GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) –NALGONDA

First Year (I-Semester) Internal Assessment-I, Nov- 2023
ENGLISH
(ENGLISH-SECOND LANGUAGE)

Time: 45 min   **Max. Marks-20**

Answer all the following questions

1. *Read the following passage and answer the questions given below.*   **5X1=5**

   Sri Chaya Someshwara Swamy temple, also known as Thrikutalayam, is a Hindu temple located at Panagal in Nalgonda District, Telangana. This was built during the rule of the Kakathiya dynasty in the 12th century by the great king, Rudra Deva alias Pratapa Rudra-1.   There is a great historical mystery about the shadow that appears in this temple. People believe that the shadow of a pillar falls on the main deity, the Shivalingam throughout the day. But this mystery was later unfolded and it was revealed that the so-called chaya (shadow) is not cast by the pillar but it appears as if light does not fall here. This is scientifically explained through the concept of light diffraction. Devotees are seen in more numbers during the festival of Shivaratri This temple is well known for Kakathiyas' rich sculpture and hence denotes Telangana's pride.

   a. What is the other name of the Chaya Someshwara Swamy temple?
   b. Why this temple is named so?
   c. When was this temple constructed?
   d. What is the historical miracle associated with this temple?
   e. Use the word 'fall' as a noun in a sentence of your own.

2. *Write down four words for each sound given below*   **4X1=4**

   a. /ð/
   b. /θ/
   c. /tʃ/
   d. /dʒ/

3. *Fill in the blanks with suitable nouns given below.*   **4X1=4**

   (bunch, truth, team, Ooty, Vamshi, crown, bag, dogs, letters, bird)

   a. There is only one ………in the nest.
   b. ……….is planning to go to a movie.
   c. Harshitha always believes in ………
   d. ……… are replaced by e-mails.

4. *Identify the root words in the following.*   **4X1=4**

   a. Geography
   b. Hydrophobia
   c. Omnipotent
   d. Dermatology

5. *Use capital letters wherever required in the following sentence.*   **1X1=1**

   on thursday, i will attend english class at gdc w nalgonda.

6. *Identify the rightly spelt word*   **2X1=2**

   a. relieve, releive, reliev, releave.
   b. grammer, gramar, gramer, grammar,

GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) –NALGONDA
First year (I-Semester) Internal Assessment-I, Nov- 2023
TELUGU
(TELUGU-1-SECOND LANGUAGE)

Time: 45 min   **Max. Marks-20**

ఈ క్రింది అన్ని ప్రశ్నలకు సమాధానాలు రాయండి.   **10x2=20m**

1. శకుంతల పలుకుల గురించి తెలపండి.

2 నన్నయ కవితా లక్షణాల పేర్కొనండి.

3. నన్నయ ఏ శతాబ్దానికి చెందిన వాడు? ఇతడు ఎవరి ఆస్థాన కవి?

4 గురజాడ రచనలు తెలపండి.

5. సంపదలు ఎన్ని రకములు అవి ఏవి? వాటి గురించి తెలపండి.

6. నన్నయ రచనలు తెలపండి.

7. శకుంతల కన్న తల్లిదండ్రులు ఎవరు?

8. గురజాడ దృష్టిలో కాసులు అంటే ఏమిటి?

9. దుష్యంతుడు శకుంతలకు ఇచ్చిన మాట ఏమిటి?

10. తెలుగు సాహిత్యలో తొలి కథానిక ఏది? ఎవరు రచించారు?

Instructions to the students
1. A student who does not meet the required attendance (Minimum of 75%) shall not be permitted to take internal assessment as well as the End semester examinations.
2. For optionals & Languages Internal Assessment (30 Marks) consists of two components.
   a. Written Component with 20 marks
   b. Skill based component with 10 marks

   Written component (20 marks) should be conducted two times per paper per semester without any retest. Average of two tests to be taken.

   In Skill based component student can select any one of the following per paper per semester. 1.Online Quiz 2.Poster presentation.3.Group discussion 4. Assignment 5.Seminar. This component should be conducted one time per paper per semester without any retest.
3. For AECC (Environmental Science) only one internal with **10 marks** will be conducted at the time of 2nd internal without any retest.
4. The Internal Assessment test shall be conducted as per the schedule prescribed by the college. **In case a candidate fails to appear for the test for whatever reason, no re exam shall be conducted.**
5. All students are instructed to pay the Admission fee through college website or OCTOPOD website or by scanning the QR code－－－－－－

Time: 45 min   Max. Marks-20

Answer all the following questions   10x2=20m

1.चरित्र संगठन पाठ के लेखक कौन हैं ? उनका जन्म कब और कहां हुआ ?

2.विद्या का भूषण क्या है ? बिना विनय के क्या शोभा नहीं देती ?

3.बाजार दर्शन पाठ के लेखक कौन हैं ? उनके बचपन का नाम क्या था ?

4.जैनेंद्रकुमारकाजन्मकबऔरकहांहुआ ?

5. सद्गति कहानी के लेखक कौन है ? इस कहानी में किसकी पीड़ा को दर्शाया गया है?

6. चरित्र संगठन के लिए लेखक ने किन-किन गुणों को आवश्यक माना है ?

7. बाजार का जादू किस पर नहीं चलता था और क्यों ?

8. जैनेंद्र कुमार की किन्हीं दो रचनाओं के नाम लिखिए?

