
Education (Elem. & Sec.) Dept.  
Dispur, Guwahati-6







124  
92

SYLLABUS FOR TET,2019  
Language II (English) : For Paper II  
For Upper Primary Level--Classes (VI-VIII)  
Total Marks: 30

**Pedagogy of Language Teaching**

1. Learning and acquisition
2. Principles of language teaching, functions of language.
3. Development of four skills : Listening, speaking, reading and writing
4. Continuous and comprehensive assessment, Assessing the four skills :Listening, speaking, reading and writing.
5. Language difficulties, attitude towards errors and mistakes of second language learning
6. Teaching Learning Materials,
7. Teaching of vocabulary and structure


**Methods**


1. Methods, approaches, techniques and strategies of teaching English


**Grammar**

1. Correct form of verb/tense
2. Parts of speech( use as noun, adjective, adverbs)
3. Phrase and clause/phrasal verb/use of phrase and idioms
4. Determiners
5. Voice-Active and passive voice
6. Narration
7. Transitive and intransitive verb
8. Prefix, suffix , Vocabulary-Synonyms, antonyms and homonyms
9. Sentence types/simple, compound, complex sentence/ `question pattern/tag questions

-----XXXXXXXX-----

  
Commissioner & Secretary  
to the Government of Assam  
Education (Elem. & Sec.) Dept.  
Dispur, Guwahati-6





ZXX

29  
29

SYLLABUS FOR TET 2019  
Mathematics : For Paper-II  
For Upper Primary Level -- Classes (VI--VIII)  
Total Marks : 30

**Number System –**

Natural numbers, Test of divisibility, Whole numbers, Negative numbers and Integers, Rational numbers, Irrational numbers, Fractions, Decimal fractions, LCM and HCF of rational numbers, Comparisons and operations of rational numbers, properties of numbers, Square, Square roots, cube, cube roots, powers and exponents, Laws of Exponents.

**Socially applicable Mathematics-**

Ratio and Proportion, Simple and Compound Interest, use of unitary method, Discount, Profit and Loss.

**Algebra-**

Preliminary concept of Algebra, Algebraic expressions and their types, Operations on algebraic expressions, Factorization on algebraic expressions, Linear equations in one variable, Linear equations in two variables, Linear inequalities, Algebraic solutions of linear inequalities of one variable, Algebraic method of solutions of pair of Linear Equations.

**Geometry and Mensuration-**

Lines and angles, Pairs of angles, Properties of Triangles, Quadrilaterals and polygons, congruency of triangles, Area of triangle, Pythagoras Theorem, Perimeter and Area of different geometrical figures, Idea of Pie, Surface area and volume of Cube, Cuboid, Cone, Cylinder and Sphere, Surface area and volume of Combination of solids.

**Introduction to Graphs and Data Handling-**

Axes, Cartesian plane, co-ordinate of points, plotting of points in different situations, distance between two points, reading and drawing of linear graphs, Collection and organization of data, classification of data, class interval, frequency of a class, frequency distribution table, introduction of graphs, Bar and Pie graphs, reading Bar graphs, interpretation of data from graphs, Measures of Central Tendency.


**Intergration of ICT in teaching Mathematics-**

Importance of ICT in teaching Mathematics.

Use of ICT in teaching Mathematics

-----XXXXX-----



  
Commissioner & Secretary  
to the Government of Assam  
Education (Elem. & Sec.) Dept.  
Dispur, Guwahati-6





130  
(217/20)

SYLLABUS FOR TET, 2019  
SCIENCE : For Paper-II  
[Physics, Chemistry and Biology]  
For Upper Primary Level—Classes (VI-VIII)  
Total Marks : 30

**PHYSICS--**

**Kinematics :-**

**Motion in a straight line** : Distance and displacement, speed and velocity, uniform and non-uniform motion, average and instantaneous speed and velocity, uniform acceleration, graphical representation of motion, periodic motion, pendulum, Oscillatory motion.