9. भाभी क्या है ? इस पाठ की लेखिका कौन हैं ?

10. बाबू गुलाब राय ने किस पत्रिका का संपादन किया ? उन्होंने किस कॉलेज में अध्यापन का कार्य किय

Instructions to the students

1. A student who does not meet the required attendance (Minimum of 75%) shall not be permitted to take internal assessment as well as the End semester examinations.

2. For optionals & Languages Internal Assessment (30 Marks) consists of two components.
   a. Written Component with 20 marks
   b. Skill based component with 10 marks

   Written component (20 marks) should be conducted two times per paper per semester without any retest. Average of two tests to be taken.

   In Skill based component student can select any one of the following per paper per semester. 1.Online Quiz 2.Poster presentation.3.Group discussion 4. Assignment 5.Seminar. This component should be conducted one time per paper per semester without any retest.

3. For AECC (Environmental Science) only one internal with **10 marks** will be conducted at the time of 2nd internal without any retest.

4. The Internal Assessment test shall be conducted as per the schedule prescribed by the college. **In case a candidate fails to appear for the test for whatever reason, no re exam shall be conducted.**

5. All students are instructed to pay the Admission fee through college website or OCTOPOD website or by scanning the QR code ------⌐

GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) –NALGONDA
First Year (I-Semester) Internal Assessment-I, Nov- 2023
URDU-I
(SECOND LANGUAGE)

Time: 45 min   Max. Marks-20

ا۔ درجہ ذیل تمام سوالوں کے مختصر جواب لکھئے۔   10x2=20

1۔ مطلع کسے کہتے ہیں؟ مختصر تعریف کیجئے

2۔ اکبر الہ آبادی کس کے شاگرد تھے؟

3۔ محمد قلی قطب شاہ نے اپنی غزل میں کس کو فانی کہا ہے؟

4 ۔ ولی کا انتقال کس سنہ میں ہوا؟

5۔ قلی قطب شاہ کب اور کہاں پیدا ہوا؟

6۔ ولی نے اپنی غزل میں کس حسن پر اعتبار نہ کرنے کے لیے کہا ہے؟

7۔ اکبر الہ آبادی نے کون سا امتحان کامیاب کیا؟

8۔ دکن کا وہ کونسا شاعر ہے جس نے اردو شاعری کو دلی میں روشناس کیا؟

9۔ نظم توحید میں ہر آن میں ہر بات میں ہر ڈھنگ میں کس کو پہچاننے کے لیے کہا گیا ہے؟

10۔ مظہر علی خاں ولا نے کس کالج میں ترجمہ کی خدمات انجام دی؟

Instructions to the students

1. A student who does not meet the required attendance (Minimum of 75%) shall not be permitted to take internal assessment as well as the End semester examinations.
2. For optionals & Languages Internal Assessment (30 Marks) consists of two components.
   a. Written Component with 20 marks
   b. Skill based component with 10 marks

   Written component (20 marks) should be conducted two times per paper per semester without any retest. Average of two tests to be taken.

   In Skill based component student can select any one of the following per paper per semester. 1.Online Quiz 2.Poster presentation.3.Group discussion 4. Assignment 5.Seminar. This component should be conducted one time per paper per semester without any retest.
3. For AECC (Environmental Science) only one internal with **10 marks** will be conducted at the time of 2nd internal without any retest.
4. The Internal Assessment test shall be conducted as per the schedule prescribed by the college. **In case a candidate fails to appear for the test for whatever reason, no re exam shall be conducted.**
5. All students are instructed to pay the Admission fee through college website or OCTOPOD website or by scanning the QR code ------>

GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) –NALGONDA
First Year (I-Semester) Internal Assessment-I, Nov- 2023
MATHEMATICS
(Differential and Integral Calculus)

Time: 45 min   **Max. Marks-20**

1. If $z = \log(x^2 + y^2)$ then find $\frac{\partial z}{\partial x}, \frac{\partial z}{\partial y}$

2. Define homogeneous function of x, y of degree n and write your own example.

3. $z = f(x, y)$ possess continuous first order partial derivatives w.r.t x, y. Let $x = \phi(u, v)$, $y = \psi(u, v)$ then write down formulas of $\frac{\partial z}{\partial u}, \frac{\partial z}{\partial v}$.

4. If $z = \tan^{-1}\left(\frac{y}{x}\right)$ then $dz =$?

5. Expand the function $f(x, y) = x^2 + xy - y^2$ by Taylor's theorem in powers of $(x - 1)$, $(y + 2)$ upto first degree terms only.

6. Find the domain of $f(x, y) = \log(x + y)$.

7. y is the implicit function of x given by the relation $f(x, y) = 0$ then write formulas of $\frac{dy}{dx}, \frac{d^2y}{dx^2}$

8. Use Euler's theorem to find $x\frac{\partial z}{\partial x} + y\frac{\partial z}{\partial y}$ when $z = x^3 \log\left(\frac{y}{x}\right)$

9. If $f(x, y) = x^3 + y^3 - 2x^2y^2$ then find f_{xx}

10. Write the necessary conditions for a function $f(x, y)$ to have maximum or minimum value at a point (a, b).

Instructions to the students

1. A student who does not meet the required attendance (Minimum of 75%) shall not be permitted to take internal assessment as well as the End semester examinations.

2. For optionals & Languages Internal Assessment (30 Marks) consists of two components.
   a. Written Component with 20 marks
   b. Skill based component with 10 marks

   Written component (20 marks) should be conducted two times per paper per semester without any retest. Average of two tests to be taken.

   In Skill based component student can select any one of the following per paper per semester. 1.Online Quiz 2.Poster presentation.3.Group discussion 4. Assignment 5.Seminar. This component should be conducted one time per paper per semester without any retest.

3. For AECC (Environmental Science) only one internal with **10 marks** will be conducted at the time of 2nd internal without any retest.

4. The Internal Assessment test shall be conducted as per the schedule prescribed by the college. **In case a candidate fails to appear for the test for whatever reason, no re exam shall be conducted.**

5. All students are instructed to pay the Admission fee through college website or OCTOPOD website or by scanning the QR code $- - - - - \rceil$

GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) –NALGONDA

First Year (I Semester) Internal Assessment-I, Nov- 2023
PHYSICS
(Mechanics & Oscillations)

Time: 45 min   Max. Marks-20

Answer all the following questions   10x2=20m

1. Define scalar triple product.

2. Define curl of a vector field (A) and write the expression for Curl A.

3. State Gauss' divergence theorem.

4. Define surface integral.

5. Define rigid body. Write the equation of motion for a rotating body.

6. Write kinematic relations in rotational motion.

7. Define the terms a) Frequency b) Amplitude.

8. Define Simple harmonic motion and write the equation of motion of SHO.

9. State the principle of superposition of waves.

10. Discuss the Lissajous figures **of** combination of two mutually perpendicular simple harmonic vibrations of same frequency.

Instructions to the students

1. A student who does not meet the required attendance (Minimum of 75%) shall not be permitted to take internal assessment as well as the End semester examinations.

2. For optionals & Languages Internal Assessment (30 Marks) consists of two components.
   a. Written Component with 20 marks
   b. Skill based component with 10 marks

   Written component (20 marks) should be conducted two times per paper per semester without any retest. Average of two tests to be taken.

   In Skill based component student can select any one of the following per paper per semester. 1.Online Quiz 2.Poster presentation.3.Group discussion 4. Assignment 5.Seminar. This component should be conducted one time per paper per semester without any retest.

3. For AECC (Environmental Science) only one internal with **10 marks** will be conducted at the time of 2nd internal without any retest.

4. The Internal Assessment test shall be conducted as per the schedule prescribed by the college. **In case a candidate fails to appear for the test for whatever reason, no re exam shall be conducted.**

5. All students are instructed to pay the Admission fee through college website or OCTOPOD website or by scanning the QR code – – – – – →

GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) –NALGONDA

First Year (I-Semester) Internal Assessment-I, Nov- 2023
MICROBIOLOGY
(General Microbiology)

Time: 45 min   Max. Marks-20

Answer all the following questions   **10x2=20m**

1. Pasteurization

2. Biogenesis

3. Negative staining

4. Cell membrane in bacteria

5. Differential staining

6. Endospore staining

7. Magnification

8. Resolution in Microscope.

9. Electron gun

10. Ultra microtome

Instructions to the students

1. A student who does not meet the required attendance (Minimum of 75%) shall not be permitted to take internal assessment as well as the End semester examinations.
2. For optionals & Languages Internal Assessment (30 Marks) consists of two components.
   a. Written Component with 20 marks
   b. Skill based component with 10 marks

   Written component (20 marks) should be conducted two times per paper per semester without any retest. Average of two tests to be taken.

   In Skill based component student can select any one of the following per paper per semester. 1.Online Quiz 2.Poster presentation.3.Group discussion 4. Assignment 5.Seminar. This component should be conducted one time per paper per semester without any retest.
3. For AECC (Environmental Science) only one internal with **10 marks** will be conducted at the time of 2nd internal without any retest.
4. The Internal Assessment test shall be conducted as per the schedule prescribed by the college. **In case a candidate fails to appear for the test for whatever reason, no re exam shall be conducted.**
5. All students are instructed to pay the Admission fee through college website or OCTOPOD website or by scanning the QR code – – – – – –

GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) –NALGONDA

First Year (I-Semester) Internal Assessment-I, Nov- 2023
ZOOLOGY
(Animal Diversity-Invertebrates)

Time: 45 min   Max. Marks-20

Answer all the following questions   10x2=20m

1. Malaria disease   మలేరియా వ్యాధి

2. Reproduction in protozoa ప్రోటోజోవా జీవులలో ప్రత్యుత్పత్తి వ్యవస్థ.

3. Spicules in sponges   స్పంజికలలో కంటకాలు

4. Polymorphism   బహురూపకత

5. Define coral& coral reefs   ప్రవాళాలు & ప్రవాల అవరోధాలు నిర్వచించండి?

6. Parasitic adaptations in helminthes   హెల్మింథిస్ జీవులలో పరాన్న జీవ అనుకూలనాలు

7. Draw and labeled the life cycle of Schistosoma haematobium?

   సిస్టోసోమా హిమటోబియం జీవితచక్రం పటం గీచి భాగాలను గుర్తించండి ?

8. Clinical features of Schistosomiasis స్కిస్టోసోమియాసిస్ వ్యాధి లక్షణాలు

9. Miracidium larva   మిరాసిడియం లార్వా

10. Microsperic form & Megalosperic forms   మైక్రోస్పెరిక్ రూపం & మెగాలోస్పెరిక్ రూపం

Instructions to the students

1. A student who does not meet the required attendance (Minimum of 75%) shall not be permitted to take internal assessment as well as the End semester examinations.