**Laws of Motion** : Newton's first law of motion, qualitative concept of force, inertia of rest and inertia of motion and their examples, Newton's second law of motion, Quantitative concept of force, Newton's third law of motion and examples, Law of conservation of linear momentum.

**Heat and Temperature** : Differences between heat and temperature, measurement, transfer of heat.

**Light** : Rectilinear propagation of light, shadows, eclipses, transparent, opaque and translucent objects, Reflection of light, plane and spherical mirrors, laws of reflection, Refraction of light, refractive index, total internal refraction, refraction in lenses, laws of refraction, Image formed by spherical Mirrors and lenses, Defects of vision, Power of lenses.

**Sound** : Oscillations and waves, kind of waves, Sound waves, sources of sound, propagation of sound through solids, liquids and gases, Speed of sound in different medium, ultrasound.

**Electricity** : Electric charge and Coulomb's law, Electric cell, Conductors, Insulators, Electric field, Electric intensity and electric potential and potential difference, Electric current, Primary cell, Ohm's law, AC and DC, series and parallel combination of Resistances, Heating effects of electric current, magnetic effects of electric current.

**Chemistry-**

**Metals and Non-Metals** : Physical properties of Metals and Non-Metals, Chemical properties of Metals and Non-Metals, Reaction with Water and Acids, Use of Metals and Non-Metals.

**Physical and Chemical Change** : Differences between chemical and physical change, Rusting of Iron, Galvanisation, Crystallisation.

Commissioner & Secretary  
to the Government of Assam  
Education (Elem. & Sec.) Deptt.  
Dispur, Guwahati-6



(31) (29)

**Acids, Bases and Salts** : Acids and Bases, Indicators, Reaction of Acids and Bases with Metals, Reaction of Acids and Bases with each other, Strong or Weak solutions of Acid and Base, idea of pH, Importance of pH in everyday life, Chemicals from common salts.

**Fibre and Fabric** : Natural and Synthetic Fibre, Making of Fabric, Plastics,

**Chemical Effects of Electric Current** : Electrolysis and electroplating.

**Pollution** : Air pollution and water pollution.

**BIOLOGY—**

**Living World :-**

**Cells :-** Concept of cell, cell types, structure of cells and functions of cell organelles, difference between plant and animal cells, cell division.

**Transportation in Animals and Plants** : Circulatory system, Excretory system in human, Blood vessels, Human heart, Transportation of substances and water in plants, Transpiration.

**Respiration in organisms** : Cellular respiration, anaerobic respiration

**Plant World :-**

**Reproduction in plants**--Mode of production, vegetative propagation, Fragmentation, sexual Reproduction, Fertilisation, Seed Dispersal.

**Nutrition in plants**—Nutrients, Mode of multiplication in plants, Photosynthesis, Saprotrophs.

**Crop production and Management**—Kharif and Rabi crops, Fertiliser and Manure, weeds and protection from weeds, different types of soil and crop production.

**Animal World :-**

**Microorganism**--Virus, Bacteria, Fungi, Protozoa, Algae, Common ailments like cold, influenza, Disease like polio and chicken pox, dysentery and malaria, Beneficial microbes.

**Animal nutrition**- The major nutrients in human's food and its sources, functions of nutrients, Diseases occurring for deficiency of different nutrients.


**Reproduction in Animals**--Different modes of animal reproduction, Reproductive organs in animals, Development of Embryo and related processes, Asexual reproduction in animals.

**Intergration of ICT in teaching Science-**

Importance of ICT in teaching Science.

Use of ICT in teaching Science

-----XXXXX-----

  
Commissioner & Secretary  
to the Government of Assam  
Education (Elem. & Sec.) Dept.  
Dispur, Guwahati-6



15

32 (216) (130)

**SYLLABUS FOR TET, 2019**  
**Social Science : For Paper II**  
**For Upper Primary Level-- Classes (VI-VIII )**  
**Total Marks : 60**

**GEOGRAPHY-**

**Our Earth :** Size, shape, motion of the earth and their effects, interior of the earth, earth crust, earthquake (with special reference to Assam), latitude and longitude.