2. For optionals & Languages Internal Assessment (30 Marks) consists of two components.
   a. Written Component with 20 marks
   b. Skill based component with 10 marks

   Written component (20 marks) should be conducted two times per paper per semester without any retest. Average of two tests to be taken.

   In Skill based component student can select any one of the following per paper per semester. 1.Online Quiz 2.Poster presentation.3.Group discussion 4. Assignment 5.Seminar. This component should be conducted one time per paper per semester without any retest.

3. For AECC (Environmental Science) only one internal with **10 marks** will be conducted at the time of 2nd internal without any retest.

4. The Internal Assessment test shall be conducted as per the schedule prescribed by the college. **In case a candidate fails to appear for the test for whatever reason, no re exam shall be conducted.**

5. All students are instructed to pay the Admission fee through college website or OCTOPOD website or by scanning the QR code _____

GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) –NALGONDA
First Year (I-Semester) Internal Assessment-I, Nov- 2023
BOTANY -I
(Microbial Diversity & Lower plants)

Time: 45 min   **Max. Marks-20**

Answer all the following questions   **10x2=20m**

1. Heterotrophic Bacteria (పరపోషిత బ్యాక్టీరియా)

2. Papaya leaf curl Disease (బొప్పాయి ఆకు వక్రత తెగులు)

3. TMV

4. Rice tungro disease (వరి టుంగ్రో తెగులు)

5. Heterocyst (హెటిరోసిస్ట్)

6. Albugo asexual reproduction (ఆల్బుగో లో ఆలైంగిక ప్రత్యుతపత్తి)

7. Little leaf disease of Brinjal (వంగ చిన్నాకు తెగులు)

8. Mucor Thallus structure (మ్యూకర్ థాలస్ నిర్మాణం)

9. Clestothecium (క్లీస్టోథిసియం)

10. Albugo oogonium development (ఆల్బుగో ఊగోనియం అభివృద్ధి)

Instructions to the students

1. A student who does not meet the required attendance (Minimum of 75%) shall not be permitted to take internal assessment as well as the End semester examinations.

2. For optionals & Languages Internal Assessment (30 Marks) consists of two components.
   a. Written Component with 20 marks
   b. Skill based component with 10 marks

   Written component (20 marks) should be conducted two times per paper per semester without any retest. Average of two tests to be taken.

   In Skill based component student can select any one of the following per paper per semester. 1.Online Quiz 2.Poster presentation.3.Group discussion 4. Assignment 5.Seminar. This component should be conducted one time per paper per semester without any retest.

3. For AECC (Environmental Science) only one internal with **10 marks** will be conducted at the time of 2nd internal without any retest.

4. The Internal Assessment test shall be conducted as per the schedule prescribed by the college. **In case a candidate fails to appear for the test for whatever reason, no re exam shall be conducted.**

5. All students are instructed to pay the Admission fee through college website or OCTOPOD website or by scanning the QR code - - - - -⌐

GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) –NALGONDA
First Year(I-Semester)Internal Assessment-I, Nov- 2023
CHEMISTRY
(CHEMISTRY-I)

Time: 45 min   Max. Marks-20

Answer all the following questions   10x2=20M

1. Write s- character and p-character in SP, SP^2, SP^3 hybridizations respectively.

   SP, SP^2, SP^3 సంకరీకరణాలలో s- స్వభావం, p- స్వభావంల శాతాన్ని తెలియచేయండి.

2. Draw the structure of PCl_5. Mention the hybridization, shape and bond angle.

   PCl_5 నిర్మాణాన్ని గీయండి. అందులో సంకరీకరణాన్ని, ఆకృతిని మరియు బంధకోణంను తెలుపండి.

3. Draw the structure of SF_6. Mention the hybridization, shape and bond angle.

   SF_6 నిర్మాణాన్ని గీయండి. అందులో సంకరీకరణాన్ని, ఆకృతిని మరియు బంధకోణంను తెలుపండి.

4. Write the bond order and stability of Nitrogen molecule (N_2).

   నైట్రోజన్ అణువు యొక్క బంధక్రమాన్ని, స్థిరత్వాన్ని తెలుపండి.

5. Draw MOED of Oxygen molecule(O_2)

   ఆక్సిజన్ అణువు (O_2) యొక్క MOED గీయండి.

6. Write the electronic configuration of carbon monoxide (CO) molecule. From that predict the magnetic nature.

   కార్బన్ డయాక్సైడ్ అణు ఎలక్ట్రాన్ విన్యాసాన్ని రాయండి. దీని ఆధారంగా అయంస్కాంతత్వాన్ని ఊహించండి.

7. Explain Joule-Thomson effect.జౌల్-థామ్సన్ ప్రభావాన్ని వివరించండి

8. Write Van der Waal's real gas equation. Mention the meaning of various terms in the equation.

   వాండర్ వాల్స్ నిజ వాయు సమీకరణాన్ని రాశసి, అందులోని వివిధ పదాల అర్థాలను తెలపండి.

9. Define critical temperature, critical pressure and critical volume.

   సందిగ్ధ ఉష్ణోగ్రత, సందిగ్ధ పీడనం, సందిగ్ధ ఘనపరిమాణం లను నిర్వచించండి.

10. Draw the diagram for Linde's method of liquefaction of gases.

    వాయువుల ద్రవీభవనానికి లిండే విధానానికి సంబంధించిన పటాన్ని గీయండి.

Instructions to the students

1. A student who does not meet the required attendance (Minimum of 75%) shall not be permitted to take internal assessment as well as the End semester examinations.

2. For optionals & Languages Internal Assessment (30 Marks) consists of two components.
   a. Written Component with 20 marks
   b. Skill based component with 10 marks

   Written component (20 marks) should be conducted two times per paper per semester without any retest. Average of two tests to be taken.

   In Skill based component student can select any one of the following per paper per semester. 1. Online Quiz 2.Poster presentation. 3. Group discussion. 4. Assignment 5. Seminar. This component should be conducted one time per paper per semester without any retest.

3. For AECC (Environmental Science) only one internal with **10 marks** will be conducted at the time of 2nd internal without any retest.

4. The Internal Assessment test shall be conducted as per the schedule prescribed by the college. **In case a candidate fails to appear for the test for whatever reason, no re exam shall be conducted.**

5. All students are instructed to pay the Admission fee through college website or OCTOPOD website or by scanning the QR code _ _ _ _ _⌐- - - →

GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) –NALGONDA

First Year (I-Semester) Internal Assessment-I, Nov- 2023
COMPUTER APPLICATION (EPCA)
(Programming in C)

Time: 45 min   Max. Marks-20

Answer all the following questions   **10x2=20m**

1. Define computer.
2. Give five input devices list.
3. Explain system memory.
4. What is software? Explain types of software.
5. Explain data types in C.
6. Explain if…..else ... Statement.
7. Program Print 1 to 10 digits using for loop.
8. Write any four string functions.
9. What is a variable
10. Write about arithmetic operators.

Instructions to the students

1. A student who does not meet the required attendance (Minimum of 75%) shall not be permitted to take internal assessment as well as the End semester examinations.
2. For optionals & Languages Internal Assessment (30 Marks) consists of two components.
   a. Written Component with 20 marks
   b. Skill based component with 10 marks

   Written component (20 marks) should be conducted two times per paper per semester without any retest. Average of two tests to be taken.

   In Skill based component student can select any one of the following per paper per semester. 1.Online Quiz 2.Poster presentation.3.Group discussion 4. Assignment 5.Seminar. This component should be conducted one time per paper per semester without any retest.
3. For AECC (Environmental Science) only one internal with **10 marks** will be conducted at the time of 2nd internal without any retest.
4. The Internal Assessment test shall be conducted as per the schedule prescribed by the college. **In case a candidate fails to appear for the test for whatever reason, no re exam shall be conducted.**
5. All students are instructed to pay the Admission fee through college website or OCTOPOD website or by scanning the QR code

GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS)–NALGONDA

First Year (I-Semester) Internal Assessment-I, Nov- 2023
COMPUTER APPLICATIONS
(Fundamentals of Information Technology)

Time: 45 min   Max. Marks-20

Answer all the following questions   **10x2=20m**

1. Define Computer.

2. Write about input Devices.

3. Define Memory.

4. Write about CPU

5. Write about Output Device.

6. Write about Monitor.

7. Define Secondary Memory?

8. Write any two characteristics of a Computer.

9. Define RAM.

10. Convert the no 32 into binary format.

Instructions to the students

1. A student who does not meet the required attendance (Minimum of 75%) shall not be permitted to take internal assessment as well as the End semester examinations.

2. For optionals & Languages Internal Assessment (30 Marks) consists of two components.
   a. Written Component with 20 marks
   b. Skill based component with 10 marks

   Written component (20 marks) should be conducted two times per paper per semester without any retest. Average of two tests to be taken.

   In Skill based component student can select any one of the following per paper per semester. 1.Online Quiz 2.Poster presentation.3.Group discussion 4. Assignment 5.Seminar. This component should be conducted one time per paper per semester without any retest.

3. For AECC (Environmental Science) only one internal with **10 marks** will be conducted at the time of 2nd internal without any retest.

4. The Internal Assessment test shall be conducted as per the schedule prescribed by the college. **In case a candidate fails to appear for the test for whatever reason, no re exam shall be conducted.**

5. All students are instructed to pay the Admission fee through college website or OCTOPOD website or by scanning the QR code ----->

GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) –NALGONDA

First Year (I-Semester) Internal Assessment-I, Nov- 2023
COMPUTER SCIENCE (BZCS)
(Programming in C)

Time: 45 min
Max. Marks-20

Answer all the following questions 10x2=20m

1. Define computer.
2. Give five input devices list.
3. Explain system memory.
4. What is software? Explain types of software.
5. Explain data types in C.
6. Explain if…..else ... Statement.
7. Program Print 1 to 10 digits using for loop.
8. Write any four string functions.
9. What is a variable
10. Write about arithmetic operators.

Instructions to the students

1. A student who does not meet the required attendance (Minimum of 75%) shall not be permitted to take internal assessment as well as the End semester examinations.
2. For optionals & Languages Internal Assessment (30 Marks) consists of two components.
   a. Written Component with 20 marks
   b. Skill based component with 10 marks

   Written component (20 marks) should be conducted two times per paper per semester without any retest. Average of two tests to be taken.