**Solar system :** Stars, planets and satellites.

**Major domains of the Earth :** Lithosphere, Continents, Oceans, Hydrosphere, Atmosphere and Biosphere.

**Major Landforms of the Earth :** Mountains, Plateau, Plains .

**About Assam :** Geographic location, climate, natural vegetation, conservation of wildlife, biodiversity, major industries, major rivers and their tributaries.

**About India :** Location, Climate, Physical divisions, Population growth and distribution.

**HISTORY-**

**Pre-history :** Evolution of Human Civilization from Hunting to Agriculture.

**Ancient urban civilizations :** Features of Indus valley civilization-Town planning, religious beliefs, occupation, trade and commerce, art and culture, Harappan culture and contemporary world civilization.

**Vedic Age :** Settlement of the Aryans, religious practices, livelihood, social system, Composition of Vedas.

**History of Assam :**

**Pre-history of Assam-**Geographical location of ancient Kamrupa, Socio-Economic Condition of Ancient Kamrupa, Barman, Sakstambha and Pal dynasties.

**Medieval Assam :** The Ahom, Chutia and Koch Kingdom, the Baro Bhuyans and the Kacharis.

**Emergence of new religious ideas :** Jainism and Buddhism.

**Major political dynasties of India and their contribution -** (i) Ancient period – Mauryans and Guptas, (ii) Medieval period - Turko-Afghans and Mughals.

**Rise and growth of the British power in India :** The Regulating Act, The Pitt's India Act, Doctrine of Lapse, Sepoy Mutiny, growth of India nationalisms, social reform movements, Non-cooperation movement, Civil disobedience movement and Quit India Movement, Role of Assam in freedom movement of India from 1857 to 1947.

**Reforms during the rule of East India Company :** Administrative Reforms, Revenue Collection, Educational Reforms, Brahma Samaj, Prarthana Samaj, Ramkrishna Mission, Arya Samaj,

**ECONOMICS-**

**Basic concepts of Economics :** Production, utility, income, wealth, money, price.

**Market :** Concept of Market, Difference between whole Sale market and retail market .

**Money and Banking :** Concept of money, types and functions of bank, other funding agencies .

**Resources :**

**Natural Resources :** Natural Resources of India with special reference to Assam, Role of natural resources in economic development.

**Human Resources :** Human Resource development, its indicators, Problems of Human resource development and role of the Govt., Measures taken by the Govt. in Education, Health and Employment sector, Role of human resources in economic development of India.

**Planning and Budget :** Planning, Budget and national income, Economic planning, Five Year Planning.

  
  
Commissioner & Secretary  
to the Government of Assam  
Education (Elem. & Sec.)  
Dispu. Guwahati



**Financial Institutions** : Role of financial institution in Economic development, types and functions of banks and other financial institution for socio economic development of people, functions of NEDFi and NEC, schemes of Self-Help-Groups.

National Income : Gross National Product (GNP), Net National product (NNP), Gross Domestic Product (GDP), Net Domestic Product (NDP), Nominal and Real Income, per Capita income and standard of living.

### POLITICAL SCIENCE-

**The Government** : Concept of Government, various types of Government, State and Central Government, Local-Self Government.

**Democracy** : Democracy and its principles, Election process, role of opposition parties and democracy.

**The Constitution** : Basic concept of constitution, Types of constitution, Characteristics of Indian constitution, its Preamble and principles, Fundamental rights and duties of citizen.

### Intergration of ICT in teaching Social Science-

Importance of ICT in teaching Social Science.

Use of ICT in teaching Social Science

-----XXXX-----

  
  
Commissioner & Secretary  
to the Government of Assam  
Education (Elem. & Sec.) Dept.  
Dispur, Guwahati-6