   In Skill based component student can select any one of the following per paper per semester. 1.Online Quiz 2.Poster presentation.3.Group discussion 4. Assignment 5.Seminar. This component should be conducted one time per paper per semester without any retest.
3. For AECC (Environmental Science) only one internal with **10 marks** will be conducted at the time of 2nd internal without any retest.
4. The Internal Assessment test shall be conducted as per the schedule prescribed by the college. **In case a candidate fails to appear for the test for whatever reason, no re exam shall be conducted.**
5. All students are instructed to pay the Admission fee through college website or OCTOPOD website or by scanning the QR code

GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) –NALGONDA

First Year (I-Semester) Internal Assessment-I, Nov- 2023
COMPUTER SCIENCE (MPCS)
(Programming in C)

Time: **45 min**   Max. Marks-20

Answer all the following questions   10x2=20m

1. What is Computer?

2. What is Software and Hardware?

3. Write any four Input devices and output devices?

4. What is Array? Write its types and syntax?

5. What is Operating System and Algorithm?

6. What is Constant and write its types?

7. What about Data Types?

8. Write types of Operators?

9. Write a program using if-else?

10. Write a program using while?

Instructions to the students

1. A student who does not meet the required attendance (Minimum of 75%) shall not be permitted to take internal assessment as well as the End semester examinations.

2. For optionals & Languages Internal Assessment (30 Marks) consists of two components.
   a. Written Component with 20 marks
   b. Skill based component with 10 marks

   Written component (20 marks) should be conducted two times per paper per semester without any retest. Average of two tests to be taken.

   In Skill based component student can select any one of the following per paper per semester. 1.Online Quiz 2.Poster presentation.3.Group discussion 4. Assignment 5.Seminar. This component should be conducted one time per paper per semester without any retest.

3. For AECC (Environmental Science) only one internal with **10 marks** will be conducted at the time of 2nd internal without any retest.

4. The Internal Assessment test shall be conducted as per the schedule prescribed by the college. **In case a candidate fails to appear for the test for whatever reason, no re exam shall be conducted.**

5. All students are instructed to pay the Admission fee through college website or OCTOPOD website or by scanning the QR code -----˥

GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) –NALGONDA

First Year (I-Semester) Internal Assessment-I, Nov- 2023
COMMERCE
(FINANCIAL ACCOUNTING-I)

Time: **45 min**   Max. Marks-20

Answer all the following questions   **10x2=20m**

1. Difference between book keeping & Accounting

2. Define Accounting.

3. Accounting cycle.

4. Voucher.

5. Business Entity Concept

6. Define Accounting Classification.

7. Ledger.

8. Purchase Book.

9. Contra Entry.

10. Double Entry System.

Instructions to the students

1. A student who does not meet the required attendance (Minimum of 75%) shall not be permitted to take internal assessment as well as the End semester examinations.

2. For optionals & Languages Internal Assessment (30 Marks) consists of two components.
   a. Written Component with 20 marks
   b. Skill based component with 10 marks

   Written component (20 marks) should be conducted two times per paper per semester without any retest. Average of two tests to be taken.

   In Skill based component student can select any one of the following per paper per semester. 1.Online Quiz 2.Poster presentation.3.Group discussion 4. Assignment 5.Seminar. This component should be conducted one time per paper per semester without any retest.

3. For AECC (Environmental Science) only one internal with **10 marks** will be conducted at the time of 2nd internal without any retest.

4. The Internal Assessment test shall be conducted as per the schedule prescribed by the college. **In case a candidate fails to appear for the test for whatever reason, no re exam shall be conducted.**

5. All students are instructed to pay the Admission fee through college website or OCTOPOD website or by scanning the QR code - - - - -⌐

GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) –NALGONDA

First Year (I-Semester) Internal Assessment-I, Nov- 2023
COMMERCE
(Business Organization and Management)

Time: 45 min   Max. Marks-20

Answer all the following questions   **10x2=20m**

1. What is Business?

2. Wholesale Sale.

3. Write any five Business Functions.

4. Write Minor Partner.

5. What is Partnership Business?

6. Write Dayabhaga and Mitakshara.

7. Write any five Characteristics of company

8. One Person company (OPC)

9. Wtire any five Clauses of Memorandum of Association (MOA)

10. Prospectus.

Instructions to the students

1. A student who does not meet the required attendance (Minimum of 75%) shall not be permitted to take internal assessment as well as the End semester examinations.

2. For optionals & Languages Internal Assessment (30 Marks) consists of two components.
   a. Written Component with 20 marks
   b. Skill based component with 10 marks

   Written component (20 marks) should be conducted two times per paper per semester without any retest. Average of two tests to be taken.

   In Skill based component student can select any one of the following per paper per semester. 1.Online Quiz 2.Poster presentation.3.Group discussion 4. Assignment 5.Seminar. This component should be conducted one time per paper per semester without any retest.

3. For AECC (Environmental Science) only one internal with **10 marks** will be conducted at the time of 2nd internal without any retest.

4. The Internal Assessment test shall be conducted as per the schedule prescribed by the college. **In case a candidate fails to appear for the test for whatever reason, no re exam shall be conducted.**

5. All students are instructed to pay the Admission fee through college website or OCTOPOD website or by scanning the QR code -----⌐ →

GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) –NALGONDA

First Year (I-Semester) Internal Assessment-I, Nov- 2023
ECONOMICS

Time: 45 min   (MICRO ECONOMICS)   **Max. Marks-20**

Answer all the following questions   **10x2=20m**

1. Marginal utility (ఉపాంత ప్రయోజనం)

2. Ordinal utility (ఆర్డినల్ ప్రయోజనం)

3. Marginal rate of substitution (ఉపాంత ప్రతిస్థాపన రేటు)

4. Indifference curve (ఉదాసీనతా వక్ర రేఖ)

5. Budget line (బడ్జెట్ రేఖ)

6. Price effect (ధర ప్రభావం)

7. Production function (ఉత్పత్తి ఫలం)

8. Returns to scale   (తరహానుసరించి ప్రతిఫలాలు)

9. Economies of scale (తరహానుసరించి ఆదాలు)

10. Iso-quant curve (సమోత్పత్తి రేఖ?)

Instructions to the students

1. A student who does not meet the required attendance (Minimum of 75%) shall not be permitted to take internal assessment as well as the End semester examinations.

2. For optionals & Languages Internal Assessment (30 Marks) consists of two components.
   a. Written Component with 20 marks
   b. Skill based component with 10 marks

   Written component (20 marks) should be conducted two times per paper per semester without any retest. Average of two tests to be taken.

   In Skill based component student can select any one of the following per paper per semester. 1.Online Quiz 2.Poster presentation.3.Group discussion 4. Assignment 5.Seminar. This component should be conducted one time per paper per semester without any retest.

3. For AECC (Environmental Science) only one internal with **10 marks** will be conducted at the time of 2nd internal without any retest.

4. The Internal Assessment test shall be conducted as per the schedule prescribed by the college. **In case a candidate fails to appear for the test for whatever reason, no re exam shall be conducted.**

5. All students are instructed to pay the Admission fee through college website or OCTOPOD website or by scanning the QR code -----┐-→

GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) –NALGONDA
First Year (I-Semester) Internal Assessment-I, Nov- 2023
ECONOMICS
(MICRO ECONOMICS)

Time: 45 min   **Max. Marks-20**

نوٹ: مندرجہ ذیل تمام سوالات کے جوابات مطلوب ہے- 10x2= 20M

1- آرڈینل افادہ

2- خطوط بے نیازی

3- خطوط بے نیازی کی خصوصیات

4- صارف کا توازن

5- قیمت اثر

6- ہم پیداوار خطوط

7- توسیعی راستہ

8- تفاعل پیداوار

9- یک جنس تفاعل پیداوار

10- کاب ڈوگلا عمل پیداوار

Instructions to the students

1. A student who does not meet the required attendance (Minimum of 75%) shall not be permitted to take internal assessment as well as the End semester examinations.
2. For optionals & Languages Internal Assessment (30 Marks) consists of two components.
   a. Written Component with 20 marks
   b. Skill based component with 10 marks

   Written component (20 marks) should be conducted two times per paper per semester without any retest. Average of two tests to be taken.

   In Skill based component student can select any one of the following per paper per semester. 1.Online Quiz 2.Poster presentation.3.Group discussion 4. Assignment 5.Seminar. This component should be conducted one time per paper per semester without any retest.
3. For AECC (Environmental Science) only one internal with **10 marks** will be conducted at the time of 2nd internal without any retest.
4. The Internal Assessment test shall be conducted as per the schedule prescribed by the college. **In case a candidate fails to appear for the test for whatever reason, no re exam shall be conducted.**
5. All students are instructed to pay the Admission fee through college website or OCTOPOD website or by scanning the QR code -----⌐

GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) –NALGONDA

First Year (I-Semester) Internal Assessment-I, Nov- 2023
HISTORY
History of India (From Earliest Times to C.700 -CE)

Time: 45 min   Max. Marks-20

Answer all the following questions   **10x2=20m**

1. The Mountain Ranges. పర్వత శ్రేణులు.

2. Archaeological Sources. పురావస్తు ఆధారాలు.

3. Indus People script. సింధూ ప్రజల లిపి.

4. Rig-Vedic period Political Conditions. ఋగ్వేద కాలంనాటి రాజకీయ పరిస్థితులు

5. The Principles of Jainism. జైనమత సిద్ధాంతాలు.

6. Mahabhinishkramana. మహాభినిష్క్రమణం.

7. The Principles of Buddhism. బౌద్ధమత సిద్ధాంతాలు.

8. Vedas. వేదాలు.

9. Neolithic Age. నూతన శిలాయుగం

10. Shodasa Mahajanapadas. షోడశ మహాజనపధాలు.

Instructions to the students

1. A student who does not meet the required attendance (Minimum of 75%) shall not be permitted to take internal assessment as well as the End semester examinations.

2. For optionals & Languages Internal Assessment (30 Marks) consists of two components.
   a. Written Component with 20 marks
   b. Skill based component with 10 marks

   Written component (20 marks) should be conducted two times per paper per semester without any retest. Average of two tests to be taken.

   In Skill based component student can select any one of the following per paper per semester. 1.Online Quiz 2.Poster presentation.3.Group discussion 4. Assignment 5.Seminar. This component should be conducted one time per paper per semester without any retest.

3. For AECC (Environmental Science) only one internal with **10 marks** will be conducted at the time of 2nd internal without any retest.

4. The Internal Assessment test shall be conducted as per the schedule prescribed by the college. **In case a candidate fails to appear for the test for whatever reason, no re exam shall be conducted.**

5. All students are instructed to pay the Admission fee through college website or OCTOPOD website or by scanning the QR code - - - - - ┐ - - →

GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) –NALGONDA

First Year (I-Semester) Internal Assessment-I, Nov- 2023
HISTORY
History of India (From Earliest Times to C.700 -CE)

Time: 45 min   Max. Marks-20

نوٹ: مندرجہ ذیل تمام سوالات کے جوابات مطلوب ہے -   10x2= 20M

1- تاریخ کیا ہے

2- تاریخ علم سیاسیات

3 - قدیم پتھر کا دور

4- درمیانی پتھر کا دور

5- جدید پتھر کا دور

6 - مہریں اور تحریر

7- ایک بڑا غسل خانہ

8- اناج کے گودام

9- چرواک کے بارے میں لکھئے

10- جنگ جہلم پر نوٹ لکھیں

Instructions to the students

1. A student who does not meet the required attendance (Minimum of 75%) shall not be permitted to take internal assessment as well as the End semester examinations.

2. For optionals & Languages Internal Assessment (30 Marks) consists of two components.
   a. Written Component with 20 marks
   b. Skill based component with 10 marks

   Written component (20 marks) should be conducted two times per paper per semester without any retest. Average of two tests to be taken.

   In Skill based component student can select any one of the following per paper per semester. 1.Online Quiz 2.Poster presentation.3.Group discussion 4. Assignment 5.Seminar. This component should be conducted one time per paper per semester without any retest.

3. For AECC (Environmental Science) only one internal with **10 marks** will be conducted at the time of 2nd internal without any retest.

4. The Internal Assessment test shall be conducted as per the schedule prescribed by the college. **In case a candidate fails to appear for the test for whatever reason, no re exam shall be conducted.**

5. All students are instructed to pay the Admission fee through college website or OCTOPOD website or by scanning the QR code ------>

GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS) –NALGONDA

First Year (I-Semester) Internal Assessment-I, Nov- 2023

POLITICAL SCIENCE

UNDERSTANDING POLITICAL THEORY

Time: 45 min   Max. Marks-20

نوٹ: مندرجہ ذیل تمام سوالات کے جوابات مطلوب ہے-   10x2= 20M

1- سیاسی نظریہ کیا ہے

2- علم سیاسیات اور سیاسی نظریے میں فرق

3 – مملکت اور حکومت کا مطالعہ

4- سیاسی نظریہ بطور سائنس

5- قدیم سیاسی نظریہ

6 – سیاسی نظام

7- مارکسی نقطہ نظر

8- سماجی معاہدے کا نظریہ

9- قدیم دور

10- معاشی عوامل

Instructions to the students

1. A student who does not meet the required attendance (Minimum of 75%) shall not be permitted to take internal assessment as well as the End semester examinations.

2. For optionals & Languages Internal Assessment (30 Marks) consists of two components.
   a. Written Component with 20 marks
   b. Skill based component with 10 marks

   Written component (20 marks) should be conducted two times per paper per semester without any retest. Average of two tests to be taken.

   In Skill based component student can select any one of the following per paper per semester. 1.Online Quiz 2.Poster presentation.3.Group discussion 4. Assignment 5.Seminar. This component should be conducted one time per paper per semester without any retest.

3. For AECC (Environmental Science) only one internal with **10 marks** will be conducted at the time of 2nd internal without any retest.

4. The Internal Assessment test shall be conducted as per the schedule prescribed by the college. **In case a candidate fails to appear for the test for whatever reason, no re exam shall be conducted.**

5. All students are instructed to pay the Admission fee through college website or OCTOPOD website or by scanning the QR code－－－－－⌐ - - - - ➜

Time: 45 min   **Max. Marks-20**

Answer all the following questions   **10x2=20m**

1) Meaning of Political Theory (రాజకీయ సిద్ధాంతం – అర్ధం)

2) Introduction of Political Theory(రాజకీయ సిద్ధాంతం – పరిచయం)

3) Normative Theory (అధర్మవాద సిద్ధాంతం)

4) Divine Theory (దైవదత్తాదికార సిద్ధాంతం)

5) Nature of Political Theory (రాజకీయ సిద్ధాంతం – స్వభావం)

6) What is Politics? (రాజకీయాలు అనగా..?)

7) Thomas Hobbes –State of Nature (థామస్ హాబ్స్ – ప్రాకృతిక వ్యవస్థ)

8) Rousseau's General Will (రూసో – జనేచ్చ)

9) What is Power? (శక్తి అనగా...?)

10) Define Authority? (అధికారం' ను నిర్వచించండి?)

Instructions to the students

1. A student who does not meet the required attendance (Minimum of 75%) shall not be permitted to take internal assessment as well as the End semester examinations.

2. For optionals & Languages Internal Assessment (30 Marks) consists of two components.
   a. Written Component with 20 marks
   b. Skill based component with 10 marks

   Written component (20 marks) should be conducted two times per paper per semester without any retest. Average of two tests to be taken.

   In Skill based component student can select any one of the following per paper per semester. 1.Online Quiz 2.Poster presentation.3.Group discussion 4. Assignment 5.Seminar. This component should be conducted one time per paper per semester without any retest.

3. For AECC (Environmental Science) only one internal with **10 marks** will be conducted at the time of 2nd internal without any retest.

4. The Internal Assessment test shall be conducted as per the schedule prescribed by the college. **In case a candidate fails to appear for the test for whatever reason, no re exam shall be conducted.**

5. All students are instructed to pay the Admission fee through college website or OCTOPOD website or by scanning the QR code------